



# **COMPANY *PROFILE*** **& CATALOGUE** ***2018 / 2019***



## COMPANY DETAILS



**耀全五金有限公司**

**Yeowchuan Hardware Sdn Bhd (115605-T)**

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Website : [www.yeowchuan.com](http://www.yeowchuan.com)

## SUBSIDIARY

Yeowchuan Marketing Sdn Bhd (389008-A)

Yeowchuan Industrial Supply Sdn Bhd (1018104-P)

YCM Welding Supply Sdn Bhd (844292-D)

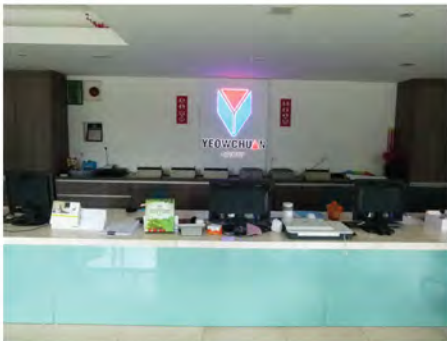
Jia Seng Hardware Machinery Sdn Bhd (758319-A)

Panaweld Hardware Machinery Sdn Bhd (646002-K)

ARS Welding Industrial Sdn Bhd (1083439-H)

Global Welds Industrial Supplies Sdn Bhd (1203311-W)

## HEAD QUATER OFFICE



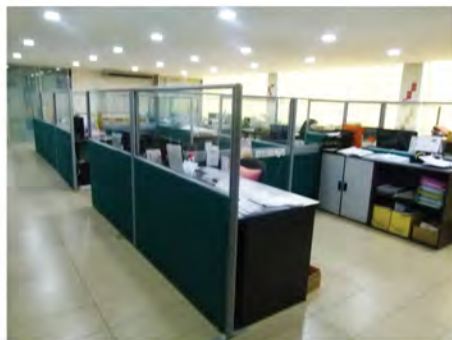
RECEPTION



SALES  
COUNTER



SERVICE  
DEPARTMENT



ADMIN  
DEPARTMENT



WAREHOUSE

## OFFICE BRANCH



MELAKA



JOHOR

### **Panaweld Hardware Machinery Sdn Bhd (646002-K)**

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Email : [sky.ang338@gmail.com](mailto:sky.ang338@gmail.com)

## **Business Activities**

Yeowchuan Hardware Sdn Bhd has been incorporated in the year of 1985 as a welding equipment and welding consumables stockist and distributor for all major leading brands like Kobelco, Esab, Powerweld, Kisol. During the initial period, Yeowchuan Hardware Sdn Bhd also focus on technical support and services for various product range, thus grown to be one of the major leading supplier for welding and related products, machinery hardware, safety products etc. Yeowchuan Hardware Sdn Bhd and its subsidiaries have dedicated trained staff with vast experience in all fields.

## **Our Vision and Mission**

To provide quality services that exceeds the expectations of our esteemed customers. To build long term relationships with our customers and clients and provide exceptional customer support by pursuing business through innovation and advanced technology.

## **Company Strategy - Core Value and Goals**

To be a market leader and committed by providing enhanced products and services. Believe in treating our customers with respect and good faith and grow through creativity, innovation hence integrate honestly with good business ethics and value in all business functioning units. Expanding our market share in our related fields to develop a strong marketing team to improve our service for customers, and sharing technology information and be a key player in the Malaysian Industries.

## **Scope of Work**

- Welding equipments and accessories
- Welding consumables
- Safety products
- Power Tools and accessories
- Various machineries for plants and commercial use
- Providing technical support, services and solutions

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## WELDING CABLES



ORANGE



RED



BLACK



BLUE

### CHIYODA ORANGE WELDING CABLE (100% PURE COPPER)

| MODEL        | LIST PRICE / ROLL (RM) |
|--------------|------------------------|
| 200A X 90M   | 1,090.00               |
| 300A X 90M   | 1,500.00               |
| 400A X 90M   | 2,200.00               |
| 600A X 100M  | 5,350.00               |
| 800A X 100M  | 11,500.00              |
| 1000A X 100M | 13,500.00              |

### CHIYODA FLEX BLUE WELDING CABLE (100% PURE COPPER)

| MODEL      | LIST PRICE / ROLL (RM) |
|------------|------------------------|
| 200A X 90M | 750.00                 |
| 300A X 90M | 1,120.00               |
| 400A X 90M | 1,750.00               |
| 500A X 90M | 2,250.00               |

### CHIYODA FLEX BLACK WELDING CABLE (100% PURE COPPER)

| MODEL       | LIST PRICE / ROLL (RM) |
|-------------|------------------------|
| 300A X 100M | 1,850.00               |
| 400A X 100M | 3,170.00               |
| 500A X 100M | 4,500.00               |
| 600A X 100M | 5,850.00               |

### CHIYODA FLEX RED WELDING CABLE (100% PURE COPPER)

| MODEL       | LIST PRICE / ROLL (RM) |
|-------------|------------------------|
| 300A X 100M | 1,590.00               |
| 400A X 100M | 2,670.00               |
| 500A X 100M | 3,500.00               |
| 600A X 100M | 5,350.00               |

### SHIYO BLACK SUPERFLEX RUBBER WELDING CABLE (100% PURE COPPER)

| MODEL       | LIST PRICE / ROLL (RM) |
|-------------|------------------------|
| 300A X 100M | 1,490.00               |
| 400A X 100M | 2,050.00               |
| 500A X 100M | 2,670.00               |

### AIRGAS FLEX RUBBER BLACK WELDING CABLE (100% PURE COPPER)

| MODEL      | LIST PRICE / ROLL (RM) |
|------------|------------------------|
| 300A X 90M | 1,350.00               |
| 400A X 90M | 1,850.00               |
| 500A X 90M | 2,450.00               |

## **EXTENSION WIRES**

### **PVC FLEXIBLE CORD** **(100% COPPER) - GREY**

| <b>DESCRIPTION</b>                        | <b>LIST PRICE /<br/>ROLL (RM)</b> |
|-------------------------------------------|-----------------------------------|
| 1.0mm <sup>2</sup> (32 / 0.20) x 3C x 90m | 240.00                            |
| 1.5mm <sup>2</sup> (30 / 0.25) x 3C x 90m | 340.00                            |
| 2.5mm <sup>2</sup> (50 / 0.25) x 3C x 90m | 500.00                            |



TRS EXTENSION WIRE

### **TRS EXTENSION WIRE** **(100% COPPER) - BLACK**

| <b>DESCRIPTION</b>                         | <b>LIST PRICE /<br/>ROLL (RM)</b> |
|--------------------------------------------|-----------------------------------|
| 1.0mm <sup>2</sup> (32 / 0.20) x 3C x 100m | 320.00                            |
| 1.5mm <sup>2</sup> (30 / 0.25) x 3C x 100m | 440.00                            |
| 2.5mm <sup>2</sup> (50 / 0.25) x 3C x 100m | 670.00                            |
| 2.5mm <sup>2</sup> (50 / 0.25) x 4C x 100m | 900.00                            |

## **GENERAL COMPARISON & CONVERSION OF** **METRIC & IMPERIAL** **CONDUCTOR SIZES FOR FLEXIBLE CORDS**

| <b>IMPERIAL (BS 2004:1961)</b> |                             |                                               | <b>METRIC (MS 140:1987)</b>                   |                          |    |                              |
|--------------------------------|-----------------------------|-----------------------------------------------|-----------------------------------------------|--------------------------|----|------------------------------|
| NO./DIAMETER OF<br>WIRE (IN)   | CURRENT<br>RATING<br>(AMPS) | CROSS<br>SECTIONAL AREA<br>(MM <sup>2</sup> ) | CROSS<br>SECTIONAL AREA<br>(MM <sup>2</sup> ) | CURRENT<br>RATING (AMPS) |    | NO./DIAMETER OF<br>WIRE (MM) |
|                                |                             |                                               |                                               | 1Ø                       | 3Ø |                              |
| —                              | —                           | —                                             | 0.5                                           | 3                        | 3  | 16/0.20                      |
| 23/.0076                       | 6                           | 0.67                                          | —                                             | —                        | —  | —                            |
| —                              | —                           | —                                             | 0.75                                          | 6                        | 6  | 24/0.20                      |
| —                              | —                           | —                                             | 1.00                                          | 10                       | 10 | 32/0.20                      |
| 40/.0076                       | 13                          | 1.17                                          | —                                             | —                        | —  | —                            |
| —                              | —                           | —                                             | 1.50                                          | 16                       | 16 | 30/0.25                      |
| 70/.0076                       | 18                          | 2.05                                          | —                                             | —                        | —  | —                            |
| —                              | —                           | —                                             | 2.50                                          | 25                       | 20 | 50/0.25                      |
| 110/.0076                      | 24                          | 3.21                                          | —                                             | —                        | —  | —                            |

THE INFORMATION CONTAINED WITHIN THIS DATA SHEET IS STRICTLY FOR GENERAL GUIDANCE ONLY

# KOBELCO WELDING ELECTRODES



KOBELCO LB / RB ELECTRODE



KOBELCO S/STEEL ELECTRODE

## KOBELCO RB-26 (E6013)

| DESCRIPTION  | PACKING     | LIST PRICE / KG (RM) |
|--------------|-------------|----------------------|
| 2.6MM (G-12) | 20 KG / BOX | 10.00                |
| 3.2MM (G-10) | 20 KG / BOX | 9.50                 |
| 4.0MM (G-8)  | 20 KG / BOX | 9.50                 |
| 5.0MM (G-6)  | 20 KG / BOX | 9.50                 |

## KOBELCO LB-52 (E7016)

| DESCRIPTION  | PACKING     | LIST PRICE / KG (RM) |
|--------------|-------------|----------------------|
| 2.6MM (G-12) | 20 KG / BOX | 16.00                |
| 3.2MM (G-10) | 20 KG / BOX | 13.00                |
| 4.0MM (G-8)  | 20 KG / BOX | 12.50                |
| 5.0MM (G-6)  | 20 KG / BOX | 12.50                |

## KOBELCO LB-52NS (E7016-G)

| DESCRIPTION  | PACKING     | LIST PRICE / KG (RM) |
|--------------|-------------|----------------------|
| 2.6MM (G-12) | 20 KG / BOX | 31.70                |
| 3.2MM (G-10) | 20 KG / BOX | 25.00                |
| 4.0MM (G-8)  | 20 KG / BOX | 25.00                |
| 5.0MM (G-6)  | 20 KG / BOX | 25.00                |

## KOBELCO B-14 (E6019)

| DESCRIPTION  | PACKING     | LIST PRICE / KG (RM) |
|--------------|-------------|----------------------|
| 3.2MM (G-10) | 20 KG / BOX | 13.00                |
| 4.0MM (G-8)  | 20 KG / BOX | 13.00                |

## KOBELCO CMA-106

### LOW HYDROGEN ELECTRODE

| DESCRIPTION  | PACKING     | LIST PRICE / KG (RM) |
|--------------|-------------|----------------------|
| 2.6MM (G-12) | 20 KG / BOX | 80.00                |
| 3.2MM (G-10) | 20 KG / BOX | 70.00                |
| 4.0MM (G-8)  | 20 KG / BOX | 70.00                |

## KOBELCO LB-52U (E7016)

| DESCRIPTION  | PACKING     | LIST PRICE / KG (RM) |
|--------------|-------------|----------------------|
| 2.6MM (G-12) | 20 KG / BOX | 17.50                |
| 3.2MM (G-10) | 20 KG / BOX | 16.00                |
| 4.0MM (G-8)  | 20 KG / BOX | 16.00                |
| 5.0MM (G-6)  | 20 KG / BOX | 16.00                |

## KOBELCO LB-52-18 (E7018)

| DESCRIPTION  | PACKING     | LIST PRICE / KG (RM) |
|--------------|-------------|----------------------|
| 2.6MM (G-12) | 20 KG / BOX | 16.00                |
| 3.2MM (G-10) | 20 KG / BOX | 13.00                |
| 4.0MM (G-8)  | 20 KG / BOX | 12.50                |
| 5.0MM (G-6)  | 20 KG / BOX | 12.50                |

## KOBELCO LB-7018-1 (E7018-1)

| DESCRIPTION  | PACKING     | LIST PRICE / KG (RM) |
|--------------|-------------|----------------------|
| 2.6MM (G-12) | 20 KG / BOX | 27.00                |
| 3.2MM (G-10) | 20 KG / BOX | 26.00                |
| 4.0MM (G-8)  | 20 KG / BOX | 26.00                |
| 5.0MM (G-6)  | 20 KG / BOX | 26.00                |

## KOBELCO NC-36L S/STEEL ELECTRODE

| DESCRIPTION  | PACKING     | LIST PRICE / KG (RM) |
|--------------|-------------|----------------------|
| 2.6MM (G-12) | 20 KG / BOX | 160.00               |
| 3.2MM (G-10) | 20 KG / BOX | 130.00               |
| 4.0MM (G-8)  | 20 KG / BOX | 130.00               |

## KOBELCO NC-38LS/STEEL ELECTRODE

| DESCRIPTION  | PACKING     | LIST PRICE / KG (RM) |
|--------------|-------------|----------------------|
| 2.6MM (G-12) | 20 KG / BOX | 105.00               |
| 3.2MM (G-10) | 20 KG / BOX | 103.00               |
| 4.0MM (G-8)  | 20 KG / BOX | 103.00               |

## KOBELCO NC-39L S/STEEL ELECTRODE

| DESCRIPTION  | PACKING     | LIST PRICE / KG (RM) |
|--------------|-------------|----------------------|
| 2.6MM (G-12) | 20 KG / BOX | 113.00               |
| 3.2MM (G-10) | 20 KG / BOX | 108.00               |
| 4.0MM (G-8)  | 20 KG / BOX | 108.00               |

## KOBELCO TGS / TGX TIG RODS



KOBELCO TGS / TGX

### KOBELCO TGS-50 (ER70S-G)

| DESCRIPTION | PACKING     | LIST PRICE / KG (RM) |
|-------------|-------------|----------------------|
| 1.6MM       | 5 KG / TUBE | 40.00                |
| 2.0MM       | 5 KG / TUBE | 30.00                |
| 2.4MM       | 5 KG / TUBE | 26.00                |
| 3.2MM       | 5 KG / TUBE | 38.00                |

### KOBELCO TGS-308L TIG WELDING ROD

| DESCRIPTION | PACKING     | LIST PRICE / KG (RM) |
|-------------|-------------|----------------------|
| 1.6MM       | 5 KG / TUBE | 125.00               |
| 2.0MM       | 5 KG / TUBE | 125.00               |
| 2.4MM       | 5 KG / TUBE | 110.00               |

### KOBELCO TGS-1N ER70S-G TIG ROD

| DESCRIPTION | PACKING     | LIST PRICE / KG (RM) |
|-------------|-------------|----------------------|
| 2.4MM       | 5 KG / TUBE | 68.00                |

### KOBELCO TGS-316L TIG WELDING ROD

| DESCRIPTION | PACKING     | LIST PRICE / KG (RM) |
|-------------|-------------|----------------------|
| 1.6MM       | 5 KG / TUBE | 220.00               |
| 2.4MM       | 5 KG / TUBE | 153.00               |

### KOBELCO TGX-316L TIG WELDING ROD

| DESCRIPTION | PACKING     | LIST PRICE / KG (RM) |
|-------------|-------------|----------------------|
| 2.2M        | 5 KG / TUBE | 300.00               |

### KOBELCO TGS-309L TIG WELDING ROD

| DESCRIPTION | PACKING     | LIST PRICE / KG (RM) |
|-------------|-------------|----------------------|
| 2.4MM       | 5 KG / TUBE | 147.00               |

### KOBELCO TGX-308L TIG WELDING ROD

| DESCRIPTION | PACKING     | LIST PRICE / KG (RM) |
|-------------|-------------|----------------------|
| 2.2MM       | 5 KG / TUBE | 267.00               |

## POWERWELD WELDING ELECTRODES



### MILD STEEL ELECTRODE (E6013)

| DESCRIPTION  | PACKING     | LIST PRICE /<br>KG (RM) |
|--------------|-------------|-------------------------|
| 2.6MM (G-12) | 20 KG / BOX | 9.50                    |
| 3.2MM (G-10) | 20 KG / BOX | 9.10                    |
| 4.0MM (G-8)  | 20 KG / BOX | 9.10                    |
| 5.0MM (G-6)  | 20 KG / BOX | 9.10                    |

### 309L S/ STEEL ELECTRODE

| DESCRIPTION  | PACKING     | LIST PRICE /<br>KG (RM) |
|--------------|-------------|-------------------------|
| 2.6MM (G-12) | 20 KG / BOX | 74.00                   |
| 3.2MM (G-10) | 20 KG / BOX | 71.00                   |
| 4.0MM (G-8)  | 20 KG / BOX | 71.00                   |

### LOW HYDROGEN ELECTRODE (E7018)

| DESCRIPTION  | PACKING     | LIST PRICE /<br>KG (RM) |
|--------------|-------------|-------------------------|
| 2.6MM (G-12) | 20 KG / BOX | 12.50                   |
| 3.2MM (G-10) | 20 KG / BOX | 11.30                   |
| 4.0MM (G-8)  | 20 KG / BOX | 11.30                   |
| 5.0MM (G-6)  | 20 KG / BOX | 11.30                   |

### 316L S/STEEL ELECTRODE

| DESCRIPTION  | PACKING     | LIST PRICE /<br>KG (RM) |
|--------------|-------------|-------------------------|
| 2.6MM (G-12) | 20 KG / BOX | 72.00                   |
| 3.2MM (G-10) | 20 KG / BOX | 70.00                   |
| 4.0MM (G-8)  | 20 KG / BOX | 70.00                   |

### 308L-16 S/STEEL ELECTRODE

| DESCRIPTION  | PACKING     | LIST PRICE /<br>KG (RM) |
|--------------|-------------|-------------------------|
| 2.6MM (G-12) | 20 KG / BOX | 50.00                   |
| 3.2MM (G-10) | 20 KG / BOX | 49.00                   |
| 4.0MM (G-8)  | 20 KG / BOX | 49.00                   |

### 350 HARDFACING ELECTRODE

| DESCRIPTION  | PACKING     | LIST PRICE /<br>KG (RM) |
|--------------|-------------|-------------------------|
| 3.2MM (G-10) | 20 KG / BOX | 13.20                   |
| 4.0MM (G-8)  | 20 KG / BOX | 13.20                   |
| 5.0MM (G-6)  | 20 KG / BOX | 13.20                   |

### 700 HARDFACING ELECTRODE

| DESCRIPTION  | PACKING     | LIST PRICE /<br>KG (RM) |
|--------------|-------------|-------------------------|
| 3.2MM (G-10) | 20 KG / BOX | 22.50                   |
| 4.0MM (G-8)  | 20 KG / BOX | 22.00                   |
| 5.0MM (G-6)  | 20 KG / BOX | 22.00                   |

## CAST IRON ELECTRODES & TIG ROD



Cast Iron Ni - 55%



TIG ROD

### PANACRAFT NI -55% CAST IRON ELECTRODE

| DESCRIPTION  | PACKING     | LIST PRICE /<br>KG (RM) |
|--------------|-------------|-------------------------|
| 2.6MM (G-12) | 1 KG / TUBE | 220.00                  |
| 3.2MM (G-10) | 1 KG / TUBE | 215.00                  |
| 4.0MM (G-8)  | 1 KG / TUBE | 215.00                  |

### 308L S/STEEL TIG ROD

| DESCRIPTION | PACKING     | LIST PRICE /<br>KG (RM) |
|-------------|-------------|-------------------------|
| 1.6MM       | 5 KG / TUBE | 50.00                   |
| 2.0MM       | 5 KG / TUBE | 57.00                   |
| 2.4MM       | 5 KG / TUBE | 50.00                   |
| 3.2MM       | 5 KG / TUBE | 57.00                   |

### PANACRAFT ALUMINIUM 4043 TIG ROD

| DESCRIPTION | PACKING     | LIST PRICE /<br>KG (RM) |
|-------------|-------------|-------------------------|
| 1.6MM       | 5 KG / TUBE | 50.00                   |
| 2.4MM       | 5 KG / TUBE | 52.00                   |
| 3.2MM       | 5 KG / TUBE | 50.00                   |

### 316L S/STEEL TIG ROD

| DESCRIPTION | PACKING     | LIST PRICE /<br>KG (RM) |
|-------------|-------------|-------------------------|
| 1.6MM       | 5 KG / TUBE | 67.00                   |
| 2.4MM       | 5 KG / TUBE | 64.00                   |
| 3.2MM       | 5 KG / TUBE | 67.00                   |

### PANACRAFT ALUMINIUM 4047 TIG ROD

| DESCRIPTION | PACKING     | LIST PRICE /<br>KG (RM) |
|-------------|-------------|-------------------------|
| 1.6MM       | 5 KG / TUBE | 55.00                   |
| 2.4MM       | 5 KG / TUBE | 55.00                   |
| 3.2MM       | 5 KG / TUBE | 57.00                   |

### IRON ROD

| DESCRIPTION | PACKING     | LIST PRICE /<br>KG (RM) |
|-------------|-------------|-------------------------|
| 1.6MM       | 10 KG / PKT | 12.00                   |
| 2.0MM       | 10 KG / PKT | 11.50                   |
| 2.6MM       | 10 KG / PKT | 11.00                   |
| 3.2MM       | 10 KG / PKT | 11.00                   |

### PANACRAFT ALUMINIUM 5356 TIG ROD

| DESCRIPTION | PACKING     | LIST PRICE /<br>KG (RM) |
|-------------|-------------|-------------------------|
| 1.6MM       | 5 KG / TUBE | 53.00                   |
| 2.4MM       | 5 KG / TUBE | 53.00                   |
| 3.2MM       | 5 KG / TUBE | 55.00                   |

### AUSTRALIA BRASS ROD

| DESCRIPTION | PACKING      | LIST PRICE /<br>KG (RM) |
|-------------|--------------|-------------------------|
| 1.6MM       | 10 KG / TUBE | 76.00                   |
| 2.5MM       | 10 KG / TUBE | 73.00                   |
| 3.0MM       | 10 KG / TUBE | 70.00                   |

## FLUX CORE WIRE, MIG WIRE, ALUMINIUM WIRES, STAINLESS STEEL MIG WIRES



FLUX CORE WIRE



MIG WIRE

### CHIYODA E71-T FLUX CORE WIRE

| DESCRIPTION | PACKING      | LIST PRICE / KG (RM) |
|-------------|--------------|----------------------|
| 1.2MM       | 15 KG / COIL | 10.30                |
| 1.6MM       | 15 KG / COIL | 10.30                |

### KISWEL E71T FLUX CORE WIRE

| DESCRIPTION | PACKING      | LIST PRICE / KG (RM) |
|-------------|--------------|----------------------|
| 1.2MM       | 15 KG / COIL | 11.30                |
| 1.6MM       | 15 KG / COIL | 11.30                |

### CHIYODA FLUX CORE WIRE (GASLESS)

| DESCRIPTION | PACKING     | LIST PRICE / KG (RM) |
|-------------|-------------|----------------------|
| 0.8MM       | 5 KG / COIL | 28.40                |

### AIRGAS ER70S-6 CO2 WIRE

| DESCRIPTION | PACKING      | LIST PRICE / KG (RM) |
|-------------|--------------|----------------------|
| 0.8MM       | 5 KG / COIL  | 10.00                |
| 0.8MM       | 15 KG / COIL | 7.30                 |
| 1.0MM       | 15 KG / COIL | 7.10                 |
| 1.2MM       | 15 KG / COIL | 7.10                 |

### CHIYODA ER70S-6 CO2 MIG WIRE

| DESCRIPTION | PACKING      | LIST PRICE / KG (RM) |
|-------------|--------------|----------------------|
| 0.8MM       | 15 KG / COIL | 7.60                 |
| 1.0MM       | 15 KG / COIL | 7.50                 |
| 1.2MM       | 15 KG / COIL | 7.40                 |
| 1.6MM       | 15 KG / COIL | 7.50                 |

### MASTCORD 5356 ALUMINIUM MIG WIRE

| DESCRIPTION | PACKING     | LIST PRICE / KG (RM) |
|-------------|-------------|----------------------|
| 0.8MM       | 7 KG / COIL | 63.60                |
| 1.0MM       | 7 KG / COIL | 48.60                |
| 1.2MM       | 7 KG / COIL | 44.30                |

### PANACRAFT 4047 ALUMINIUM MIG WIRE

| DESCRIPTION | PACKING     | LIST PRICE / KG (RM) |
|-------------|-------------|----------------------|
| 0.8MM       | 7 KG / COIL | 70.00                |
| 1.0MM       | 7 KG / COIL | 58.00                |
| 1.2MM       | 7 KG / COIL | 55.00                |

### MASTCORD S/STEEL FLUX CORE MIG WIRE 308-LT1

| DESCRIPTION | PACKING        | LIST PRICE / KG (RM) |
|-------------|----------------|----------------------|
| 1.2MM       | 12.5 KG / COIL | 80.00                |

### MASTCORD S/STEEL FLUX CORE MIG WIRE 308-LT0

| DESCRIPTION | PACKING        | LIST PRICE / KG (RM) |
|-------------|----------------|----------------------|
| 1.2MM       | 12.5 KG / COIL | 80.00                |

### MASTCORD S/STEEL MIG WIRE 308LSI

| DESCRIPTION | PACKING        | LIST PRICE / KG (RM) |
|-------------|----------------|----------------------|
| 0.8MM       | 12.5 KG / COIL | 51.20                |
| 1.0MM       | 12.5 KG / COIL | 50.00                |
| 1.2MM       | 12.5 KG / COIL | 50.00                |

### MASTCORD S/STEEL FLUX CORE MIG WIRE 316-LT1

| DESCRIPTION | PACKING        | LIST PRICE / KG (RM) |
|-------------|----------------|----------------------|
| 1.2MM       | 12.5 KG / COIL | 117.00               |



S/STEEL  
MIG WIRE



ALUMINIUM  
WIRE

## SHIYO MA PORTABLE INVERTER WELDING MACHINES



MA 2200



MA 2600

### **SPECIFICATION**

| MODEL                            | MA 2200                 | MA 2600                 |
|----------------------------------|-------------------------|-------------------------|
| INPUT POWER VOLTAGE (VAC)        | SINGLE PHASE<br>220±15% | SINGLE PHASE<br>220±15% |
| INPUT FREQUENCY (HZ)             | 50/60                   | 50/60                   |
| RATED INPUT POWER CAPACITY (KVA) | 5.3                     | 7                       |
| OUTPUT CURRENT RANGE (A)         | 20 ~ 160                | 20 ~ 200                |
| RATE OUTPUT VOLTAGE (V)          | 26.4                    | 28                      |
| DUTY CYCLE (%)                   | 50                      | 50                      |
| EFFICIENCY (%)                   | 85                      | 85                      |
| POWER FACTOR (COSØ)              | 0.93                    | 0.93                    |
| INSULATION CLASS                 | F                       | F                       |
| PROTECTION CLASS                 | IP23                    | IP23                    |
| DIAMETER OF ROD (MM)             | 2.0 ~ 3.2               | 2.0 ~ 3.2               |
| WEIGHT (KG)                      | 8                       | 8                       |
| DIMENSION (MM)                   | 371 x 153 x 299         | 371 x 153 x 299         |
| <b>LIST PRICE / UNIT (RM)</b>    | 870.00                  | 1,150.00                |



MA 2800A



MA 3200 IGBT

### **SPECIFICATION**

| MODEL                            | MA 2800A               | MA 3200 IGBT            |
|----------------------------------|------------------------|-------------------------|
| INPUT POWER VOLTAGE (VAC)        | THREE PHASE<br>415±15% | SINGLE PHASE<br>220±15% |
| INPUT FREQUENCY (HZ)             | 50/60                  | 50/60                   |
| RATED INPUT POWER CAPACITY (KVA) | 9.4                    | 9.4                     |
| OUTPUT CURRENT RANGE (A)         | 20 ~ 250               | 30 ~ 260                |
| RATE OUTPUT VOLTAGE (V)          | 30                     | 30                      |
| DUTY CYCLE (%)                   | 60                     | 60                      |
| EFFICIENCY (%)                   | 85                     | 85                      |
| POWER FACTOR (COSØ)              | 0.93                   | 0.93                    |
| INSULATION CLASS                 | F                      | F                       |
| PROTECTION CLASS                 | IP23                   | IP23                    |
| DIAMETER OF ROD (MM)             | 2.0 ~ 4.0              | 2.6 ~ 4.0               |
| WEIGHT (KG)                      | 17.2                   | 16                      |
| DIMENSION (MM)                   | 480 x 503 x 369        | 480 x 200 x 330         |
| <b>LIST PRICE / UNIT (RM)</b>    | 2,170.00               | 2,000.00                |

## SHIYO INVERTER WELDING MACHINES



### SPECIFICATION

| MODEL                             | MA 400A         | MA 4000         | MA 5500         |
|-----------------------------------|-----------------|-----------------|-----------------|
| INPUT VOLTAGE(V,HZ) : THREE PHASE | 415±10%         | 415±10%         | 415±10%         |
| RATED INPUT POWER CAPACITY (KVA)  | 12              | 18              | 25              |
| INPUT FREQUENCY (HZ)              | 50/60           | 50/60           | 50/60           |
| NO-LOAD VOLTAGE (V)               | 80              | 72              | 80              |
| OUTPUT CURRENT RANGE (A)          | 30 ~ 300        | 40 ~ 400        | 40 ~ 550        |
| DUTY CYCLE (%)                    | 60              | 60              | 60              |
| EFFICIENCY (%)                    | 85              | 85              | 85              |
| POWER FACTOR (Cos Φ)              | 0.93            | 0.93            | 0.93            |
| INSULATION CLASS                  | F               | F               | F               |
| PROTECTION CLASS                  | IP 23           | IP 23           | IP 23           |
| DIAMETER OF ROD (MM)              | 2.0 ~ 5.0       | 2.0 ~ 5.0       | 2.0 ~ 5.0       |
| WEIGHT (KG)                       | 19              | 33              | 51              |
| DIMENSION (MM)                    | 510 x 220 x 440 | 540 x 280 x 515 | 650 x 330 x 660 |
| <b>LIST PRICE / UNIT (RM)</b>     | 2,670.00        | 4,170.00        | 5,670.00        |



### SPECIFICATION

| MODEL                         | MA 2000                 | MA 2300                 |
|-------------------------------|-------------------------|-------------------------|
| INPUT POWER VOLTAGE (VAC)     | SINGLE PHASE<br>220±15% | SINGLE PHASE<br>220±15% |
| INPUT FREQUENCY (HZ)          | 50/60                   | 50/60                   |
| RATED INPUT CURRENT (A)       | 25.6                    | 26.4                    |
| OUTPUT CURRENT RANGE (A)      | 20 - 150                | 20 - 160                |
| DUTY CYCLE (%)                | 60                      | 60                      |
| EFFICIENCY (%)                | 85                      | 85                      |
| POWER FACTOR (COS Ø)          | 0.93                    | 0.93                    |
| DIAMETER OF ROD (MM)          | 2.0 - 2.6               | 2.0 - 3.2               |
| WEIGHT (KG)                   | 5                       | 8                       |
| DIMENSION (MM)                | 290 x 133 x 195         | 371 x 153 x 232         |
| <b>LIST PRICE / UNIT (RM)</b> | 530.00                  | 670.00                  |

**\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\***

## **SHIYO MA 5000 INVERTER WELDING MACHINE**

**MMA/TIG**



| MODEL                           | MA 5000               |
|---------------------------------|-----------------------|
| INPUT VOLTAGE (VAC)             | 3 Phase 415 $\pm$ 15% |
| INPUT FREQUENCY (Hz)            | 50/60                 |
| RATED INPUT CAPACITY (KVA)      | 25                    |
| RATED INPUT CURRENT (A)         | 38                    |
| NO-LOAD VOLTAGE (V)             | 72                    |
| OUTPUT CURRENT RANGE (A)        | 18 ~ 420              |
| RATED OUTPUT VOLTAGE (V)        | 40                    |
| DRIVE CURRENT RANGE (A)         | 0 ~ 100               |
| HEAT ARC - STARTING CURRENT (A) | 0 ~ 100               |
| DUTY CYCLE (%)                  | 60                    |
| NO LOAD LOSS (W)                | 200                   |
| EFFICIENCY (%)                  | 85                    |
| POWER FACTOR (Cos $\Phi$ )      | 0.93                  |
| INSULATION CLASS                | F                     |
| CABINET PROTECTION CLASS        | IP23                  |
| WEIGHT (KG)                     | 51                    |
| DIMENSION (MM)                  | 565 X 283 X 426       |
| <b>LIST PRICE / UNIT (RM)</b>   | 3,000.00              |

## **SHIYO MA 8000 IGBT INVERTER WELDING MACHINE**

**MMA/GOUGING**



| MODEL                           | MA 8000               |
|---------------------------------|-----------------------|
| INPUT VOLTAGE (VAC)             | 3 Phase 415 $\pm$ 15% |
| INPUT FREQUENCY (Hz)            | 50/60                 |
| RATED INPUT CAPACITY (KVA)      | 35                    |
| RATED INPUT CURRENT (A)         | 54                    |
| NO-LOAD VOLTAGE (V)             | 72                    |
| OUTPUT CURRENT RANGE (A)        | 60 ~ 560              |
| RATED OUTPUT VOLTAGE (V)        | 44                    |
| DRIVE CURRENT RANGE (A)         | 0 ~ 100               |
| HEAT ARC - STARTING CURRENT (A) | 0 ~ 100               |
| DUTY CYCLE %                    | 60                    |
| NO LOAD LOSS (W)                | 200                   |
| EFFICIENCY %                    | 85                    |
| POWER FACTOR (COS $\Phi$ )      | 0.93                  |
| INSULATION CLASS                | F                     |
| CABINET PROTECTION CLASS        | IP23                  |
| WEIGHT (KG)                     | 53                    |
| DIMENSION (MM)                  | 680 X 330 X 550       |
| <b>LIST PRICE / UNIT (RM)</b>   | 6,000.00              |



## SHIYO MIG INVERTER MACHINES



MIG 160



MIG 200

### SPECIFICATION

| MODEL                            | MIG 160                         | MIG 200                  |
|----------------------------------|---------------------------------|--------------------------|
| INPUT POWER VOLTAGE (VAC)        | SINGLE PHASE<br>220V±15%        | SINGLE PHASE<br>220V±15% |
| RATED INPUT POWER CAPACITY (KVA) | 7.4                             | 6.4                      |
| INPUT FREQUENCY (HZ)             | 50/60                           | 50 /60                   |
| OUTPUT CURRENT RANGE (A)         | 20 - 160 (MM)<br>50 - 160 (MIG) | 50 - 200                 |
| DUTY CYCLE (%)                   | 35% 40°C                        | 60                       |
| EFFICIENCY (%)                   | 85                              | 85                       |
| POWER FACTOR (COS Ø)             | 0.70                            | 0.85                     |
| DIAMETER OF WIRE (MM)            | 0.6/0.8/0.9                     | 0.8/1.0                  |
| WEIGHT (KG)                      | 480 x 230 x 360                 | 500x 263 x 430           |
| DIMENSION (MM)                   | 18                              | 25                       |
| <b>LIST PRICE / UNIT (RM)</b>    | 2,670.00                        | 2,850.00                 |



MIG 200S



MIG 500

### SPECIFICATION

| MODEL                            | MIG 200S                        | MIG 500                 |
|----------------------------------|---------------------------------|-------------------------|
| INPUT POWER VOLTAGE (VAC)        | SINGLE PHASE<br>220±15%         | THREE PHASE<br>415V±10% |
| RATED INPUT POWER CAPACITY (KVA) | 6.6                             | 19.5                    |
| INPUT FREQUENCY (HZ)             | 50 /60                          | 50/60                   |
| OUTPUT CURRENT RANGE (A)         | 30 - 180 (MM)<br>70 - 160 (MIG) | 50 - 500                |
| DUTY CYCLE (%)                   | 60                              | 60                      |
| EFFICIENCY (%)                   | 85                              | 90                      |
| POWER FACTOR (COS Ø)             | 0.85                            | 0.91                    |
| DIAMETER OF WIRE (MM)            | 0.8/1.0                         | 1.0/1.2/1.6             |
| WEIGHT (KG)                      | 8.2                             | 50                      |
| DIMENSION (MM)                   | 900 x 520 x 725                 | 680 x 340 x 615         |
| <b>LIST PRICE / UNIT (RM)</b>    | 1,390.00                        | 6,000.00                |

\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\*

## SHIYO TIG INVERTER MACHINES



TIG 200A



TIG 255i



TIG 400



TIG 315P AC/DC

### SPECIFICATION

| Model                           | TIG200A                     | TIG255i                   | TIG400                 | TIG315P AC/DC            |
|---------------------------------|-----------------------------|---------------------------|------------------------|--------------------------|
| INPUT POWER VOLTAGE(V)          | SINGLE - PHASE<br>220±15%   | SINGLE - PHASE<br>220±15% | THREE PHASE<br>415±15% | THREE - PHASE<br>415±10% |
| INPUT VOLTAGE FREQUENCY (HZ)    | 50/60 HZ                    | 50/60 HZ                  | 50/60                  | 50/60 HZ                 |
| RATE INPUT POWER CAPACITY (KVA) | 4.6                         | 7.5                       | 12.5                   | 8.9                      |
| WELDING CURRENT RANGE (A)       | 10-200A                     | 24-240A                   | 15-350A                | 10-315A                  |
| DUTY CYCLE (%)                  | 100% AT 130A<br>60% AT 160A | 60                        | 60                     | 60                       |
| NO LOAD VOLTAGE (V)             | 42V                         | 54V                       | 55V                    | 45V                      |
| RATED OUTPUT VOLTAGE (V)        | 18.5V                       | 20                        | 22                     | 23V                      |
| POST FLOW TIME (S)              | 2.5/5.0                     | 2.5/5.0                   | 2.5/5.0                | 0-10                     |
| STARTING ARC                    | HF                          | HF                        | HF                     | HF                       |
| EFFICIENCY (%)                  | 85                          | 85                        | 85                     | 85                       |
| SPOT WELD REPEAT TIME (S)       | 0.05S                       | 0.05S                     | 0.05S                  | 0.05S                    |
| O.C.V (V)                       | 54                          | -                         | -                      | -                        |
| POWER FACTOR (COS Φ)            | 0.93                        | 0.93                      | 0.93                   | 0.93                     |
| INSULATION CLASS                | F                           | F                         | F                      | F                        |
| PROTECTION CLASS                | IP23                        | IP23                      | IP23                   | IP23                     |
| POST-LOW TIME (S)               | 5                           | 5                         | 5                      | 10                       |
| WELDING THICKNESS (MM)          | 0.5-8                       | 0.5-10                    | 0.5-10                 | 0.5-15                   |
| WEIGHT (KG)                     | 8                           | 19                        | 21.5                   | 37                       |
| DIMENSION (MM)                  | 493 x 330 x 320             | 200 x 300 x 490           | 233 x 360 x 480        | 560 x 365 x 365          |
| <b>LIST PRICE (RM)</b>          | 2,000.00                    | 2,700.00                  | 4,300.00               | 8,500.00                 |

## SHIYO INVERTER AIR PLASMA CUTTING MACHINES



CUT 50



CUT 70



CUT 120

### SPECIFICATION

| MODEL                                                | CUT 50                      | CUT 70                   | CUT 120                  |
|------------------------------------------------------|-----------------------------|--------------------------|--------------------------|
| INPUT POWER VOLTAGE (V)                              | SINGLE - PHASE<br>AC220±15% | THREE - PHASE<br>415±10% | THREE - PHASE<br>415±10% |
| INPUT VOLTAGE FREQUENCY (HZ)                         | 50/60 HZ                    | 50/60 HZ                 | 50/60 HZ                 |
| RATE CURRENT RANGE (A)                               | 24                          | -                        | -                        |
| CURRENT RANGE (A)                                    | 10-50                       | -                        | -                        |
| MAX OPEN CIRCUIT VOLTAGE (V)                         | 225                         | 240                      | 260                      |
| DUTY CYCLE (%)                                       | 60                          | 60                       | 60                       |
| EFFICIENCY (%)                                       | 85                          | 85                       | 85                       |
| MAX CUTTING THICKNESS (MM)                           | 20                          | -                        | -                        |
| INSULATION CLASS                                     | B                           | F                        | F                        |
| DEGREE OF PROTECTION                                 | IP 21                       | IP 23                    | IP 23                    |
| RATE INPUT POWER CAPACITY (KVA)                      | 6-7                         | 10.2                     | 16.5                     |
| OUTPUT CURRENT RANGE (A)                             | 20-50                       | 20-70                    | 20-100                   |
| RATE OUTPUT VOLTAGE (V)                              | 105                         | 115                      | 130                      |
| POWER FACTOR (COS Φ )                                | 0.93                        | 0.93                     | 0.93                     |
| ARCING WAY                                           | TOUCH                       | NON-CONTACT              | NON-CONTACT              |
| SUGGESTING AIR COMPRESSOR AIR DISPLACEMENT (M / MIN) | 0.25                        | 0.25                     | 0.36                     |
| MAX CUTTING THICKNESS (MM)<br>(FOR - S/STEEL)        | 10                          | 25                       | 30                       |
| WEIGHT (KG)                                          | 15                          | 21                       | 36                       |
| <b>LIST PRICE (RM)</b>                               | 2,170.00                    | 4,000.00                 | 5,350.00                 |

## **CHIYODA MIG INVERTER MACHINES**



**MIG 6000**



**AMIG 500P**

### **SPECIFICATION**

| <b>MODEL</b>                          | <b>MIG 6000</b>                   | <b>AMIG 500P</b>                  |
|---------------------------------------|-----------------------------------|-----------------------------------|
| RATED INPUT VOLTAGE<br>FREQUENCY (HZ) | THREE - PHASE<br>415±10%, 50/60HZ | THREE - PHASE<br>415±10%, 50/60HZ |
| RATED INPUT CAPACITY (KVA)            | 23                                | 23.4                              |
| RATED INPUT CURRENT (A)               | 32                                | 36.1                              |
| DUTY CYCLE (40°C)                     | 100%@500A                         | 60%@500A                          |
| OCV (V)                               | 82                                | 106                               |
| OUTPUT CURRENT RANGE (A)              | 60-500                            | 60-500                            |
| OUTPUT VOLTAGE RANGE (V)              | 14-50                             | 14-50                             |
| TRIGGER MODE                          | 2/4T                              | 2/4T, SPOT, SPECIAL 4T            |
| DIAMETER OF WIRE (MM)                 | 1.0/1.2/1.6                       | 0.8/1.0/1.2/1.6                   |
| DOUBLE PULSE FREQUENCY (HZ)           | -                                 | 0.5 - 5                           |
| JOB CHANNELS                          | -                                 | 100                               |
| PROTECTION CLASS                      | IP23S                             | IP23S                             |
| INSULATION CLASS                      | H                                 | -                                 |
| WEIGHT (KG)                           | 50                                | 50                                |
| DIMENSION (MM)                        | 655 X 324 X 546                   | 655 X 324 X 546                   |
| <b>LIST PRICE (RM)</b>                | <b>7,800.00</b>                   | <b>22,800.00</b>                  |

### **SPECIFICATION**

| <b>MODEL</b>                     | <b>MIG 238</b>            |
|----------------------------------|---------------------------|
| INPUT POWER VOLTAGE (VAC)        | SINGLE - PHASE<br>220±15% |
| RATED INPUT POWER CAPACITY (KVA) | 7.5                       |
| INPUT FREQUENCY (HZ)             | 50/60                     |
| OUTPUT CURRENT RANGE (A)         | 50 ~ 200                  |
| DUTY CYCLE (%)                   | 60                        |
| EFFICIENCY (%)                   | 85                        |
| POWER FACTOR (COS Ø)             | 0.85                      |
| DIAMETER OF WIRE (MM)            | 0.8 / 1.0                 |
| WEIGHT (KG)                      | 46                        |
| DIMENSION (MM)                   | 820 X 295 X 610           |
| <b>LIST PRICE (RM)</b>           | <b>3,000.00</b>           |



## **CHIYODA MA INVERTER WELDING MACHINE**

### **SPECIFICATION**

| <b>MODEL</b>                        | <b>MA 3000S</b>                   |
|-------------------------------------|-----------------------------------|
| RATED INPUT VOLTAGE /FREQUENCY (HZ) | SINGLE - PHASE<br>220±15% 50/60HZ |
| RATED INPUT CAPACITY (KVA)          | 8.6                               |
| RATED INPUT CURRENT (A)             | 39                                |
| DUTY CYCLE (40°C)                   | 35%@200A                          |
| OCV (V)                             | 59                                |
| OUTPUT CURRENT RANGE (A)            | 10 ~ 200                          |
| EFFICIENCY (%)                      | >80%                              |
| COS                                 | 0.98                              |
| PROTECTION CLASS                    | IP23S                             |
| INSULATION CLASS                    | F                                 |
| WEIGHT (KG)                         | 7.3                               |
| DIMENSION (MM)                      | 381 X 155 X 298                   |
| <b>LIST PRICE (RM)</b>              | <b>1,700.00</b>                   |



MA 3000S

## **CHIYODA AIR PLASMA CUTTING INVERTER MACHINE**

### **SPECIFICATION**

| <b>MODEL</b>                        | <b>CUT 12</b>                      |
|-------------------------------------|------------------------------------|
| RATED INPUT VOLTAGE /FREQUENCY (HZ) | SINGLE - PHASE<br>220±10%, 50/60HZ |
| RATED INPUT CAPACITY (KVA)          | 7                                  |
| RATED INPUT CURRENT (A)             | 30.6                               |
| DUTY CYCLE (40°C)                   | 60%@40A                            |
| OCV (V)                             | 285                                |
| OUTPUT CURRENT RANGE (A)            | 15 ~ 40                            |
| ARC IGNITION METHOD                 | HF CONTACT                         |
| MAX CUTTING THICKNESS (MM)          | ≤12                                |
| CLEAN CUT THICKNESS (MM)            | 1-7                                |
| AIR PRESSURE (Mpa)                  | 0.5 - 0.8                          |
| EFFICIENCY (%)                      | >80%                               |
| COS                                 | 0.98                               |
| PROTECTION CLASS                    | IP23S                              |
| INSULATION CLASS                    | F                                  |
| WEIGHT (KG)                         | 9                                  |
| DIMENSION (MM)                      | 391 X 155 X 298                    |
| <b>LIST PRICE (RM)</b>              | <b>3,000.00</b>                    |



CUT 12

## CHIYODA STUD WELDING MACHINE

Steel structure stud welders are widely used in steel construction projects, for example Expo pavilions, Industrial plants, landmarking skyscrapers, high-speed rail embedded parts, ribbed bar welding, shear studs welding etc. for studs and bolts M4-M36mm.

**MOTHER MATERIALS AND WELDING EFFECTS:** Carbon steel, low alloy steel, copper etc. materials with arc weldability. Welding in the workpiece surface of oxide layer, oil slick, priming paint or electroplate. After welding, no deformation, no convex, downward position welding, vertical position welding, overhead position welding, all position welding.

**APPLICABLE WELDING PROJECTS:** Klin, boiler, shipbuilding, power plant, chemical engineering, mechanical equipment, various pipeline, vessel, bucket, vehicle manufacturing etc. thickness  $\geq 3\text{mm}$ , welding M4m - M36mm pins, studs, pin bolts, specialshaped pins, corrugated pins, anchoring parts etc. similar studs and bolts.



## STANDARD ACCESSORIES

Standard Accessories of Steel Structure Stud Welders

| NO. | Accessories            | Spec.                   | Qty.           |
|-----|------------------------|-------------------------|----------------|
| (1) | Weld Gun With 2m Cable | YF—DH—25                | 1pc            |
| (2) | Weld Cable             | 120mm <sup>2</sup>      | 20m            |
| (3) | Earth Cable            | 120mm <sup>2</sup>      | 5m             |
| (4) | Chucks                 | Φ13, Φ16, Φ19, Φ22, Φ25 | 15 pcs Totally |
| (5) | Ferrule Foot Plate     | Φ13, Φ16, Φ19, Φ22, Φ25 | 15 pcs Totally |
| (6) | Earth Clamp            | N/A                     | 1pc            |

**Note:**

1. When ordering our arc stud welders, the above standard accessories are free of charge.
2. Please inform us specifications and quantity of chucks and ferrule foot plate when ordering.

# CHIYODA STUD WELDING MACHINE

## PRODUCT FEATURES

- IGBT Inverter technology.
- Low price, less weight, power efficient, safe and reliable.
- Easy control and digital display of welding voltage, current and time.
- Special torch with extending cables, large lifting force, low heat and durable
- Inner circuit board is under waterproof, anticorrosion, damp proof and dustproof treatment.
- Compensatory capabilities of power voltage. When the voltage decreases, this machine can automatically stabilize welding parameters, when the voltage is extremely low, the machine still can work normally (only the max welding current is a little lower), the welding strength is much higher than ordinary welding machine.

This feature applies to: electricity shortage and multiple equipments operating simultaneously in construction sites such as projects powered by generators, ship building, steel construction etc.



## TECHNICAL DATA

| Item                                                                                                                                                                                                                                                                                                                                                                                | RSN7—1600            | RSN7—2000            | RSN7—2500            | RSN7—3150            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|----------------------|
| Welding Range                                                                                                                                                                                                                                                                                                                                                                       | Φ 3mm—Φ 20mm         | Φ 3mm—Φ 24mm         | Φ 3mm—Φ 28mm         | Φ 3mm—Φ 32mm         |
| Welding Current                                                                                                                                                                                                                                                                                                                                                                     | 200A—160A            | 200A—2000A           | 200A—2500A           | 300A—3150A           |
| Welding Time                                                                                                                                                                                                                                                                                                                                                                        | 0.1S—3.0S            | 0.1S—3.0S            | 0.1S—3.0S            | 0.1S—3.0S            |
| Welding Speed                                                                                                                                                                                                                                                                                                                                                                       | Φ 20 15 pcs / minute | Φ 24 15 pcs / minute | Φ 28 15 pcs / minute | Φ 32 15 pcs / minute |
| Input Power                                                                                                                                                                                                                                                                                                                                                                         | AC 3~415V± 10%       | AC 3~415V± 10%       | AC 3~415V± 10%       | AC 3~415V± 10%       |
| Rate Input Power                                                                                                                                                                                                                                                                                                                                                                    | 50KW                 | 60KW                 | 80KW                 | 100KW                |
| Power Switch                                                                                                                                                                                                                                                                                                                                                                        | 100A                 | 125A                 | 160A                 | 225A                 |
| Protect Grade                                                                                                                                                                                                                                                                                                                                                                       | IP23                 | IP23                 | IP23                 | IP23                 |
| Cooling Way                                                                                                                                                                                                                                                                                                                                                                         | F                    | F                    | F                    | F                    |
| Dimension (L, W, H)                                                                                                                                                                                                                                                                                                                                                                 | 890mm×368mm×560mm    | 890mm×398mm×680mm    | 890mm×398mm×680mm    | 890mm×398mm×800mm    |
| Weight                                                                                                                                                                                                                                                                                                                                                                              | 98kg                 | 120kg                | 130kg                | 165kg                |
| Please Note:<br>1.All above data are subject to technical modifications.<br>2.Standard input power of our stud welders is AC 3 phase are subject to technical modifications.+<br>under AC 3 phase 220V±10% single voltage, 380V±10% single voltage, 220/380V±10% double voltage, 480V±10% single voltage.<br>3.When ordering, please inform us your local industrial input voltage. |                      |                      |                      |                      |

## **SHIYO WATER COOLER WRC-300A**

| <b>MODEL</b>                           | <b>WRC-300A</b>     |
|----------------------------------------|---------------------|
| INPUT POWER VOLTAGE / FREQUENCY (V/HZ) | 220V 50 / 60HZ      |
| COOLING CAPACITY                       | 1.6KW (L / MIN)     |
| MOTOR                                  | 260W                |
| MAX PRESSURE                           | 0.3MPA / 60HZ       |
| TANK                                   | 9L                  |
| FLOW RATE                              | 8.5L / MIN 6MH      |
| OPERATION                              | -20°C - 60°C        |
| RADIATOR                               | 2R COPPER 26 X 36CM |
| PUMP                                   | STAINLESS STEEL     |
| WEIGHT (KG)                            | 14                  |
| DIMENSION (MM)                         | 450 X 250 X 355     |
| <b>LIST PRICE (RM) :</b>               | <b>1,670.00</b>     |



**WRC-300A**

## **SHIYO ELECTRODE DRYERS**

| <b>MODEL</b>                       | <b>LIST PRICE (RM)</b> |
|------------------------------------|------------------------|
| 5 KG AC/DC ING DRYER               | 200.00                 |
| 5 KG DC ING DRYER                  | 200.00                 |
| 10 KG AC/DC ING DRYER              | 250.00                 |
| 10 KG DC ING DRYER                 | 250.00                 |
| 10 KG JAPAN ING DRYER (MODEL : FA) | 1,100.00               |



**5 KG DRYER**



**10 KG DRYER**

## **SHIYO HOLE PUNCHER MACHINES**

| <b>MODEL</b>                                                  | <b>LIST PRICE (RM)</b> |
|---------------------------------------------------------------|------------------------|
| SHIYO MANUAL PUNCHING MACHINE C/W 14.5MM DIES (MODEL : 21/16) | 1,250.00               |
| SHIYO MANUAL PUNCHING MACHINE C/W 9/32 DIES (MODEL : 21/8)    | 1,050.00               |



**HOLE PUNCHER MACHINE**

## **SHIYO AUTOMATIC GAS CUTTING MACHINE**

### **MODEL: SH-12**

| <b>Model</b>        | <b>SHIYO SH - 12</b>  |
|---------------------|-----------------------|
| CUTTING SPEED       | 150 - 800 MM/MIN      |
| REDUCTION GEAR      | SINGLE CONE SYSTEM    |
| CUTTING THICKNESS   | 5 - 50MM              |
| WHEEL DISTANCE      | 160MM                 |
| WEIGHT (KG)         | 9.5                   |
| DIMENTION (MM)      | 350MM X 140MM X 175MM |
| <b>LIST PRICE :</b> | <b>RM 1,800.00</b>    |



SH -12

| <b>STANDARD ACCESSORIES</b>                | <b>PIECE</b> |
|--------------------------------------------|--------------|
| CUTTING NOZZLE (ANME) 1/32", 3/64" & 1/16" | 3            |
| 1.8M STEEL RAIL                            | 1            |
| CABLE CORD                                 | 1            |

## **PORTABLE AUTOMATIC GAS PIPE CUTTING MACHINE**

| <b>Model</b>            | <b>SHIYO SH 2 - 11L</b>                                 |
|-------------------------|---------------------------------------------------------|
| EFFECTIVE PIPE DIAMETER | 10-600MM (STANDARD)<br>BIGGER SIZE WITH BELT (OPTIONAL) |
| POWER                   | AC220V                                                  |
| PIPE THICKNESS (MM)     | 5-50                                                    |
| DRIVE                   | AC/DC GEARED MOTOR                                      |
| TORCH                   | INJECTOR TYPE TO SUIT ACETYLENE                         |
| CUTTING SPEED (MM)      | 5-780                                                   |
| WEIGHT (KG)             | 20                                                      |
| DIMENSIONS (MM)         | 350 X 310 X 280                                         |
| <b>LIST PRICE :</b>     | <b>RM 3,900.00</b>                                      |



## SHIYO SEMI-AUTO CIRCULAR CUTTER

### MODEL: SH2-600II

| MODEL                                  |                                   | SHIYO SH2-600II |
|----------------------------------------|-----------------------------------|-----------------|
| VOLTAGE                                |                                   | AC 240 V        |
| CUTTING RANGE                          | MAX. DIAMETER OF CIRCULAR CUTTING | Φ100 - Φ600 MM  |
|                                        | CUTTING THICKNESS (STEEL PLATE)   | 5 - 100 MM      |
|                                        | CUTTING SPEED                     | 0.2 - 0.6 RPM   |
| WEIGHT                                 |                                   | 38 KG           |
| <b>LIST PRICE / UNIT : RM 6,900.00</b> |                                   |                 |



SH2 - 600II

## SHIYO SHAPE CUTTING MACHINE

### MODEL: CG2-150

| MODEL                                  |                                   | SHIYO CG2-150              |
|----------------------------------------|-----------------------------------|----------------------------|
| VOLTAGE                                |                                   | AC 240 V                   |
| CUTTING RANGE                          | CUTTING THICKNESS (STEEL PLATE)   | 5-100 MM                   |
|                                        | CUTTING SPEED                     | 50-750 MM / min            |
|                                        | MAX. SIZE FOR SQUARE CUTTING      | 500 x 500 MM               |
|                                        | MAX. STRAIGHT LINE CUTTING        | 1200 MM                    |
|                                        | MAX. DIAMETER OF CIRCULAR CUTTING | 600 MM                     |
|                                        | MAX. SIZE FOR RECTANGULAR CUTTING | 400 x 900 MM; 450 x 750 MM |
| WEIGHT                                 |                                   | 35 KG                      |
| <b>LIST PRICE / UNIT : RM 4,000.00</b> |                                   |                            |

| STANDARD ACCESSORIES                       | QUANTITY |
|--------------------------------------------|----------|
| CUTTING NOZZLE (ANME) 1/32", 3/64" & 1/16" | 3 PCS    |
| 10 METER CABLE CORD                        | 1 LENGTH |



CG2-150

## SHIYO AUTO PIPE CUTTING MACHINE

### MODEL: SH2-11D

| MODEL                                  | SHIYO SH2-11D               |
|----------------------------------------|-----------------------------|
| POWER SOURCE                           | AC 220V±10%                 |
| CUTTING SPEED                          | 50 ~ 1150MM/MIN             |
| CUTTING THICKNESS                      | 5-50MM                      |
| GROOVE ANGLE                           | 0° - 45°                    |
| CUTTING DIAMETER                       | Φ150 - Φ600MM               |
| TIP                                    | G02(ACETYLENE) G03(PROPANE) |
| MOTOR                                  | 70ZYT08 85W 6000R/MIN       |
| WEIGHT                                 | 16KG                        |
| DIMENSION                              | 280MM X 280MM X 450MM       |
| <b>LIST PRICE / UNIT : RM 7,000.00</b> |                             |



SH2-11D

## SHIYO PORTABLE PIPE GAS CUTTING MACHINE

### MODEL: SH2-11G

| MODEL                           | SHIYO CG2-11G                                 |
|---------------------------------|-----------------------------------------------|
| BEVEL ANGLE                     | 0° - 45°                                      |
| PIPE CUTTING DIAMETER           | Φ150 - Φ 600 MM<br>OVER 600 MM BY EXTRA CHAIN |
| WEIGHT                          | 17KG (37.5LBS)                                |
| DIMENSION                       | 285 X 320 X 390 MM                            |
| <b>LIST PRICE : RM 2,000.00</b> |                                               |

| STANDARD ACCESSORIES                       | QUANTITY         |
|--------------------------------------------|------------------|
| CUTTING NOZZLE (ANME) 1/32", 3/64" & 1/16" | 3 PCS            |
| CHAIN                                      | 1 SET / 80 LINKS |



SH2-11G

## CHIYODA GAS CUTTING EQUIPMENT (MADE IN JAPAN)

| MODEL                           | VIC-12 STRAIGHT LINE CUTTING MACHINE |
|---------------------------------|--------------------------------------|
| VOLTAGE                         | AC 200V                              |
| CUTTING THICKNESS               | 5 - 60mm                             |
| BEVEL CUTTING                   | 45°                                  |
| WEIGHT                          | Body 5kgs, Rail 5.3kgs               |
| <b>LIST PRICE : RM 6,350.00</b> |                                      |



VIC 12

| MODEL                            | VIC-17 STRAIGHT LINE FLAME CUTTING MACHINE (SINGLE TORCH) |
|----------------------------------|-----------------------------------------------------------|
| VOLTAGE                          | AC 220V                                                   |
| SPEEDS                           | 80 - 80mm/min.(50HZ)                                      |
| CUTTING THICKNESS                | 5 - 150mm                                                 |
| WEIGHT                           | Body 11.5kgs, Rail 5.3kgs                                 |
| <b>LIST PRICE : RM 10,500.00</b> |                                                           |
| MODEL                            | VIC-17 STRAIGHT LINE FLAME CUTTING MACHINE (DOUBLE TORCH) |
| <b>LIST PRICE : RM13,000.00</b>  |                                                           |



VIC-17

| MODEL                            | VIC - 22 AUTOMATIC SHAPE CUTTING MACHINE |
|----------------------------------|------------------------------------------|
| VOLTAGE                          | AC 200V                                  |
| SPEEDS                           | 100 - 1000mm/min.(50HZ)                  |
| CUTTING THICKNESS                | 3 - 100mm                                |
| CIRCLE CUTTING                   | 30 - 700mm $\phi$ (Standard)             |
|                                  | 30 - 700mm $\phi$ (Using Attachment)     |
| MAGNET ROLLER DIA                | 10mm                                     |
| WEIGHT                           | 33kgs                                    |
| <b>LIST PRICE : RM 21,350.00</b> |                                          |



VIC - 22

## CHIYODA GAS CUTTING EQUIPMENT (MADE IN JAPAN)

| MODEL                            | VIC-32 LARGE CIRCLE CUTTING MACHINE   |
|----------------------------------|---------------------------------------|
| VOLTAGE                          | AC 200V                               |
| SPEEDS                           | 100 - 850 MM / MIN. (S.C.R . CONTROL) |
| CUTTING DIAMETER                 | 30 - 1,000 MM $\Phi$ (STANDARD)       |
|                                  | 30 - 1,000 MM $\Phi$ (OPTIONAL)       |
| CUTTING THICKNESS                | 5 - 50 MM                             |
| BEVEL CUTTING                    | 45°                                   |
| WEIGHT                           | 25 KGS                                |
| <b>LIST PRICE : RM 23,500.00</b> |                                       |



VIC - 32

| MODEL                           | VIC-65E PIPE CUTTING MACHINE |
|---------------------------------|------------------------------|
| PIPE DIAMETER                   | 100 - 600mm (Standard)       |
| CUTTING THICKNESS               | 5 - 50mm                     |
| EDGE SHAPE                      | I or V                       |
| BEVEL CUTTING                   | Up to 45°                    |
| WEIGHT                          | 9 kgs                        |
| <b>LIST PRICE : RM 4,850.00</b> |                              |



VIC - 65 E

| MODEL                            | COSMO JUNIOR ZF - 400 PORTABLE AUTOMATIC SHAPE STEEL FLAME CUTTER |         |            |        |
|----------------------------------|-------------------------------------------------------------------|---------|------------|--------|
| VOLTAGE                          | AC 200V                                                           |         |            |        |
| SPEEDS                           | 0 - 800mm/min                                                     |         |            |        |
| CUTTING THICKNESS                | 3 - 25mm                                                          |         |            |        |
| BEVEL CUTTING                    | 45°                                                               |         |            |        |
| TYPE                             | Cutting Range (MM)                                                |         | RAIL       | WEIGHT |
|                                  | WEB                                                               | FLANGE  | LENGTH (M) | (KG)   |
| F - 300                          | 150-600                                                           | 100-300 | 1.2        | 12.8   |
| F - 400                          | 150-900                                                           | 100-400 | 1.5        | 15.6   |
| F - 500                          | 150-1700                                                          | 100-600 | 2.3        | 16.2   |
| <b>LIST PRICE : RM 23,500.00</b> |                                                                   |         |            |        |



'Z' F - 400

## “WINNING” NEW HOT - JET IS LAUNCHED (MADE IN JAPAN)

### NEW TYPE WJ25II SERIES

#### FEATURE

- DESIGN INTEGRATION, DOWNSIZING AND LIGHTENING IS ACHIEVED BY ADAPTING CURRENT W-51-A MODEL BASED ON W-47-A MODEL.
- BLOWER'S CHANGE IMPLEMENTS REDUCED ENERGY CONSUMPTION (COMPARING TO PREVIOUS MODEL, THE RELIABILITY IS IMPROVED).
- AIR VOLUME IS INCREASING BY FROM 10% TO 20%.
- CHANGING SIZE OF DIAMETER OF AIR HOSE, PRESSURE LOSE DECREASES. IT LEADS TO OPERATION EFFICIENCY.



NT-WJ25SII - ONE K-GUN IS EQUIPPABLE  
DIMENSION : 260(L) x 190(W) x 210(H)

**List Price : RM4,900.00**



NT-WJ25TII - TWO K-GUNS ARE EQUIPPABLE  
DIMENSION : 260(L) x 190(W) x 210(H)

**List Price : RM7,600.00**

**Inwelding, Take the under mentioned pressing power in reference.**

### S-BOND Plastic Welding Rods

| Product Code  | Cross-section                                                                                 | Packing    | List Price / KG (RM) |
|---------------|-----------------------------------------------------------------------------------------------|------------|----------------------|
| 0010200-G     |  2 ± 0.2mm | 5Kgs - Box | 80.00                |
| 0010300-T.G.W |  3 ± 0.2mm | 5Kgs - Box | 70.00                |
| 0020306-T.G.W |  6 ± 0.2mm | 5Kgs - Box | 70.00                |
| 0030305-T.G.W |  5 ± 0.2mm | 5Kgs - Box | 70.00                |
| 0030306-T.G.W |  6 ± 0.2mm | 5Kgs - Box | 70.00                |
| 0033305-T.G.W |  5 ± 0.2mm | 5Kgs - Box | 70.00                |

T = Transparent G = Grey W = White \*\* Other sides, shapes, colours also available, subject to the minimum quantity of 50kgs per run.

## SHIYO PORTABLE MAGNETIC DRILLING MACHINES

| MODEL (MAGNETIC STAND)  | SHIYO MT-500S | SHIYO MT-800S |
|-------------------------|---------------|---------------|
| DRILL CAPACITY          | 23            | 32            |
| POWER (V)               | 240           | 240           |
| STROKE (MM)             | 175           | 280           |
| TURNING ANGLE           | 330°          | 330°          |
| FORWARD & BACKWARD (MM) | 20            | 20            |
| MAGNET (MM)             | 190 X 110     | 225 X 135     |
| HEIGHT (MM)             | 400           | 545           |
| WEIGHT (KG)             | 17.1          | 35.2          |
| <b>LIST PRICE (RM)</b>  | 2,400.00      | 2,600.00      |



MT-500S  
& D-23



MT-800S  
& TC-32

| MODEL (DRILL)          | SHIYO D-23  | ATOLI TC-32 |
|------------------------|-------------|-------------|
| CAPACITY               | 23          | 32          |
| POWER (V)              | 240         | 240         |
| POWER INPUT (WATT)     | 1150        | 1600        |
| NO-LOAD SPEED          | 500 RPM/MIN | 330 RPM/MIN |
| WEIGHT (KG)            | 6.2         | 12.5        |
| CORD                   | 3 CORE      | 3 CORE      |
| <b>LIST PRICE (RM)</b> | 2,000.00    | 3,350.00    |



SH35M



SH45M



SH6025M

| Model (MAGNETIC DRILL SET)           | SH-35M          | SH-45M          | SH-6025M          |
|--------------------------------------|-----------------|-----------------|-------------------|
| POWER (V)                            | 220V-240V       | 220V-240V       | 220V-240V         |
| MOTOR RATED POWER CONSUMPTION        | 1100W           | 1850W           | 1850W             |
| MOTOR RATED AMPERE                   | 5A              | 7.5A            | 7.5A              |
| NO-LOAD SPEED                        | 780 RPM/MIN     | 650-720 RPM/MIN | 450-750 RPM/MIN   |
| NO-LOAD SPEED (2SPEED) - HIGH SPEED  | Manual Feed     | Manual Feed     | 720 RPM/MIN       |
| NO-LOAD SPEED (2SPEED) - LOW SPEED   |                 |                 | 400 RPM/MIN       |
| TOOL ADAPTOR INNER DIAMETER          | 19.05MM         | 19.05MM         | 19.05MM           |
| ADJUSTABLE IN HEIGHT FOR MAX. STROKE | 100MM           | 100MM           | 135MM             |
| COOLANT SUPPLY                       | VIA TOOL HOLDER | VIA TOOL HOLDER | VIA TOOL HOLDER   |
| MAGNET POWER CONSUMPTION             | 38W             | 38W             | 85W               |
| MAGNET ADHESION                      | 7350 N/ 750 KGF | 7350 N/ 750 KGF | 22540 N/ 2300 KGF |
| HOLE-CUTTING CAPACITY                | 13-35MM         | 18-45MM         | 18-60MM (MT3)     |
| ANNULAR CUTTER (OUT DIAMETER)        |                 |                 |                   |
| ANNULAR CUTTER (THICKNESS)           | 9-50MM          | 9-50MM          | 6-50MM            |
| TWIST DRILL                          | 1-13MM          | 1-13MM          | 1-25MM            |
| WEIGHT (KG)                          | 14              | 15              | 23                |
| MAGNET DIMENSION (MM)                | 186 X 80 X 58   | 188 X 86 X 56   | 210 X 100 X 64    |
| <b>LIST PRICE (RM)</b>               | 3,500.00        | 3,700.00        | 6,400.00          |

\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\*

## **SHIYO T.C.T (ONE TOUCH) JETBROACH CUTTER**



### **LIST PRICE (RM)**

|                 |        |
|-----------------|--------|
| 13MM X 35MM (L) | 190.00 |
| 14MM X 35MM (L) | 190.00 |
| 15MM X 35MM (L) | 190.00 |
| 16MM X 35MM (L) | 190.00 |
| 17MM X 35MM (L) | 190.00 |
| 18MM X 35MM (L) | 200.00 |
| 19MM X 35MM (L) | 200.00 |
| 20MM X 35MM (L) | 200.00 |
| 21MM X 35MM (L) | 200.00 |
| 22MM X 35MM (L) | 200.00 |
| 23MM X 35MM (L) | 200.00 |
| 24MM X 35MM (L) | 210.00 |
| 25MM X 35MM (L) | 210.00 |
| 26MM X 35MM (L) | 210.00 |
| 27MM X 35MM (L) | 210.00 |
| 28MM X 35MM (L) | 210.00 |
| 29MM X 35MM (L) | 220.00 |
| 30MM X 35MM (L) | 220.00 |
| 31MM X 35MM (L) | 220.00 |
| 32MM X 35MM (L) | 220.00 |
| 33MM X 35MM (L) | 220.00 |
| 34MM X 35MM (L) | 220.00 |

### **LIST PRICE (RM)**

|                 |        |
|-----------------|--------|
| 14MM X 50MM (L) | 280.00 |
| 18MM X 50MM (L) | 280.00 |
| 19MM X 50MM (L) | 280.00 |
| 20MM X 50MM (L) | 280.00 |
| 21MM X 50MM (L) | 280.00 |
| 22MM X 50MM (L) | 280.00 |
| 23MM X 50MM (L) | 280.00 |
| 24MM X 50MM (L) | 280.00 |
| 25MM X 50MM (L) | 280.00 |
| 26MM X 50MM (L) | 280.00 |
| 27MM X 50MM (L) | 280.00 |
| 28MM X 50MM (L) | 280.00 |
| 29MM X 50MM (L) | 280.00 |
| 30MM X 50MM (L) | 280.00 |
| 31MM X 50MM (L) | 330.00 |
| 32MM X 50MM (L) | 330.00 |
| 33MM X 50MM (L) | 330.00 |
| 34MM X 50MM (L) | 330.00 |
| 35MM X 50MM (L) | 330.00 |
| 36MM X 50MM (L) | 330.00 |
| 38MM X 50MM (L) | 330.00 |
| 40MM X 50MM (L) | 330.00 |
| 42MM X 50MM (L) | 350.00 |
| 45MM X 50MM (L) | 350.00 |
| 48MM X 50MM (L) | 400.00 |
| 49MM X 50MM (L) | 400.00 |
| 50MM X 50MM (L) | 400.00 |

## **SHIYO PILOT PIN**

### **LIST PRICE / PC (RM)**

PILOT PIN FOR TCT CUTTER



|                                        |       |
|----------------------------------------|-------|
| 7.0MM X 91MM : 13MM - 16MM X 35MM (L)  | 50.00 |
| 8.0MM X 91MM : 17MM - 50MM X 35MM (L)  | 50.00 |
| 7.0MM X 112MM : 13MM - 16MM X 50MM (L) | 60.00 |
| 8.0MM X 112MM : 17MM - 50MM X 50MM (L) | 60.00 |

**\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\***

## SHIYO HANDSHIELD & HEADSHIELD

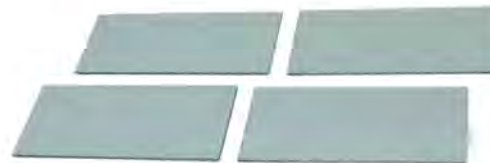


| MODEL                             | LIST PRICE (RM) |
|-----------------------------------|-----------------|
| SHIYO 2"X4" HANDSHIELD            | 12.00           |
| SHIYO 2"X4" HEADSHIELD C/W LENSES | 28.00           |

## AULEKTRO WELDING GLASS (GERMANY)



BLACK LENSES



CLEAR LENSES

| MODEL                              | LIST PRICE / PC (RM) |
|------------------------------------|----------------------|
| 2" X 4" BLACK LENSES CODE : DIN 9  | 2.00                 |
| 2" X 4" BLACK LENSES CODE : DIN 10 | 2.00                 |
| 2" X 4" BLACK LENSES CODE : DIN 11 | 2.00                 |
| 2" X 4" BLACK LENSES CODE : DIN 12 | 2.00                 |
| 2" X 4" CLEAR LENSES               | 0.60                 |

## CHIYODA HEADSHIELD / AUTO DARKENING WELDING SHIELD (BLUE)



| MODEL                    | LIST PRICE (RM) |
|--------------------------|-----------------|
| CHIYODA CH-02 HEADSHIELD | 35.00           |
| AUTO DARKENING (WH1401)  | 330.00          |

**\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\***

## **SHIYO S/STEEL FLUX OVENS**

Vertical Type Flux Oven Designed For Re-baking , Aging and Moisture Free Of Submerged Arc Welding Flux.



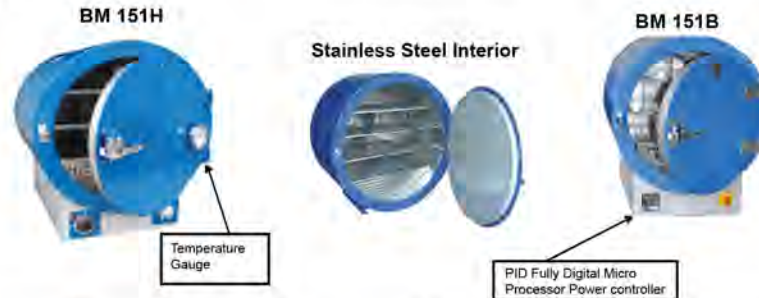
PID Micro-Processor  
Power Controller with  
Digital Display

| MODEL                                     | F 100SD                               | F 200SD                               | F 300SD                                   |
|-------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------------|
| Flux Capacity (estimate)                  | 100Kgs                                | 195Kgs                                | 285Kgs                                    |
| Temperature Range<br>(Average Stabilized) | 30°C ~ 350°C<br>86°C ~ 662°F          | 30°C ~ 350°C<br>86°C ~ 662°F          | 30°C ~ 350°C<br>86°C ~ 662°F              |
| Input Voltage<br>VAC - 50/60Hz            | 220 - 240 VAC                         | 240 - 440 VAC<br>(Specify one)        | 400 - 440 VAC                             |
| Heating Element                           | Tubular Type<br>2400W                 | Tubular Type<br>3200W                 | Tubular Type<br>4800W                     |
| External Dimension<br>H x D x W           | 1310 X 615 X 640MM<br>52" X 25" X 26" | 1410 X 640 X 765MM<br>56" X 26" X 31" | 1485 X 642 X 970MM<br>58 1/2" X 25" X 38" |
| Internal Dimension<br>H x D x W           | 670 X 430 X 430MM<br>27" X 17" X 17"  | 790 X 455 X 559MM<br>32" X 18" X 22"  | 863 X 457 X 762MM<br>34" X 18" X 30"      |
| Body Insulation<br>(Ceramic Wool)         | 50MM / 2"                             | 50MM / 2"                             | 50MM / 2"                                 |
| Weight                                    | 60Kgs / 132 lbs                       | 70Kgs / 170 lbs                       | 98Kgs / 216 lbs                           |
| <b>LIST PRICE (RM)</b>                    | 5,700.00                              | 6,600.00                              | 8,800.00                                  |

- ☑ Drive off moisture to achieve better welding quality
- ☑ Secure, moisture - proof storage.
- ☑ Full stainless steel construction to prevent rust and iron contamination.
- ☑ Sloped chamber for gravity - flow dispensability
- ☑ Reliable PID Micro -Processor power controller with digital display
- ☑ Insulated and vented hinged top cover for easy loading.
- ☑ Energy efficiency design
- ☑ Quick and uniform heating of flux powder.

## BENCH TYPE ELECTRODE OVEN

Bench Type Electrode Oven designed for Re-Baking, Re-Conditioning and holding of welding electrode for high quality weld. With build in temperature gauge & adjustable thermostat control.



### Specification

| MODEL                                     | BM 151H                                  | BM 151B                                  |
|-------------------------------------------|------------------------------------------|------------------------------------------|
| Capacity (Rod Lgth. 450mm)                | 155 kgs (estimate)                       | 155 kgs (estimate)                       |
| Temperature Range<br>(Average Stabilized) | 50°C ~ 300°C (Analog)<br>(122°F ~ 572°F) | 30°C ~ 400°C (Digital)<br>(86°F ~ 752°F) |
| Input Voltage (Heating Element)           | 1ph, AC 190 ~ 240V - 50/60Hz (1800W)     | 1ph, AC 190 ~ 240V - 50/60Hz (1800W)     |
| External Dimension<br>H x D x W           | 660 x 720 x 570mm<br>(26" x 28" x 22.5") | 660 x 720 x 570mm<br>(26" x 28" x 22.5") |
| Internal Dimension<br>dia. x deep         | 455 x 520mm<br>(18" x 20.5")             | 455 x 520mm<br>(18" x 20.5")             |
| Body Insulation (Rock wool)               | 50mm / 2"                                | 50mm / 2"                                |
| Net Weight                                | 48 kgs / (106 lbs)                       | 48 kgs / (106 lbs)                       |

- Drive off moisture to achieve better welding quality.
- Secure, moisture-proof storage.
- Turbular twin heating element struts on bottom to provide uniform circular shape heats interior evenly.
- Stainless Steel Interior body Prevent Lust and Iron Free.
- Removeable shelves for the drying of wire coil & preheat / post heat of welded parts.
- Reliable PID Micro- Processor power controller with digital display.
- Energy efficiency design.

## FLOOR TYPE ELECTRODE OVEN

Floor Type Electrode Oven designed for Re-Baking, Re-Conditioning and Holding of welding electrode for high quality weld build in adjustable thermostat controlled with digital temperature display.



### PID Micro- Processor Power Controller

Most oven necessary for regulating and controlling, the controller used is a micro-processor-controlled PID controller with digital display. Temperature control is precise and stable. The semi conductor relay is silent running without mechanical wear.

| MODEL                                     | E 060M / E 060S                          | E 120M / E 120S                          |
|-------------------------------------------|------------------------------------------|------------------------------------------|
| Capacity (Rod Lgth. 450mm)                | 60 kgs (estimate)                        | 120 kgs (estimate)                       |
| Temperature Range<br>(Average Stabilized) | 30°C ~ 400°C<br>56°F ~ 752°F             | 30°C ~ 400°C<br>86°F ~ 752°F             |
| Input Voltage<br>AC-50/60Hz               | 1ph, 190 ~ 240V<br>1800W                 | 1ph, 190 ~ 240V<br>1800W                 |
| External Dimension<br>H x D x W           | 559 x 762 x 445mm<br>(22" x 30" x 17.5") | 673 x 762 x 445mm<br>26.5" x 30" x 17.5" |
| Internal Dimension<br>H x D x W           | 220 x 500 x 280mm<br>8.7" x 19.6" x 11"  | 280 x 500 x 342mm<br>11" x 19.6" x 13.5" |
| Body Insulation (Rock wool)               | 75mm / 3"                                | 75mm / 3"                                |
| Weight                                    | 45 kgs / 99 lbs                          | 63 kgs / 138.6 lbs                       |

- Drive off moisture to achieve better welding quality
- Reliable PID Micro-Processor power controller with digital display.
- Energy efficiency design.
- Secure, moisture proof storage.

**\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\***

## SHIYO HOSES



NCR 1/4" X 100 METER  
TWIN HOSE



WELDMAX 1/4" X 100 METER  
TWIN HOSE (GREEN / RED )



WELDMAX 1/4" X 90 METER  
TWIN HOSE ( BLUE / RED )



TATA 8.5 MM X 90 METER  
HOSE (YELLOW)



SHIYO 1/4" X 100 METER ACETYLENE  
SINGLE HOSE ( RED )



SHIYO OXYGEN 1/4" X 100 METER  
SINGLE HOSE (BLACK)



SHIYO 5/16" X 100 METER  
SINGLE HOSE ( GREEN )

| MODEL                                              | LIST PRICE / ROLL (RM) |
|----------------------------------------------------|------------------------|
| NCR 1/4" X 100 METER TWIN HOSE                     | 800.00                 |
| WELDMAX 1/4" X 100 METER TWIN HOSE (GREEN / RED)   | 470.00                 |
| WELDMAX 1/4" X 90 METER TWIN HOSE (BLUE / RED)     | 450.00                 |
| SHIYO 1/4" X 100 METER PVC TWIN HOSE (GREEN / RED) | 440.00                 |
| SHIYO 1/4" X 100 METER ACETYLENE SINGLE HOSE (RED) | 420.00                 |
| SHIYO OXYGEN 1/4" X 100 METER SINGLE HOSE (BLACK)  | 650.00                 |
| SHIYO 5/16" X 100 METER SINGLE HOSE (GREEN)        | 420.00                 |
| SHIYO 3/8" X 100 METER SINGLE HOSE (RED)           | 420.00                 |
| TATA 8.5 MM X 90 METER HOSE (YELLOW)               | 200.00                 |

## **CHIYODA ABRASIVE**



| DESCRIPTION                                                       | SIZE(MM)   | PACKING    | LIST PRICE / PC (RM) |
|-------------------------------------------------------------------|------------|------------|----------------------|
| <b>CHIYODA GRINDING DISC (FOR METAL)</b>                          |            |            |                      |
| 4" Chiyoda Grinding Disc<br>(Grade : T42A30RBF)                   | 100x3x16   | 400PCS/BOX | 2.70                 |
| 4" Chiyoda Grinding Disc<br>(Grade : A24QBF27)                    | 100x6x16   | 100PCS/BOX | 2.80                 |
| 7" Chiyoda Grinding Disc<br>(Grade : A24RQBF27)                   | 180x6x22   | 50PCS/BOX  | 7.50                 |
| <b>CHIYODA CUTTING DISC (FOR METAL)</b>                           |            |            |                      |
| 4" Chiyoda Cutting Disc (Thin)<br>(Grade : A46T-BF41)             | 105x1.0x16 | 400PCS/BOX | 3.20                 |
| 4" Chiyoda Cutting Disc<br>(Grade : A30R-BF41)                    | 100x2.5x16 | 200PCS/BOX | 2.20                 |
| 5" Chiyoda Cutting Disc<br>(Grade : A30R-BF41)                    | 125x3x22   | 200PCS/BOX | 3.50                 |
| 7" Chiyoda Cutting Disc<br>(Grade : A30R-BF41)                    | 180x3x22   | 100PCS/BOX | 5.80                 |
| 14" Chiyoda Cutting Disc<br>(Grade : A30RBF)                      | 355x3x25.4 | 25PCS/BOX  | 14.00                |
| 16" Chiyoda Cutting Disc<br>(Grade : A30RBF)                      | 400x3x25.4 | 25PCS/BOX  | 16.00                |
| <b>CHIYODA FLEXIBLE DISC (FOR STAINLESS STEEL)</b>                |            |            |                      |
| 4" Chiyoda Flexible Disc For S/Steel<br>(Grade : T42 WA80SBF)     | 100x2.5x16 | 200PCS/BOX | 2.90                 |
| <b>CHIYODA GRINDING DISC (FOR STAINLESS STEEL)</b>                |            |            |                      |
| 4" Chiyoda Grinding Disc For S/Steel<br>(Grade : T42 A30SBF)      | 100x3x16   | 400PCS/BOX | 4.00                 |
| 4" Chiyoda Grinding Disc For S/Steel<br>(Grade : WA24SBF)         | 100x6x16   | 200PCS/BOX | 3.20                 |
| 5" Chiyoda Grinding Disc For S/Steel<br>(Grade : WA24RBF-T27)     | 125x6x22   | 100PCS/BOX | 4.50                 |
| 7" Chiyoda Grinding Disc For S/Steel<br>(Grade : WA24SBF)         | 180x6x22   | 60PCS/BOX  | 10.00                |
| 9" Chiyoda Grinding Disc For S/Steel<br>(Grade : WA24SBF)         | 230x6.8x22 | 30PCS/BOX  | 30.00                |
| <b>CHIYODA CUTTING DISC (FOR STAINLESS STEEL)</b>                 |            |            |                      |
| 4" Chiyoda Cutting Disc For S/Steel (Thin)<br>(Grade : WA46TBF41) | 105x1.0x16 | 400PCS/BOX | 3.80                 |
| 4" Chiyoda Cutting Disc For S/Steel<br>(Grade : WA30RBF41)        | 100x2.0x16 | 200PCS/BOX | 2.80                 |
| 7" Chiyoda Cutting Disc For S/Steel<br>(Grade : WA30RBF41)        | 180x2.0x22 | 100PCS/BOX | 8.00                 |
| 9" Chiyoda Cutting Disc For S/Steel<br>(Grade : T41 WA30RBF)      | 230x2.5x22 | 50PCS/BOX  | 18.00                |

## AIRGAS ABRASIVE



| DESCRIPTION                                |                  |              |                      |
|--------------------------------------------|------------------|--------------|----------------------|
| CUTTING DISC (FOR METAL)                   | SIZE (MM)        | PACKING (PC) | LIST PRICE / PC (RM) |
| AIRGAS 4" CUTTING DISC (GRADE T41)         | 100 X 2.5 X 16   | 200          | 1.80                 |
| AIRGAS 5" CUTTING DISC (GRADE T41)         | 125 X 3.2 X 22   | 200          | 2.20                 |
| AIRGAS 7" CUTTING DISC (GRADE T41)         | 180 X 3.0 X 22   | 100          | 3.50                 |
| AIRGAS 14" CUTTING DISC (GRADE T41 A30RBF) | 355 X 3.0 X 25.4 | 25           | 7.30                 |
| AIRGAS 16" CUTTING DISC (GRADE T41 A30RBF) | 400 X 3.2 X 25.4 | 25           | 8.80                 |

| GRINDING DISC (FOR METAL)           | SIZE (MM)      | PACKING (PC) | LIST PRICE / PC (RM) |
|-------------------------------------|----------------|--------------|----------------------|
| AIRGAS 4" GRINDING DISC (GRADE T27) | 100 X 6.0 X 16 | 200          | 2.00                 |
| AIRGAS 7" GRINDING DISC (GRADE T27) | 180 X 6.0 X 22 | 50           | 4.50                 |

| CUTTING DISC (FOR STAINLESS STEEL) | SIZE (MM)      | PACKING (PC) | LIST PRICE / PC (RM) |
|------------------------------------|----------------|--------------|----------------------|
| AIRGAS 4" CUTTING DISC (GRADE T41) | 105 X 1.2 X 16 | 800          | 1.90                 |
| AIRGAS 4" CUTTING DISC (GRADE T41) | 105 X 2.0 X 16 | 600          | 2.10                 |

| GRINDING DISC (FOR STAINLESS STEEL)        | SIZE (MM)      | PACKING (PC) | LIST PRICE / PC (RM) |
|--------------------------------------------|----------------|--------------|----------------------|
| AIRGAS 4" GRINDING - INOX DISC (GRADE T27) | 100 X 6.0 X 16 | 200          | 2.30                 |
| AIRGAS 7" GRINDING - INOX DISC (GRADE T27) | 180 X 6.0 X 22 | 50           | 5.30                 |

**\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\***

## CHIYODA WELDING GAUGES



MG-8



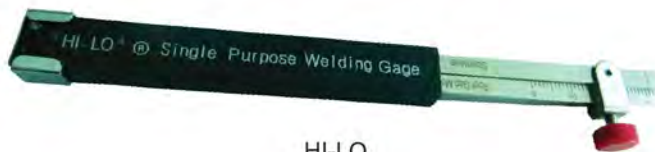
MG-11



HJC-40A



HJC-40AS



HI-LO



QY006A



QY006B



QY031

| MODEL                                                | LIST PRICE / PC (RM) |
|------------------------------------------------------|----------------------|
| CHIYODA WELDING GAUGE (MODEL : MG-8)                 | 300.00               |
| CHIYODA WELDING GAUGE (MODEL : MG-11)                | 250.00               |
| CHIYODA WELDING GAUGE (MODEL : HJC-40A)              | 340.00               |
| CHIYODA WELDING GAUGE - SLOT TYPE (MODEL : HJC-40AS) | 250.00               |
| CHIYODA HI-LO GAUGE                                  | 417.00               |
| CHIYODA TAPER GAUGE 1-15MM (MODEL : QY006A)          | 100.00               |
| CHIYODA TAPER GAUGE 15MM-30MM (MODEL : QY006B)       | 120.00               |
| CHIYODA INSPECTION MIRROR (MODEL : QY031)            | 100.00               |

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## CHIYODA CUTTING & WELDING KIT



### Features

- Exceptionally comfortable in use.
- High integrity trim valves.
- Light and positive, ideal for high quality welding.
- Precision engineered mixer for precise gas control.
- All positional facility for nozzles through the serrated connection teeth.
- Parallel tubes for increased visibility when in use.
- High tensile brass head for extended service life.
- Piston cutting oxygen valve provides smooth cutting action.

### Contents

- Oxygen Regulator
- Acetylene Regulator
- Cutting Attachment
- Torch Handle
- Heavy Duty Mixer
- Welding Tips - 3#, 5#, 7#
- Cutting Nozzles - 1/32, 3/64, 1/16
- Flashback Arrestor OXY, ACE
- 6mtr Twin Welding Hose
- Welding Goggles
- Flint Lighter
- Tip Cleaner
- Spanner
- Heavy Duty Tool Box

|                  |                                     |
|------------------|-------------------------------------|
| Applicable Gas   | Oxygen and LPG                      |
| Application      | High-volume cutting and welding     |
| Capacity         | Welding up to 3/8" (9mm) plate      |
|                  | Cutting up to 6" (150mm) plate      |
| Regulator        | Forged brass body with durability   |
| Torch Handle     | Blowpipe Type                       |
| Oxygen Inlet     | G5/8" RH                            |
| Oxygen Outlet    | 3/8"                                |
| Acetylene Inlet  | G5/8" LH                            |
| Acetylene Outlet | 3/8"                                |
| Brazing Tips     | #8, #12                             |
| Welding Tip      | #8, #12                             |
| Cutting Tip      | 41 type #8 #12 #15                  |
| Mixer Assembly   | Suitable for Australia torch handle |

## CUTTING, HEATING & WELDING TORCHS



SHIYO CUTTING TORCH (HEAVY DUTY)



SHIYO M TYPE CUTTING TORCH  
WITH 3 PCS NOZZLE



SHIYO LPG HEATING TORCH



SHIYO WELDING TORCH ("S" TYPE)



SHIYO 1M CUTTING TORCH 180' HEAD



SHIYO 1M CUTTING TORCH 90' HEAD

| MODEL                                                | LIST PRICE / PC (RM) |
|------------------------------------------------------|----------------------|
| SHIYO (HEAVY DUTY) CUTTING TORCH                     | 135.00               |
| SHIYO WELDING TORCH ("S" TYPE) C/W 5PCS WELDING TIPS | 80.00                |
| SHIYO M TYPE CUTTING TORCH C/W 3PCS NOZZLE           | 120.00               |
| SHIYO 1M CUTTING TORCH 180' HEAD                     | 330.00               |
| SHIYO 1M CUTTING TORCH 90' HEAD                      | 450.00               |
| SHIYO LPG HEATING TORCH                              | 125.00               |

## CUTTING NOZZLE

| MODEL                           | LIST PRICE / PIN (RM) |
|---------------------------------|-----------------------|
| 1/32" SHIYO ANME CUTTING NOZZLE | 18.00                 |
| 3/64" SHIYO ANME CUTTING NOZZLE | 18.00                 |
| 1/16" SHIYO ANME CUTTING NOZZLE | 18.00                 |
| 3/32" SHIYO ANME CUTTING NOZZLE | 18.00                 |
| 5/64" SHIYO ANME CUTTING NOZZLE | 18.00                 |
| 1/8" SHIYO ANME CUTTING NOZZLE  | 18.00                 |
| 1/32" SHIYO PNME CUTTING NOZZLE | 18.00                 |
| 3/64" SHIYO PNME CUTTING NOZZLE | 18.00                 |
| 1/16" SHIYO PNME CUTTING NOZZLE | 18.00                 |
| 3/32" SHIYO PNME CUTTING NOZZLE | 18.00                 |
| 5/64" SHIYO PNME CUTTING NOZZLE | 18.00                 |
| 1/8" SHIYO PNME CUTTING NOZZLE  | 18.00                 |



\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\*

## **BRONZE CABLE LUGS**



| MODEL            | LIST PRICE / PC (RM) |
|------------------|----------------------|
| 200AMP CABLE LUG | 1.70                 |
| 300AMP CABLE LUG | 2.60                 |
| 400AMP CABLE LUG | 3.70                 |
| 500AMP CABLE LUG | 5.50                 |
| 600AMP CABLE LUG | 9.50                 |

## **EARTH CLAMP**



300 AMP



500 AMP



500 AMP G TYPE

| MODEL                     | LIST PRICE / UNIT (RM) |
|---------------------------|------------------------|
| 300AMP EARTH CLAMP        | 12.00                  |
| 500AMP EARTH CLAMP        | 15.00                  |
| 500AMP G TYPE EARTH CLAMP | 92.00                  |

**\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\***

## ELECTRODE HOLDERS

SHIYO 200 AMP



SHIYO 300 AMP



SHIYO 500 AMP



AIRGAS 300 AMP



HOLLAND TYPE 300 AMP



HOLLAND TYPE 500 AMP



BUTBRO 400 AMP



BUTBRO 600 AMP

| MODEL                                           | LIST PRICE / UNIT (RM) |
|-------------------------------------------------|------------------------|
| SHIYO 200AMP ELECTRODE HOLDER                   | 24.00                  |
| SHIYO 300AMP ELECTRODE HOLDER                   | 44.00                  |
| SHIYO 500AMP ELECTRODE HOLDER                   | 54.00                  |
| AIRGAS 300AMP ELECTRODE HOLDER                  | 14.00                  |
| HOLLAND TYPE 300AMP ELECTRODE HOLDER HEAVY DUTY | 34.00                  |
| HOLLAND TYPE 500AMP ELECTRODE HOLDER HEAVY DUTY | 37.00                  |
| BUTBRO 400AMP ELECTRODE HOLDER                  | 27.00                  |
| BUTBRO 600AMP ELECTRODE HOLDER                  | 32.00                  |

**\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\***

## ANTI-SPATTER AGENT

### Mecha Chemical for Welding (High Quality Products for High Technology Age)

#### Water Soluble Standard Type

•SPALEX A-78

#### Superior Anticorrosive Type

•SPALEX W-204Y

#### Oil Based

#### For Ferrous Metal

•MECHA DIP NS-700NY for export use

#### For Aluminium

•MECHA DIP AL-5 for export use



#### Characteristic

- By generating low viscous heat resistance film, it prevents spatter adhesion and hence reduce spatter removal time.
- High performance with small amount and cost effective
- Easily remove the film after welding.
- Composed with harmless compounds to people.



With Anti Spatter Agent



Without Anti Spatter Agent

#### Usage

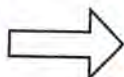
- Anti-spatter agent for welding

#### Direction for Use

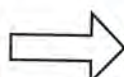
- Spray on or immerse work pieces into the anti-spatter agent before welding.



Apply by spray



Welding



Prevent spatter adhesion

- Apply evenly when spray the agent. It remarkably prevents spatter adhesion at Arc Start
- Water soluble anti-spatter agent effectively minimise pinhole and blowhole formation by welding after the applied agent has dried.
- Oil based anti-spatter agent enable to start welding immediately after applied.
- Water soluble agent is non-flammable, it is safe to use during operation and when stored. Oil based agents perform superior anti-spatter preoperties.
- Please refer "Material Safety Data Sheet (MSDS)" before using Anti-spatter agent

#### Property

|                               | SPALEX A-78   | SPALEX W-204Y                           | MECHA DIP NS-700NY<br>for export use    | MECHA DIP AL-5<br>for export use |
|-------------------------------|---------------|-----------------------------------------|-----------------------------------------|----------------------------------|
| Appearance<br>(Liquid)        | White         | Light yellow transparent                | Green                                   | Colourless transparent           |
| Specific Gravity<br>(15°C)    | 1.02          | 1.06                                    | 0.82                                    | 0.81                             |
| Viscosity (15°C)              | 1.4mPa's      | 2.8mPa's                                | —                                       | —                                |
| Kinematic Viscosity<br>(15°C) | —             | —                                       | 2.8mm <sup>2</sup> /s                   | 2.1mm <sup>2</sup> /s            |
| PH                            | 8.3           | 8.7                                     | —                                       | —                                |
| Flashing Point                | —             | —                                       | 80°C                                    | 83°C                             |
| Characterisic                 | Water soluble |                                         | Oil based                               |                                  |
| Usage                         | Ferrous Metal | Ferrous Metal<br>Superior Anticorrosion | Ferrous Metal<br>Superior Anticorrosion | Aluminium<br>Stainless steel     |

## **MECHA DIP NS-700**

**Mecha Chemical Anticorrosion**  
**(High Quality Products for High Technology Age)**  
**Protect Welding Machine Nozzle Anti-Spatter Agent**



Mecha Dip NS-700 (600mg)

### **Characteristics**

Mecha Dip NS-700 prevents spatter adhesion on nozzle and tip by applying on the torch. NS-700 is able to prolong duration of nozzle and tip by generating strong persistent membrane on the surface

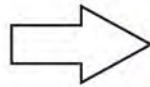
### **Usage**

- Protection of torch (include nozzle and tip)

### **Direction for use**



Immerse the tip of torch into NS-700



Welding

✂ Please refer Material Safety Data Sheet before using Mecha Dip NS-700

### **Property**

|                            |                         |
|----------------------------|-------------------------|
| Appearance                 | Green Paste             |
| Specific Gravity (60°C)    | 0.84                    |
| Kinematic Viscosity (40°C) | 7,000mm <sup>2</sup> /s |
| Flashing Point             | 121°C                   |

## **PRINCE GB-2001 MICRO TORCH**

### **Automatic Ignition Refillable**

- The Days of Igniting your Old Torch by Match or Lighter are over PRINCE GB2001 is most advanced tool of its kind available in the world today.
- Automatic Ignition is one second with state of the art Piezo Electronic Ignition System. Simply push ignition button and your PRINCE is fired up.
- Easy to adjust precise flame and temperature by utilization of adjustable gas volume and needle control valves for fixed or variable flame adjustment.
- The PRINCE has a burn Time Rate of up to 2 Hours before any refilling is required.
- A computer designed rubber cushioned grid patterned grip has been employed for firmness, safety, and ease of handling.
- Gas Chamber has Capacity of 26 grams.
- PRINCE comes equipped with stand for Free Standing use so that PRINCE can be operated while both hands are free. Stand is removeable.
- The PRICE can be refilled for pennies by using any multiple head Butane Gas Lighther Refill container available through PRINCE Products or your local distributor.
- The PRINCE is made of the finest materials for years of satisfied use. All Brass construction and non-corrosive chrome, or gold plated finish bodies are available.

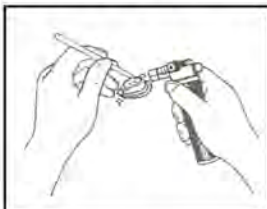


The Finest, Self Starting, Hand Held, Portable, Piezo Electric, Refillable Butane Gas, Micro Touch.

Precise and Controlled High Temperature Flame 1300°C, 2500°F, State of the Art Electric One Seco Ignition System.

### **APPLICATIONS**

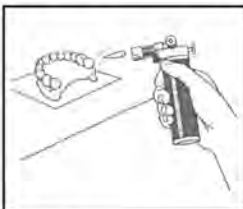
#### **•JEWELRY FIELD**



#### **•HOBBY and MODEL USE**



#### **•DENTAL FIELD**



#### **•OPTICAL**



#### **•ELECTRONIC**



#### **•AUTO**



### **OTHER FUNTIONS AND USES:**

- Welding •Dental Labs and Repair •Candle Sculpture Bending Glass, Plastic or Metal Tubing •Wood Graining •Toy Repairs •Wire Soldering •Home Workshop •Professional Repair Shops •Removing Old Paint
- Thawing Frozen Locks, Nuts and Bolts
- Tile Laying •Ski Waxing •Enameling
- Sweating and Thawing Light Pipe
- Softening Window Putty Plumbing Field
- Silver Soldering for Model Railroading, Computer Boards and Radio Controlled Cars •Outdoor Camping •Processing of Glass and Ceramic Materials

## CABLE CONNECTORS



SANNITSU 500A



SHIYO 500A TWIST TYPE

| MODEL                                 | LIST PRICE / PIN (RM) |
|---------------------------------------|-----------------------|
| SANNITSU 500A CABLE CONNECTOR         | 30.00                 |
| SHIYO 500A TWIST TYPE CABLE CONNECTOR | 32.00                 |

## NOZZLE CLEANER



ALUMINIUM BOX



PVC BAG

| MODEL                          | LIST PRICE / PC (RM) |
|--------------------------------|----------------------|
| 8 PCS NOZZLE CLEANER PVC BAG   | 2.50                 |
| NOZZLE CLEANER (ALUMINIUM BOX) | 6.00                 |

## LIGHTER



CUP TYPE SPARK LIGHTER



FLINT STONE



GUN TYPE ROCK LIGHTER

| MODEL                  | LIST PRICE / PC (RM) |
|------------------------|----------------------|
| CUP TYPE SPARK LIGHTER | 5.60                 |
| FLINT STONE            | 1.00                 |
| GUN TYPE ROCK LIGHTER  | 12.00                |

## REGULATORS



SHIYO 191 CO2  
REGULATOR



SHIYO 191 ARGON  
REGULATOR



SHIYO SJ 021 OXYGEN  
REGULATOR



SHIYO SJ 022 ACETYLENE  
REGULATOR



SHIYO 220V CO2  
REGULATOR



YAMOTO OXYGEN  
REGULATOR



YAMOTO ACETYLENE  
REGULATOR



AIRGAS 195  
REGULATOR



GOLDEN FUJI LPG GAS  
REGULATOR

| Model                                  | LIST PRICE / UNIT (RM) |
|----------------------------------------|------------------------|
| SHIYO 191 CO2 REGULATOR                | 110.00                 |
| SHIYO 191 ARGON REGULATOR              | 110.00                 |
| SHIYO SJ 021 OXGEN REGULATOR           | 110.00                 |
| SHIYO SJ 022 ACETYLENE REGULATOR       | 110.00                 |
| CO2 HEATER REGULATOR C/W FLOWMETER 36V | 240.00                 |
| SHIYO 110V CO2 REGULATOR               | 250.00                 |
| SHIYO 220V CO2 REGULATOR               | 300.00                 |
| YAMOTO OXYGEN REGULATOR                | 75.00                  |
| YAMOTO ACETYLENE REGULATOR             | 75.00                  |
| AIRGAS 195 ARGON REGULATOR             | 80.00                  |
| AIRGAS 195 CO2 REGULATOR               | 80.00                  |
| GOLDEN FUJI LPG GAS REGULATOR          | 55.00                  |

**\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\***

## REGULATORS CONSUMABLE PARTS



NIPPLE & NUT



SHIYO AX HOSE  
CHECK VALVE



SHIYO OX HOSE  
CHECK VALVE



BRASS NOZZLE NUT



GAS SPINDLE (FORGED)

GAS SPINDLE (LOCAL)



GAS COMBINATION SPANNER



BRASS HOSE CONNECTOR



OXYGEN TWIN  
OUTLET VALVE



ACETYLENE TWIN  
OUTLET VALVE



OXYGEN  
FLASHBACK  
ARRESTOR



ACETYLENE  
FLASHBACK  
ARRESTOR

| MODEL                                   | LIST PRICE / PC (RM) |
|-----------------------------------------|----------------------|
| BULL NOSE NUT FOR OXYGEN                | 14.00                |
| BULL NOSE NUT FOR ACETYLENE             | 14.00                |
| 9/16" BULL NOSE SHAFT                   | 15.00                |
| 1/4" X 3/8" OXYGEN NIPPLE & NUT         | 6.00                 |
| 1/4" X 3/8" ACETYLENE NIPPLE & NUT      | 6.00                 |
| SHIYO AX HOSE CHECK VALVE               | 42.00                |
| SHIYO OX HOSE CHECK VALVE               | 42.00                |
| BRASS NOZZLE NUT                        | 8.50                 |
| GAS SPINDLE KEY (FORGED)                | 9.00                 |
| GAS SPINDLE KEY (LOCAL)                 | 4.00                 |
| GAS COMBINATION SPANNER                 | 30.00                |
| 1/4" BRASS HOSE CONNECTOR               | 4.00                 |
| 5/16" BRASS HOSE CONNECTOR              | 4.60                 |
| 3/8" BRASS HOSE CONNECTOR               | 5.60                 |
| 3/8" X 3/8" OXYGEN TWIN OUTLET VALVE    | 33.00                |
| 3/8" X 3/8" ACETYLENE TWIN OUTLET VALVE | 33.00                |
| OXYGEN FLASHBACK ARRESTOR               | 38.00                |
| ACETYLENE FLASHBACK ARRESTOR            | 38.00                |

## SHIYO / ARCAIR GOUGING TORCH/ ROD



GOUGING TORCH



GOUGING ROD

## SHIYO EXTREME AIR CARBON ARC GOUGING TORCH

| MODEL                     | LIST PRICE / PC (RM) |
|---------------------------|----------------------|
| SHIYO K4000 GOUGING TORCH | 450.00               |

## SHIYO GOUGING ROD

| ELECTRODE SIZE | LIST PRICE / PC (RM) | QUANTITY PACKING (CARTON) |         |
|----------------|----------------------|---------------------------|---------|
|                |                      | SMALL                     | BIG     |
| 5.0MM X 305MM  | 0.85                 | 50PCS                     | 1000PCS |
| 5.5MM X 305MM  | 0.90                 | 250PCS                    | 1000PCS |
| 8.0MM X 305MM  | 1.00                 | 50PCS                     | 1000PCS |
| 9.5MM X 305MM  | 1.20                 | 50PCS                     | 500PCS  |
| 11.0MM X 305MM | 1.60                 | 50PCS                     | 500PCS  |
| 13.0MM X 305MM | 2.20                 | 50PCS                     | 250PCS  |

## ARCAIR EXTREME AIR CARBON ARC GOUGING TORCHES

| Model                |           | K4000                          | K5000                          |
|----------------------|-----------|--------------------------------|--------------------------------|
| POINTED CARBONS      |           | 5/32"(4MM) TO 1/2"(13MM)       | 5/32"(4MM) TO 5/8"(16MM)       |
| FLAT CARBONS         |           | 3/8"(10MM) & 5/8" (16MM)       | 3/8"(10MM) & 5/8" (16MM)       |
| MAXIMUM              |           | 1000AMPS                       | 1250AMPS                       |
| COMPRESSED AIR       | PRESSURE  | 80PSI (5.6KG/CM <sup>2</sup> ) | 80PSI (5.6KG/CM <sup>2</sup> ) |
|                      | FLOW RATE | 28CFM (0.79M <sup>3</sup> )    | 30CFM (0.85M <sup>3</sup> )    |
| CABLE LENGTH         |           | 7FT.                           | 7FT.                           |
| TORCH & CABLE WEIGHT |           | 5.4 IBS. (2.4KG)               | 6.8 IBS. (3.1KG)               |
| LIST PRICE / PC (RM) |           | 700.00                         | 1,580.00                       |

## ARCAIR GOUGING ROD

| ELECTRODE SIZE  | LIST PRICE / PC (RM) | QUANTITY PACKING (CARTON) |        |
|-----------------|----------------------|---------------------------|--------|
|                 |                      | SMALL                     | BIG    |
| 5/32"MM x 4"MM  | 0.85                 | 50PCS                     | 250PCS |
| 1/4"MM x 12"MM  | 1.00                 | 50PCS                     | 250PCS |
| 5/16"MM x 12"MM | 1.20                 | 50PCS                     | 250PCS |
| 3/8"MM x 12"MM  | 1.30                 | 50PCS                     | 250PCS |



## **SQUARE / ROUND CURVE CUTTER**

**MODEL : PG-1200**

Round curve cutter is an ergonomically designed curve cutting machine for grinding square and round at almost any angle. Materials to be grinded include metal (especially stainless steel), plastic and wood. Precise and fast grinding operation to increase production outputs at reasonably low cost. Achieving approximately 500 curve per sanding belt on 1 ½ Stainless Steel Pipe, 1mm thickness.

### **SPECIFICATIONS**

|                   |                              |
|-------------------|------------------------------|
| MOTOR POWER       | 2HP X 3000RPM x 230V OR 415V |
| SANDING SPEED     | 1400M / Min                  |
| SANDING ROLLER    | 3/4", 1", 1 ½", 2", 2½", 3"  |
| SANDING BELT      | 100 X 1200MM                 |
| <b>LIST PRICE</b> | RM 4,834.00                  |



PG-1200



## **NICHI HYDRAULIC PIPE BENDER**

### **FEATURES :**

- SIMPLE PIPE BENDING WITH CLEAN FINISH
- PRECISE PIPE BENDING TO ANY REQUIRED ANGLE UP TO 90°
- PORTABLE TYPE - BE USED IN ANY LOCATION
- DIRECT COUPLING CONSTRUCTION MAKES FOR EASY OPERATION

### **PURPOSE : PIPING CONSTRUCTIONS**

- WATER SERVICE, GAS, ELECTRICITY, SHIPBUILDING, ROLLING STOCKS, VEHICLES, PETROLEUM, ENGINEERING, ARCHITECTURE, FURNITURE, AIR CONDITIONING AND OTHER PLANTS.
- ALL TYPES OF TOOL FOR FACTORY PIPING INSTALLATION AND REPAIR.

|                         |                    |
|-------------------------|--------------------|
| <b>MODEL</b>            | THPB 3             |
| <b>OPERATION</b>        | MANUAL             |
| <b>BENDING CAPACITY</b> | S. G. P 1/2" - 3"  |
| <b>FREQUENCY</b>        | 50/60 Hz           |
| <b>STD. ACCESSORIES</b> | PIVOT SHOES, STAND |
| <b>BENDING ANGLE</b>    | 0° - 90°           |
| <b>GROSS WEIGHT</b>     | 150 KG             |
| <b>LIST PRICE (RM)</b>  | RM 2,200.00        |



THPB 3

## GLOBE HYDRAULIC PIPE BENDER



**G-3M**



**GPH-3E**

**GPH-4E**

### **PURPOSE : PIPING CONSTRUCTIONS**

- WATER SERVICE, GAS, ELECTRICITY, SHIPBUILDING, ROLLING STOCKS, VEHICLES, PETROLEUM, ENGINEERING, ARCHITECTURE, FURNITURE, AIR CONDITIONING AND OTHER PLANTS.

### GLOBE HYDRAULIC PIPE BENDER

| MODEL               | G-3M                               | GPH-3E                      | GPH-4E                      |
|---------------------|------------------------------------|-----------------------------|-----------------------------|
| OPERATION           | MANUAL                             | 2HP-415V                    | 2HP-415V                    |
| BENDING CAPACITY    | S.G.P 1/2-3"                       | S.G.P 1/2-3"                | S.G.P 1/2-4"                |
| STD. ACCESSORIES    | S.G.P 1/2-3"<br>PIVOT SHOES, STAND | S.G.P 1/2-3"<br>PIVOT SHOES | S.G.P 1/2-4"<br>PIVOT SHOES |
| BENDING ANGLE       | 0° - 90°                           | 0° - 90°                    | 0° - 90°                    |
| GROSS WEIGHT        | 140 KG                             | 250 KG                      | 280 KG                      |
| LIST PRICE PER UNIT | RM 5,000.00                        | RM 23,500.00                | RM 29,500.00                |



| NORMINAL PIPE DIA (INCH) | NOMINAL MM | OUTER DIA. MM | THICKNESS MM | BENDING RADIUS MM | LIST PRICE / UNIT (RM) |
|--------------------------|------------|---------------|--------------|-------------------|------------------------|
| 1/2"                     | 15A        | 21.7          | 2.8          | 61                | 110.00                 |
| 3/4"                     | 20A        | 27.2          | 2.8          | 84                | 110.00                 |
| 1"                       | 25A        | 34            | 3.2          | 107               | 110.00                 |
| 1 1/4"                   | 32A        | 42.7          | 3.5          | 132               | 210.00                 |
| 1 1/2"                   | 40A        | 48.6          | 3.5          | 165               | 270.00                 |
| 2"                       | 50A        | 60.5          | 3.8          | 220               | 320.00                 |
| 2 1/2"                   | 65A        | 76.3          | 4.2          | 288               | 370.00                 |
| 3"                       | 80A        | 89.1          | 4.2          | 360               | 430.00                 |

\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\*



## **WEST LAKE DRILLING MACHINES**



| <b>MODEL</b>                          | <b>ZHX-13</b> | <b>ZQ-4113B</b> | <b>ZQ-4119</b> | <b>ZQD-4125</b> |
|---------------------------------------|---------------|-----------------|----------------|-----------------|
| MAX. DRILLING CAPACITY (MM)           | 13            | 13              | 19             | 25              |
| DISTANCE SPINDLE (MM)                 | 103           | 180             | 180            | 200             |
| SPINDLE TAPER                         | B16           | B16             | MT2            | MT3             |
| SPINDLE SPEED RANGE                   | 515-2580      | 450-2650        | 400-2420       | 200-2260        |
| SPINDLE SPEED                         | 5             | 4               | 5              | 9               |
| COLUMN DIAMETER (MM)                  | 48            | 70              | 70             | 85              |
| DIAMENSION OF WORKTABLE SURFACE (MM)  | 165 X 162     | Ø300            | 240 X 240      | 280 X 280       |
| DIAMENSION OF BASE (MM)               | 178 X 140     | 220 X 220       | 220 X 220      | 300 X 300       |
| MAX. DIS SPINDLE NOSE TO W/TABLE (MM) | 220           | 318             | 432            | 490             |
| MAX. DIS SPINDLE NOSE TO BASE (MM)    | 300           | 475             | 592            | 1240            |
| OVERALL HEIGHT (MM)                   | 581           | 858             | 965            | 1680            |
| NET WEIGHT (KG)                       | 22            | 65              | 70             | 116.5           |
| MOTOR                                 | 1/4 HP        | 1/2 HP          | 3/4 HP         | 3/4 HP          |
| <b>LIST PRICE (RM)</b>                | 570.00        | 1,720.00        | 1,940.00       | 2,920.00        |

**\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\***

## MIG TORCHS



TORCH



NOZZLE



CONTACT TIP



TIP ADAPTOR



SWAN NECK



INSULATOR



LINER



GAS DIFFUSER

## PANA TYPE 350A MIG TORCH

| MODEL                        | LIST PRICE / ITEM (RM) |
|------------------------------|------------------------|
| COMPLETE TORCH 3M            | 450.00                 |
| COMPLETE TORCH 4M            | 550.00                 |
| COMPLETE TORCH 5M            | 610.00                 |
| NOZZLE 16MM                  | 23.00                  |
| CONTACT TIP M6° 45° 1.0MM    | 8.00                   |
| CONTACT TIP M6° 45° 1.2MM    | 8.00                   |
| CONTACT TIP M6° 45° 1.6MM    | 8.00                   |
| PANA 350 TIP ADAPTOR         | 16.00                  |
| PANA 350 SWAN NECK           | 80.00                  |
| INSULATOR 350A               | 17.00                  |
| GAS DIFFUSER 350A            | 10.00                  |
| LINER EURO / PANA FITTING 3M | 40.00 / 35.00          |
| LINER EURO / PANA FITTING 4M | 45.00 / 40.00          |
| LINER EURO / PANA FITTING 5M | 50.00 / 45.00          |

## PANA TYPE 500A MIG TORCH

| MODEL                        | LIST PRICE / ITEM (RM) |
|------------------------------|------------------------|
| COMPLETE TORCH 3M            | 670.00                 |
| COMPLETE TORCH 4M            | 730.00                 |
| COMPLETE TORCH 5M            | 790.00                 |
| NOZZLE 19MM                  | 25.00                  |
| CONTACT TIP M6° 45° 1.0MM    | 8.00                   |
| CONTACT TIP M6° 45° 1.2MM    | 8.00                   |
| CONTACT TIP M6° 45° 1.6MM    | 8.00                   |
| PANA 500A TIP ADAPTOR        | 20.00                  |
| PANA 500A SWAN NECK          | 130.00                 |
| INSULATOR 500A               | 22.00                  |
| GAS DIFFUSER 500A            | 12.00                  |
| LINER EURO / PANA FITTING 3M | 42.00 / 37.00          |
| LINER EURO / PANA FITTING 4M | 47.00 / 42.00          |
| LINER EURO / PANA FITTING 5M | 52.00 / 47.00          |

## MIG TORCHS



### MB 15 MIG TORCH

| MODEL                     | LIST PRICE / ITEM (RM) |
|---------------------------|------------------------|
| COMPLETE TORCH 3M         | 200.00                 |
| COMPLETE TORCH 4M         | 220.00                 |
| COMPLETE TORCH 5M         | 250.00                 |
| MB 15 NOZZLE 12MM         | 7.00                   |
| CONTACT TIP M6' 25' 0.8MM | 2.00                   |
| CONTACT TIP M6' 25' 1.0MM | 2.00                   |
| CONTACT TIP M6' 25' 1.2MM | 2.00                   |
| MB 15 TIP ADAPTOR         | 5.00                   |
| MB 15 SWAN NECK           | 70.00                  |
| LINER EURO FITTING 3M     | 20.00                  |
| LINER EURO FITTING 4M     | 22.00                  |
| LINER EURO FITTING 5M     | 24.00                  |

### MB 24 MIG TORCH

| MODEL                     | LIST PRICE / ITEM (RM) |
|---------------------------|------------------------|
| COMPLETE TORCH 3M         | 300.00                 |
| COMPLETE TORCH 4M         | 370.00                 |
| COMPLETE TORCH 5M         | 430.00                 |
| MB 24 NOZZLE 12.5MM       | 10.00                  |
| CONTACT TIP M6' 28' 0.8MM | 3.00                   |
| CONTACT TIP M6' 28' 1.0MM | 3.00                   |
| CONTACT TIP M6' 28' 1.2MM | 3.00                   |
| MB 24 TIP ADAPTOR         | 6.00                   |
| MB 24 SWAN NECK           | 100.00                 |
| GAS DIFFUSER CERAMIC      | 5.00                   |
| LINER EURO FITTING 3M     | 22.00                  |
| LINER EURO FITTING 4M     | 24.00                  |
| LINER EURO FITTING 5M     | 26.00                  |

### MB 36 MIG TORCH

| MODEL                     | LIST PRICE / ITEM (RM) |
|---------------------------|------------------------|
| COMPLETE TORCH 3M         | 500.00                 |
| COMPLETE TORCH 4M         | 433.00                 |
| COMPLETE TORCH 5M         | 600.00                 |
| MB 36 NOZZLE              | 17.00                  |
| CONTACT TIP M8' 30' 1.0MM | 5.00                   |
| CONTACT TIP M8' 30' 1.2MM | 5.00                   |
| MB 36 TIP ADAPTOR         | 7.00                   |
| MB 36S WAN NECK           | 130.00                 |
| GAS DIFFUSER CERAMIC      | 7.00                   |
| LINER EURO FITTING 3M     | 24.00                  |
| LINER EURO FITTING 4M     | 26.00                  |
| LINER EURO FITTING 5M     | 28.00                  |

## TIG WELDING TORCH

| TIG WELDING TORCH             | LIST PRICE / ITEM (RM) |
|-------------------------------|------------------------|
| WP 17 X 7 METER (150 Amps)    | 370.00                 |
| WP 17V X 7 METER (150 Amps)   | 370.00                 |
| WP 26 X 7 METER (200 Amps)    | 420.00                 |
| WP 1126V X 7 METER (200 Amps) | 420.00                 |
| WP 18 X 7 METER (350Amps)     | 470.00                 |



| TIG TORCH CONSUMABLE PARTS | LIST PRICE / ITEM (RM) |
|----------------------------|------------------------|
| CERAMIC CUP NO 4           | 4.00                   |
| CERAMIC CUP NO 5           | 4.00                   |
| CERAMIC CUP NO 6           | 4.00                   |
| CERAMIC CUP NO 7           | 4.00                   |
| CERAMIC CUP NO 8           | 4.00                   |
| CERAMIC CUP NO 10          | 4.00                   |
| CERAMIC CUP NO 11          | 4.00                   |
| CERAMIC CUP NO 12          | 4.00                   |
| COLLET 1.6MM               | 3.00                   |
| COLLET 2.4MM               | 3.00                   |
| COLLET 3.2MM               | 3.00                   |
| COLLET BODY 1.6MM          | 6.00                   |
| COLLET BODY 2.4MM          | 6.00                   |
| COLLET BODY 3.2MM          | 6.00                   |
| TIG TRIGGER SWITCH         | 13.00                  |
| SHORT BACK CAP             | 6.00                   |
| LONG BACK CAP              | 7.00                   |



CERAMIC CUP



SHORT BACK CAP



COLLET



LONG BACK CAP



COLLET BODY



TRIGGER SWITCH

| SHIYO 2% THORIATED RED TUNGSTEN ELECTRODE | LIST PRICE / PC (RM) |
|-------------------------------------------|----------------------|
| 1.6MM X 150MM                             | 5.00                 |
| 2.4MM X 150MM                             | 7.50                 |
| 3.2MM X 150MM                             | 15.00                |

| SHIYO PURE TUNGSTEN ELECTRODE PURE (GREEN) | LIST PRICE / PC (RM) |
|--------------------------------------------|----------------------|
| 1.6MM X 150MM                              | 8.50                 |
| 2.4MM X 150MM                              | 11.00                |
| 3.2MM X 150MM                              | 20.00                |



SHIYO TUNGSTEN ELECTRODE

## ACCESSORIES FOR PLASMA CUTTING, WELDING ACCESSORIES, WELD BRITE, NOZZLE GEL



ELECTRODE



NOZZLE



SHIELD CUP



TORCH

### PLASMA CUTTING ACCESSORIES

| MODEL                                  | LIST PRICE / ITEM (RM) |
|----------------------------------------|------------------------|
| SP-60 PLASMA CUTTER TORCH C/W 7M CABLE | 600.00                 |
| SP-80 PLASMA CUTTER TORCH C/W 7M CABLE | 800.00                 |
| SP-60 NOZZLE                           | 15.00                  |
| SP-60 ELECTRODE                        | 15.00                  |
| SP-60 SHIELD CUP                       | 15.00                  |
| SP-80 NOZZLE 1.5MM                     | 17.00                  |
| SP-80 ELECTRODE                        | 17.00                  |
| SP-80 SHIELD CUP                       | 17.00                  |



### STAINLESS STEEL REMOVER / PICKLING GEL

| MODEL           | LIST PRICE / ITEM (RM) |
|-----------------|------------------------|
| WELDBRITE 2.5KG | 145.00                 |



NOZZLE GEL

### SHIYO NOZZLE GEL

| MODEL             | LIST PRICE / ITEM (RM) |
|-------------------|------------------------|
| NOZZLE GEL (400M) | 13.00                  |

## SHIYO SAFETY SHOES



SH-801



SH-803



SH-805



SH-806A

| MODEL : MIDSOLE STEEL TOE CAP - BLACK COLOUR | LIST PRICE / PAIR (RM) |
|----------------------------------------------|------------------------|
| SH-801 (5" SAFETY SHOES)                     | 115.90                 |
| SH-803 (7" SAFETY SHOES)                     | 125.90                 |
| SH-805 (11" SLIP ON SAFETY SHOES)            | 145.90                 |
| SH-806A (8" ZIP UP SAFETY SHOES)             | 130.90                 |

## KING SAFETY SHOES



KWS 701



KWS 800



KWS 803



KWD 805



KWD 805 C



KWD 806



KWD 807

| MODEL                                    | LIST PRICE / PAIR (RM) |
|------------------------------------------|------------------------|
| KWS701 (5" ANKLE BOOTS) (BLACK)          | 168.40                 |
| KWS800 (STANDARD SAFETY SHOES) (BLACK)   | 154.00                 |
| KWS803 (6" ANKLE BOOTS) (BLACK)          | 188.60                 |
| KWD805 (10" SLIP ON HIGH BOOTS) (BLACK)  | 250.80                 |
| KWD805C (10" SLIP ON HIGH BOOTS) (BROWN) | 250.80                 |
| KWD806 (7" ZIP-UP BOOTS) (BLACK)         | 228.50                 |
| KWD807 (SLIP ON SAFETY SHOES) (BLACK)    | 204.50                 |



# A-stabil

- **FBH 10302** SAFETY FULL BODY HARNESS
- **EAL 20206** FALL ARREST - LANYARD WITH SNAP BIG HOOK
- **YCSB 5051B** CARABINER

**List Price : RM 250.00 / SET**

**FB-01** ENERGY ABSORBER 45MM WIDE  
**RM 60.00**  
(OPTIONAL ITEM)



**FBH10302**  
SAFETY FULL BODY HARNESS  
**RM 150.00**

**EAL20206** FALL ARREST-  
LANYARD WITH SNAP BIG HOOK  
**RM 95.00**

**YCSB5051B** CARABINER  
**RM 30.00**

## SAFETY PRODUCTS



BLUE JEAN



FURNITURE



ARGON



WELDING ARM SLEEVE



GREEN FULL LEATHER



RED FULL LEATHER



WELDING APRON

| MODEL                                  | LIST PRICE (RM) |
|----------------------------------------|-----------------|
| 10 ½ BLUE JEAN SEMI LEATHER HAND GLOVE | 80.00 / DOZ     |
| 10 ½ FURNITURE SEMI LEATHER HAND GLOVE | 80.00 / DOZ     |
| ARGON HAND GLOVE                       | 370.00 / DOZ    |
| 13" GREEN FULL LEATHER HAND GLOVE      | 230.00 / DOZ    |
| 13" RED FULL LEATHER HAND GLOVE        | 280.00 / DOZ    |
| WELDING APRON                          | 70.00 / PC      |
| 24" WELDING ARM SLEEVE                 | 66.00 / PAIR    |

## SAFETY GOGGLE



SAFETY GOGGLE (CLEAR)



A80-1015370 (CLEAR)



A800-1015368 (GREY)

| MODEL                                                   | LIST PRICE (RM) |
|---------------------------------------------------------|-----------------|
| SAFETY GOGGLE (CLEAR)                                   | 7.00 / PAIR     |
| HONEYWELL SAFETY SPECTICLE MODEL : A800-1015370 (CLEAR) | 14.00 / PAIR    |
| HONEYWELL SAFETY SPECTACLE MODEL : A800-1015368 (GREY)  | 14.00 / PAIR    |

## SAFETY HELMET



| MODEL                                                            | LIST PRICE (RM) |
|------------------------------------------------------------------|-----------------|
| LOCAL SAFETY HELMET WITH SIRIM APPROVAL<br>(WHITE, YELLOW, BLUE) | 20.00 / PC      |
| CHINA SAFETY HELMET<br>(WHITE, YELLOW)                           | 10.00 / PC      |

## LIFT FRONT COVER



| MODEL                          | LIST PRICE (RM) |
|--------------------------------|-----------------|
| LIFT FRONT TYPE WELDING HELMET | 30.00 / PC      |

## **FIRE BLANKET**



| <b>MODEL</b>                         | <b>LIST PRICE (RM)</b> |
|--------------------------------------|------------------------|
| FIRE BLANKET SIZE : 1.0MM x 1M x 50M | 700.00 / ROLL          |
| FIRE BLANKET SIZE : 1.5MM x 1M x 30M | 700.00 / ROLL          |
| FIRE BLANKET SIZE : 3.0MM x 1M x 30M | 1,000.00 / ROLL        |

## **WELDING CURTAIN**



| <b>MODEL</b>                                                         | <b>LIST PRICE (RM)</b> |
|----------------------------------------------------------------------|------------------------|
| CHIYODA WELDING CURTAIN (DARK GREEN)<br>SIZE : 1.8 METER X 1.8 METER | 380.00 / PC            |

## **PORTABLE GAS CYLINDER**



| <b>DESCRIPTION</b> | <b>LIST PRICE / CYLINDER (RM)</b> |
|--------------------|-----------------------------------|
| OXYGEN GAS         | 500.00                            |
| ACETYLENE GAS      | 600.00                            |
| CARBON DIOXIDE GAS | 500.00                            |
| ARGON GAS          | 600.00                            |
| NITROGEN GAS       | 500.00                            |



## **GAS CYLINDER TROLLEY**

| <b>DESCRIPTION</b>           | <b>LIST PRICE / CYLINDER (RM)</b> |
|------------------------------|-----------------------------------|
| GAS CYLINDER TROLLEY (BIG)   | 300.00                            |
| GAS CYLINDER TROLLEY (SMALL) | 220.00                            |
| SINGLE GAS TROLLEY           | 300.00                            |

## **SUPERTEX (KOREA) FLAT WEBBING SLING**



| <b>WIDTH-25MM</b>  | <b>LIST PRICE / PC (RM) (OB)</b> | <b>WIDTH-125MM</b> | <b>LIST PRICE / PC (RM) (OB)</b> |
|--------------------|----------------------------------|--------------------|----------------------------------|
| 1 TON X 1 METER    | 8.00                             | 5 TON X 2 METER    | 44.00                            |
| 1 TON X 1.5 METER  | 10.40                            | 5 TON X 3 METER    | 66.00                            |
| 1 TON X 2 METER    | 12.00                            | 5 TON X 4 METER    | 88.00                            |
| 1 TON X 3 METER    | 16.00                            | 5 TON X 5 METER    | 110.00                           |
| 1 TON X 4 METER    | 19.60                            | 5 TON X 6 METER    | 130.00                           |
| 1 TON X 5 METER    | 23.40                            | 5 TON X 8 METER    | 170.00                           |
| 1 TON X 6 METER    | 30.00                            | 5 TON X 10 METER   | 212.00                           |
| 1 TON X 8 METER    | 38.00                            | 5 TON X 12 METER   | 256.00                           |
| 1 TON X 10 METER   | 50.00                            | <b>WIDTH-150MM</b> | -                                |
| 1 TON X 12 METER   | 60.00                            | 6 TON X 2 METER    | 62.00                            |
| <b>WIDTH-50MM</b>  | -                                | 6 TON X 3 METER    | 84.00                            |
| 2 TON X 1 METER    | 12.60                            | 6 TON X 4 METER    | 108.00                           |
| 2 TON X 1.5 METER  | 16.40                            | 6 TON X 5 METER    | 110.00                           |
| 2 TON X 2 METER    | 20.00                            | 6 TON X 6 METER    | 130.00                           |
| 2 TON X 3 METER    | 27.00                            | 6 TON X 8 METER    | 170.00                           |
| 2 TON X 4 METER    | 35.20                            | 6 TON X 10 METER   | 212.00                           |
| 2 TON X 5 METER    | 44.00                            | 6 TON X 12 METER   | 256.00                           |
| 2 TON X 6 METER    | 52.40                            | <b>WIDTH-200MM</b> | -                                |
| 2 TON X 8 METER    | 68.00                            | 8 TON X 3 METER    | 128.00                           |
| 2 TON X 10 METER   | 86.00                            | 8 TON X 4 METER    | 168.00                           |
| 2 TON X 12 METER   | 104.00                           | 8 TON X 5 METER    | 210.00                           |
| <b>WIDTH-75MM</b>  | -                                | 8 TON X 6 METER    | 235.00                           |
| 3 TON X 1 METER    | 20.00                            | 8 TON X 8 METER    | 307.00                           |
| 3 TON X 1.5 METER  | 23.40                            | 8 TON X 10 METER   | 408.00                           |
| 3 TON X 2 METER    | 28.00                            | 8 TON X 12 METER   | 490.00                           |
| 3 TON X 3 METER    | 39.40                            | <b>WIDTH-250M</b>  | -                                |
| 3 TON X 4 METER    | 52.20                            | 10 TON X 3 METER   | 160.00                           |
| 3 TON X 5 METER    | 67.00                            | 10 TON X 4 METER   | 205.00                           |
| 3 TON X 6 METER    | 80.00                            | 10 TON X 5 METER   | 250.00                           |
| 3 TON X 8 METER    | 100.00                           | 10 TON X 6 METER   | 295.00                           |
| 3 TON X 10 METER   | 128.00                           | 10 TON X 8 METER   | 385.00                           |
| 3 TON X 12 METER   | 152.00                           | 10 TON X 10 METER  | 520.00                           |
| <b>WIDTH-100MM</b> | -                                | 10 TON X 12 METER  | 620.00                           |
| 4 TON X 2 METER    | 38.00                            | <b>WIDTH-300M</b>  | -                                |
| 4 TON X 3 METER    | 52.00                            | 12 TON X 3 METER   | 200.00                           |
| 4 TON X 4 METER    | 68.00                            | 12 TON X 4 METER   | 255.00                           |
| 4 TON X 5 METER    | 86.00                            | 12 TON X 5 METER   | 312.00                           |
| 4 TON X 6 METER    | 102.00                           | 12 TON X 6 METER   | 370.00                           |
| 4 TON X 8 METER    | 136.00                           | 12 TON X 8 METER   | 483.00                           |
| 4 TON X 10 METER   | 170.00                           | 12 TON X 10 METER  | 585.00                           |
| 4 TON X 12 METER   | 208.00                           | 12 TON X 12 METER  | 700.00                           |

**\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\***

# THERMAL DYNAMICS MANUAL PLASMA CUTTING INVERTERS



| MODEL                         | CUTMASTER 12MM                 | CUTMASTER 20MM                 |
|-------------------------------|--------------------------------|--------------------------------|
| CUTTING DATA                  | GENUINE 12MM                   | GENUINE 20MM                   |
|                               | MAXIMUM 15MM                   | MAXIMUM 25MM                   |
|                               | SEVERANCE 18MM                 | SEVERANCE 32MM                 |
|                               | PIERCE 10MM                    | PIERCE 13MM                    |
| OUTPUT CURRENT                | 20-40 AMPS, ADJUSTABLE         | 20-60 AMPS, ADJUSTABLE         |
| INPUT POWER                   | 415V, 3PHASE, 50/60 HZ, 16APMS | 415V, 3PHASE, 50/60 HZ, 16APMS |
| MINIMUM RECOMMENDED GENERATOR | 12 KVA                         | 12 KVA                         |
| INPUT POWER CABLE             | 2M WITHOUT PLUG                | 2M WITHOUT PLUG                |
| WORK CABLE                    | 6.1M                           | 6.1M                           |
| DUTY CYCLE                    | 40A@40%                        | 60A@45%                        |
| DIMENSIONS                    | LENGTH 610MM                   | LENGTH 615MM                   |
|                               | WIDTH 305MM                    | WIDTH 315MM                    |
|                               | HEIGHT 381MM                   | HEIGHT 385MM                   |
| WEIGHT (POWER SOURCE)         | 19.5KG                         | 19.5KG                         |
| <b>TORCH</b>                  |                                |                                |
| MODEL                         | SL60™ 1 TORCH® (HAND)          | SL60™ 1 TORCH® (HAND)          |
| LEAD LENGTH                   | HAND TORCH-6.1M                | HAND TORCH - 6.1M              |
| GAS                           | AIR                            | AIR                            |
| GAS PRESSURE                  | 65 PSI (4.6 BAR)               | 65 PSI (4.6 BAR)               |
| GAS FLOW                      | 5.8 CFM (165 PM)               | 5.8 CFM (165 PM)               |
| PILOT                         | START CARTRIDGE                | START CARTRIDGE                |
| CONTROL                       | HAND TORCH SWITCH              | HAND TORCH SWITCH              |
| <b>LIST PRICE / UNIT</b>      | <b>RM 6,000.00</b>             | <b>RM 12,800.00</b>            |

| MODEL                         | CUTMASTER 25MM                 | CUTMASTER 35MM                 | CUTMASTER 40MM                 |
|-------------------------------|--------------------------------|--------------------------------|--------------------------------|
| CUTTING DATA                  | GENUINE 25MM                   | GENUINE 35MM                   | GENUINE 40MM                   |
|                               | MAXIMUM 32MM                   | MAXIMUM 40MM                   | MAXIMUM 50MM                   |
|                               | SEVERANCE 38MM                 | SEVERANCE 45MM                 | SEVERANCE 55MM                 |
|                               | PIERCE 20MM                    | PIERCE 25MM                    | PIERCE 25MM                    |
| OUTPUT CURRENT                | 20-80 AMPS, ADJUSTABLE         | 25-100 AMPS, ADJUSTABLE        | 25-120 AMPS, ADJUSTABLE        |
| INPUT POWER                   | 415V, 3PHASE, 50/60 HZ, 20APMS | 415V, 3PHASE, 50/60 HZ, 26APMS | 415V, 3PHASE, 50/60 HZ, 28APMS |
| MINIMUM RECOMMENDED GENERATOR | 15 KVA                         | 15 KVA                         | 16.5 KVA                       |
| INPUT POWER CABLE             | 2M WITHOUT PLUG                | 2M WITHOUT PLUG                | 2M WITHOUT PLUG                |
| WORK CABLE                    | 6.1M                           | 6.1M                           | 6.1M                           |
| DUTY CYCLE                    | 80A @ 40%                      | 100A @ 80%                     | 120A @ 80%                     |
| DIMENSIONS                    | LENGTH 615MM                   | LENGTH 775MM                   | LENGTH 775MM                   |
|                               | WIDTH 315MM                    | WIDTH 315MM                    | WIDTH 315MM                    |
|                               | HEIGHT 385MM                   | HEIGHT 385MM                   | HEIGHT 385MM                   |
| WEIGHT (POWER SOURCE)         | 19.5KG                         | 28.1KG                         | 28.1KG                         |
| <b>TORCH</b>                  |                                |                                |                                |
| MODEL                         | SL60™ 1 TORCH® (HAND)          | SL100™ 1 TORCH® (HAND)         | SL100™ 1 TORCH® (HAND)         |
| LEAD LENGTH                   | HAND TORCH - 6.1M              | HAND TORCH - 6.1M              | HAND TORCH - 6.1M              |
| GAS                           | AIR                            | AIR                            | AIR                            |
| GAS PRESSURE                  | 60 psi (4.8 BAR)               | 70 psi (4.8 BAR)               | 70 PSI (4.8 BAR)               |
| GAS FLOW                      | 7.5 CFM (212 IPM)              | 7.5 CFM (212 IPM)              | 7.5 CFM (212 IPM)              |
| PILOT                         | START CARTRIDGE                | START CARTRIDGE                | START CARTRIDGE                |
| CONTROL                       | HAND TORCH SWITCH              | HAND TORCH SWITCH              | HAND TORCH SWITCH              |
| <b>List Price / Unit</b>      | <b>RM 14,200.00</b>            | <b>RM 18,280.00</b>            | <b>RM 20,600.00</b>            |

\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\*

## **CIGWELD 35A INVERTER PLASMA CUTTING SYSTEM**

| SPECIFICATIONS                  |                       |
|---------------------------------|-----------------------|
| INPUT VOLTAGE                   | 240 VOLTS, +/-15%     |
| INPUT FREQUENCY                 | 50 HZ                 |
| GENERATOR REQUIREMENT           | 10 KVA                |
| OUTPUT RANGE                    | 15-35 AMPS            |
| RATED OUTPUT@DUTY CYCLE         | 35A@30% DUTY CYCLE    |
| DIMENSIONS (H x W x D)          | 280H x 133W x 419D MM |
| WEIGHT (POWER SOURCE)           | 11.8 KG               |
| <b>LIST PRICE : RM 3,670.00</b> |                       |



CutSkill 35A Plasma

## **CIGWELD TRANSMIG 175i** **MULTI PROCESS INVERTER**



Transmig 175i

| SPECIFICATIONS                  |                                                                                               |
|---------------------------------|-----------------------------------------------------------------------------------------------|
| PROCESSES                       | MIG (GMAW/FCAW), STICK (MMAW), LIFT TIG (GTAW)                                                |
| SUPPLY VOLTAGE                  | 240 VOLT AC +/-15%, 50/60HZ (15A PLUG)                                                        |
| CURRENT RANGE                   | 10 -175 AMPS                                                                                  |
| DUTY CYCLE                      | MIG (GMAW/FCAW) : 25%@175A, 22.8V (40° C, 10 MINS)                                            |
|                                 | STICK (MMAW) : 20%@175A, 27.0V (40° C, 10 MINS)                                               |
|                                 | TIG (GTAW) : 25%@175A, 17.0V (40° C, 10 MINS)                                                 |
| RECOMMENDED GENERATOR           | 9 KVA FOR MAX. WELDING CURRENT                                                                |
| WEIGHT                          | POWER SOURCE : 14.6KG; PLANT (PACKED) : 23.0KG                                                |
| DIMENSIONS                      | POWER SOURCE : 410MM (H) x 210MM (W) x 450MM (D)<br>PLANT : 460MM (H) x 320MM (W) x 590MM (D) |
| <b>LIST PRICE : RM 3,815.00</b> |                                                                                               |

## CIGWELD WELDSKILL 250 & 350 MIG MACHINES



### **WELDSKILL 4R WIREFEEDER (OPTIONAL)**

THE WELDSKILL 4 ROLL WIREFEEDER IS SPECIFICALLY DESIGNED FOR USE ON BOTH THE WELDSKILL 250 AND 350 COMPACT POWER SOURCES. THE UNIT CAN BE EASILY ADDED TO EITHER MODEL POWER SOURCE BY SIMPLY PLUGGING IN AND SELECTING REMOTE MODE ON THE POWER SOURCE.

#### **PLANT CONTENTS**

WELDSKILL 4R WIREFEEDER  
8M INTERCONNECTION  
LEAD (FITTED) 200MM SPOOL  
ADAPTOR FEED ROLL  
0.9/1.2 MM V GROOVE (FITTED)  
SHIELDING GAS ADAPTOR  
OPERATING MANUAL

**LIST PRICE : RM 2,200.00**

| MODEL                                                     | WELDSKILL 250 MIG                                                                                                                                                                                                                                                                                                                                                                                                                                                                | WELDSKILL 350 MIG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INPUT VOLTAGE                                             | 240 VAC $\pm 10\%$<br>50 HZ                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 415 VAC $\pm 10\%$<br>50 HZ                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| GENERATOR REQUIREMENTS                                    | 13 KVA                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 18 KVA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| OUTPUT CURRENT RANGE                                      | 50-270 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 35-380 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RATED OUTPUT DUTY CYCLE                                   | 250 A@20%                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 350 A@30%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| POWER SOURCE MASS                                         | 100 KG                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 112 KG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PLANT DIMENSIONS<br>(INCLUDING CYLINDER CARRIER & WHEELS) | H1050MM x W470MM x D1020MM                                                                                                                                                                                                                                                                                                                                                                                                                                                       | H1050MM x W470MM x D1020MM                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PLANT CONTENTS                                            | WELDSKILL 250 POWER SOURCE (COMPACT)<br>MIG TORCH 3.6M<br>WORK LEAD 3M<br>REGULATOR / FLOWMETER (AUST & NZ ONLY)<br>CYLINDER CHAIN<br>200MM SPOOL ADAPTOR<br>FEED ROLLS: 0.6/0.8MM V GROOVE,<br>0.9/1.2MM V GROOVE (FITTED),<br>1.0/1.2MM U GROOVE,<br>0.8/0.9MM V KNURLED,<br>1.2/1.6MM V KNURLED<br>CONTACT TIPS: 0.6MM,<br>0.8MM, 0.9MM (FITTED),<br>1.0MM, 1.2MM, 1.6MM<br>SHIELDING GAS HOSE ASSEMBLY<br>SHIELDING GAS ADAPTOR<br>WHEELING KIT (FITTED)<br>OPERATING MANUAL | WELDSKILL 350 POWER SOURCE (COMPACT)<br>MIG TORCH 3.6M<br>WORK LEAD 3M<br>REGULATOR / FLOWMETER (AUST & NZ ONLY)<br>CYLINDER CHAIN<br>200MM SPOOL ADAPTOR<br>FEED ROLLS: 0.6/0.8MM V GROOVE,<br>0.9/1.2MM V GROOVE (FITTED),<br>1.0/1.2MM U GROOVE,<br>1.2/1.6MM U GROOVE,<br>0.8/0.9MM V KNURLED,<br>1.2/1.6MM V KNURLED,<br>CONTACT TIPS: 0.6MM, 0.8MM,<br>0.9MM (FITTED), 1.0MM,<br>1.2MM, 1.6MM<br>SHIELDING GAS HOSE ASSEMBLY<br>SHIELDING GAS ADAPTOR<br>WHEELING KIT (FITTED)<br>OPERATING MANUAL |
| <b>LIST PRICE</b>                                         | <b>RM 7,500.00</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>RM 9,500.00</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

**\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\***

## CIGWELD WELDING ACCESSORIES

|                                         | <b>LIST PRICE (RM)</b> |
|-----------------------------------------|------------------------|
| CIGWELD SOLAR AUTO DARKENING HEADSHIELD | 450.00                 |
| CIGWELD HIDEROK WELDING HELMET          | 92.00                  |
| CIGWELD ST250 CUTTING TORCH             | 400.00                 |

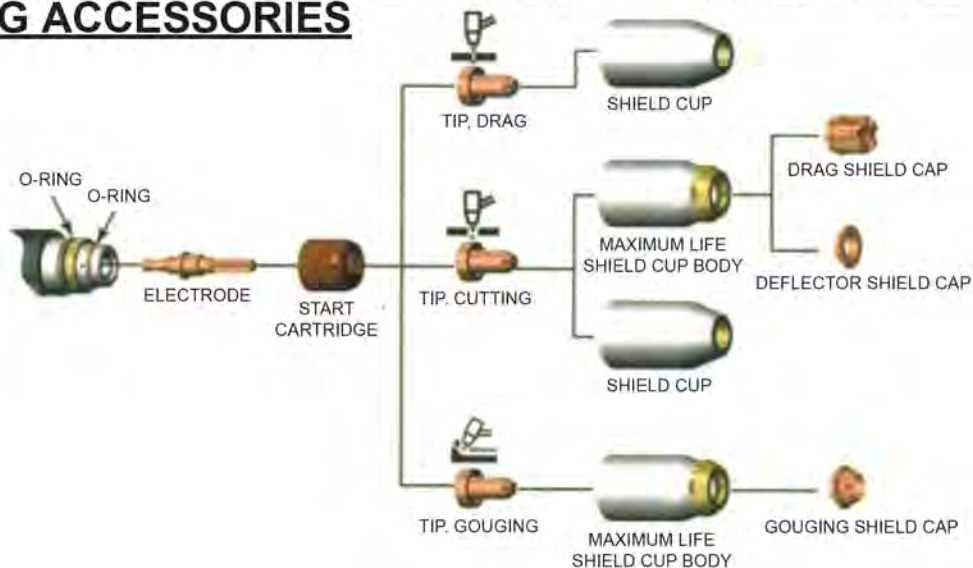


## CUTSKILL WELDING ACCESSORIES

|                                                 | <b>LIST PRICE (RM)</b> |
|-------------------------------------------------|------------------------|
| CUTSKILL OXYGEN REGULATOR                       | 300.00                 |
| CUTSKILL ACETYLENE REGULATOR                    | 300.00                 |
| CUTSKILL TRADEMAN GAS WELDING & CUTTING KIT SET | 1,400.00               |



## THERMAL DYNAMICS PROFESSIONAL PLASMA TORCH & WELDING ACCESSORIES



|                                 | <b>LIST PRICE (RM)</b> |
|---------------------------------|------------------------|
| THERMAL SL60 x 6M PLASMA TORCH  | 3,000.00               |
| THERMAL SL100 x 6M PLASMA TORCH | 4,000.00               |
| THERMAL ELECTRODE 9-8215        | 30.00                  |
| THERMAL START CARTRIDGE 9-8213  | 265.00                 |
| THERMAL TIP 20A 9-8205          | 15.00                  |
| THERMAL TIP 30A 9-8206          | 23.00                  |
| THERMAL TIP 40A 9-8207          | 19.00                  |
| THERMAL TIP 40A 9-8208          | 14.00                  |
| THERMAL TIP 60A 9-8210          | 14.00                  |
| THERMAL TIP 80A 9-8211          | 14.00                  |
| THERMAL TIP 80A 9-8212          | 14.00                  |
| THERMAL TIP 120A 9-8253         | 16.00                  |
| THERMAL SHIELD CUP 9-8218       | 130.00                 |
| THERMAL SHIELD CUP 9-8243       | 30.00                  |

## WIM SPOT WELDER MC15 / MC25 / PMC25

Model:MC/PMC

MC: with Electronic timer and mechanical

PMC: with Electronic timer and Pneumatic Drive.

### WELDS

- . Welding Process
- . Resistance Spot Welding

### ADVANTAGES OF WIM

- . Good working performance through thyristor controlled circuit eliminating contractors. Long serviceable life.
- . Power saving though usage of high quality conductive material and superior secondary circuit.
- . Efficient after cooling circuit.
- . Lower exhaust noise through unique construction.
- . Safe usage through high insulation techniques.
- . 2 years limited warranty.



FOOT SWITCH for PMC25  
P/N : SSWF-3350



MC15  
P/N : 400415

MC25  
P/N : 400425

PMC25  
P/N : 400400T

\* Note: Not Recommended for welding aluminium, cooper or cooper alloys.

| TECHNICAL CHARACTERISTICS |                               |          |       | MC15    | MC25    | PMC25   |
|---------------------------|-------------------------------|----------|-------|---------|---------|---------|
|                           |                               |          | KVA   | 15      | 25      | 25      |
| Rated Primary Voltage     |                               |          | V     | 230/415 | 230/415 | 230/415 |
| Spot                      | Rated Frquency                |          | Hz    | 50/60   | 50/60   | 50/60   |
|                           | Rated Mazimum Input           |          | KVA   | 20      | 45      | 45      |
|                           | Duty Cycle                    |          | %     | 9       | 9.2     | 9.2     |
|                           | Rated Secondary Current (max) |          | A     | 7,500   | 12,000  | 12,000  |
|                           | Dimension of Throat Depth     | Depth    | mm    | 300     | 330     | 330     |
|                           |                               | Opening  | mm    | 150     | 150     | 150     |
|                           | Tip Holder                    | Diameter | mm    | 22      | 22      | 22      |
|                           |                               | Length   | mm    | 153     | 153     | 153     |
|                           | Tip                           | Diameter | mm    | 16      | 16      | 16      |
|                           |                               | Taper    | 1/5   | 1/5     | 1/5     | 1/5     |
| Maximum Electrode Force   |                               |          | kg    | 180     | 320     | 420     |
| Quantity of Cooling Water |                               |          | L/min | 6       | 6       | 6       |
| Net Weight (Approximate)  |                               |          | kg    | 118     | 158     | 166     |
|                           | Lenght                        | mm       | 750   | 830     | 830     |         |
| Dimension                 | Width                         | mm       | 335   | 375     | 375     |         |
|                           | Height                        | mm       | 1190  | 1190    | 1190    |         |

## WIM PORTABLE SPOT WELDER MINI SPOT 2.5 / MC8

These lightweight, air-cooled unit are portable, easy to operate, and provide a quick effective means spot welding.

It is suitable for autobody shops for :-

- nail spot welding
- washer spot
- spot welding on special washer
- screw spot - welding
- river spot
- nail drawing
- washer drawing



MINI SPOT 2.5  
P/N : 200425



P/N : 4004MC8



P/N : STPE-MC8-1



P/N : STPE-MC8-2

\* Note: Not Recommended for welding aluminium, copper or copper alloys.

| TECHNICAL CHARACTERISTICS        |                | MINI SPOT 2.5        | MC8                  |
|----------------------------------|----------------|----------------------|----------------------|
| Primary Supply                   | 50/60Hz(1ph V) | AC230/240V, +15%-20% | AC230/240V, +15%-20% |
| Rated Capacity at 50% Duty Cycle | KVA            | 2.5                  | 8                    |
| No Load Voltage                  | V              | 6                    | 6                    |
| Primary Line Current (Max)       | A              | 65                   | 65                   |
| Net Weight                       | Kg             | 11,5                 | 37                   |
| Dimension (WxLxH)                | mm             | 330.2x152.4x114.3    | 273x380x373          |

## AUTOMATIC LOCATION TURN TABLE

- Through the design of the center bore on the shaft of the turn table in this series, the installation of the air hose or pneumatic material discharging device is optional. This has the merits of high rigid and fast heat dissipation.
- To fix the angle of the turn table by adjustable hand lever mounted on base wall or by worm shaft adjustment. Adjustable range: 0-90°
- Turn table is standardization and easy assembly constructed, It applies single step speed reduction. Revolution is adjustable per requirement.
- Grounding high carbon brush can be installed for welding function. Grounding efficiency: 50A-500A, Duty Circle:40%



| MODEL   | HORIZONTAL LOAD | VERTICAL LOAD | SPEED                      | DISC SIZE | CENTER BORE | ANGLE ADJUSTMENT                              | CONTROL BOX                                | DIMENSION(CM)        | WEIGHT   |
|---------|-----------------|---------------|----------------------------|-----------|-------------|-----------------------------------------------|--------------------------------------------|----------------------|----------|
| TMS-200 | TMS-200         | TMS-200       | SLOW : 0.6-6<br>FUST: 1-15 | Ø310      | Ø38         | Wall Lock Style<br>Worm-Gear Adjustment Style | Time Device Style<br>Origin Location Style | 39X46X42<br>46X56X42 | 50<br>63 |

## **QUASA WELDER / GENERATOR / DIESEL TYPE**



SUD - 650EWN

| <b>OPEN TYPE DIESEL WELDER GENERATOR MODEL : SUD - 650EWN</b> |             |             |                |
|---------------------------------------------------------------|-------------|-------------|----------------|
| RATED OUTPUT                                                  | 2.0kw       | NOISE       |                |
| RATED CURRENT                                                 | 8.7kw       | ENGINE TYPE | 4 st. air cool |
| MAX POWER                                                     | 6.5kw / rpm | PLUG TYPE   |                |
| CONT.POWER                                                    | 6.0kw / rpm | ENGINE TYPE | 186FACE        |
| FUEL TANK                                                     | 16.0 litre  | WELDING Dc  | 50-180ADC      |
| WORK HOUR                                                     | 10.0 hr     | LUBE VOLUME | 1.65 litre     |
| GROSS WEIGHT                                                  | 120.0kg     | STARTER     | RECOIL/KEY     |
| <b>LIST PRICE : RM 9,200.00</b>                               |             |             |                |



SUD - 650EN

| <b>5.0kW OPEN TYPE DIESEL GENERATOR MODEL : SUD - 650EN</b> |            |             |                |
|-------------------------------------------------------------|------------|-------------|----------------|
| RATED OUTPUT                                                | 5.0kw      | NOISE       |                |
| RATED CURRENT                                               | 5.5kw      | ENGINE TYPE | 4 st. air cool |
| POWER FACTOR                                                | 0.80       | PLUG TYPE   |                |
| FUEL TYPE                                                   | DIESEL     | ENGINE TYPE | SU186FAG       |
| FUEL TANK                                                   | 12.5 litre | WELDING Dc  |                |
| WORK HOUR                                                   | 10.0 hr    | LUBE VOLUME | 1.65 litre     |
| GROSS WEIGHT                                                | 120.0kg    | STARTER     | RECOIL/KEY     |
| <b>LIST PRICE : RM 7,350.00</b>                             |            |             |                |

## **QUASA GENERATOR PETROL TYPE**

| <b>OPEN TYPE PETROL WELDER GENERATOR MODEL : SUG - 65EWH</b> |             |             |                |
|--------------------------------------------------------------|-------------|-------------|----------------|
| RATED OUTPUT                                                 | 2.2kw       | NOISE       |                |
| RATED CURRENT                                                | 8.7kw       | ENGINE TYPE | 4 st. air cool |
| MAX POWER                                                    | 8.3kw / rpm | PLUG TYPE   |                |
| CONT. POWER                                                  | 7.5kw / rpm | ENGINE TYPE | SG390          |
| FUEL TANK                                                    | 25.0 litre  | WELDING Dc  | 50-180A DC     |
| WORK HOUR                                                    | 15.0 hr     | LUBE VOLUME | 1.1 litre      |
| GROSS WEIGHT                                                 | 165.0kg     | STARTER     | RECOIL/KEY     |
| <b>LIST PRICE : RM 8,500.00</b>                              |             |             |                |



SUG - 65EWH

| <b>5000 WATT PORTABLE GENERATOR MODEL : UPG - 6300G</b> |            |             |                |
|---------------------------------------------------------|------------|-------------|----------------|
| RATED OUTPUT                                            | 5.0kw      | NOISE       | 96dB           |
| RATED CURRENT                                           | 5.5kw      | ENGINE TYPE | 4 st. air cool |
| POWER FACTOR                                            | 1.00       | PLUG TYPE   | F7TC           |
| FUEL TYPE                                               | 90#PETROL  | ENGINE TYPE | UP188          |
| FUEL TANK                                               | 25.0 litre | WELDING Dc  | SAE 10W/30     |
| WORK HOUR                                               | 10.0 hr    | LUBE VOLUME | 1.1 litre      |
| GROSS WEIGHT                                            | 82.0kg     | STARTER     | RECOIL/KEY     |
| <b>LIST PRICE : RM 4,650.00</b>                         |            |             |                |



UPG - 6300G

| <b>6000 WATT PORTABLE GENERATOR MODEL : UPG - 7300G</b> |            |             |                |
|---------------------------------------------------------|------------|-------------|----------------|
| RATED OUTPUT                                            | 5.8kw      | NOISE       | 96dB           |
| RATED CURRENT                                           | 6.5kw      | ENGINE TYPE | 4 st. air cool |
| POWER FACTOR                                            | 1.00       | PLUG TYPE   | E6TC           |
| FUEL TYPE                                               | 90#PETROL  | ENGINE TYPE | UP190          |
| FUEL TANK                                               | 25.0 litre | WELDING Dc  | SAE 10W/30     |
| WORK HOUR                                               | 10.0 hr    | LUBE VOLUME | 1.1 litre      |
| GROSS WEIGHT                                            | 85.0kg     | STARTER     | RECOIL/KEY     |
| <b>LIST PRICE : RM 5,200.00</b>                         |            |             |                |



UPG - 7300G

## POWER SPRAYERS



| Model                       |                    |       | 30          |
|-----------------------------|--------------------|-------|-------------|
| Suction Volume              | Spraying           | RPM   | 800         |
|                             |                    | ℓ/min | 30          |
|                             | Irrigation         | RPM   | 1400        |
|                             |                    | ℓ/min | 50          |
| Pressure Kg/cm <sup>2</sup> | Spraying           | Max.  | 35          |
|                             |                    | Nor.  | 21          |
|                             | Irrigation         |       | 10          |
| Power                       | Engine Honda G200  |       | RM 1,650.00 |
|                             | Electric Motor 2HP |       | RM 1,130.00 |

## SLIDING TABLE CIRCULAR SAW MACHINE



| Model                         | SYO-800                 |
|-------------------------------|-------------------------|
| Motor Power                   | 2HP, 1PH/3HP,3PH        |
| Sawblade Speed                | 3000RPM                 |
| Sawblade Diameter             | 255mm - 405mm           |
| Sawblade Bore Diameter        | 30m                     |
| Max. Cutting Height           | 115mm                   |
| Fixed Table Dimension (LxW)   | 740mm x 495mm           |
| Sliding Table Dimension (LxW) | 740mm x 910mm           |
| Length of Hex, Bar            | 2031mm x 2pcs           |
| Machine Sizes (LxWxH)         | 2032mm x 1410mm x 765mm |
| Net Weight                    | 140kgs                  |

## 24" CROSS CUT SAW MACHINE



| Model                   | SYO-101                |
|-------------------------|------------------------|
| Motor Power             | 3HP / 415V / 3PH       |
| Sawblade Speed          | 3000RPM                |
| Sawblade Diameter       | 305mm - 405mm          |
| Sawblade Bore Diameter  | 30m                    |
| Sawblade Tilting        | 0° - 90°               |
| Max. Cross Cut Capacity | 600m                   |
| Working Table Area      | 1220mm x 610mm         |
| Working Table Height    | 800mm                  |
| Machine Sizes (LxWxH)   | 1220m x 1500m x 1260mm |
| Net Weight              | 168kgs                 |

## **KSU-R TYPE PIPE THREADING MACHINE**



**N 50A**



**N 80A**

### **SPECIFICATIONS**

| <b>MODEL</b>                          | <b>N 50A</b>      | <b>N 80A</b>      |
|---------------------------------------|-------------------|-------------------|
| THREADING CAPACITY                    | 1/2 - 2"          | 1/2 - 3"          |
| VOLTAGE (50/60HZ) (V) AC              | 240V (50HZ)       |                   |
| MOTOR SINGLE-PHASE (W)                | SERIES MOTOR 750W | SERIES MOTOR 750W |
| ROTATION SPEED (UNLOADED) (R.P.M.)    | 32                | 25                |
| NET WEIGHT (KG)                       | 58.5              | 69                |
| DIMENSIONS FROM BED (L) x (W) x (H)MM | 512 x 305 x 386   | 526 x 318 x 405   |
| <b>LIST PRICE (RM)</b>                | 9,000.00          | 10,000.00         |



**N 50A (2")**

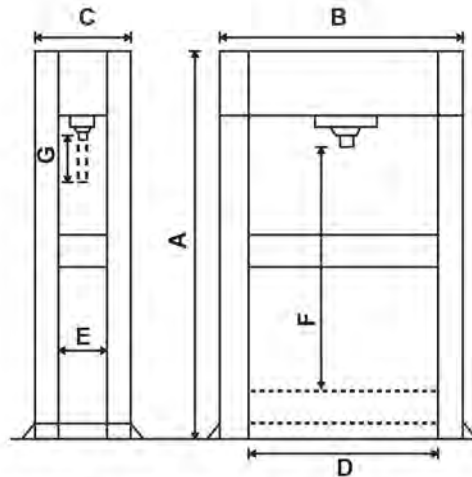


**N 80A (3")**

### **STANDARD ACCESSORIES**

| <b>MODEL</b>       | <b>N 50A</b>                    | <b>N 80A</b>                                 |
|--------------------|---------------------------------|----------------------------------------------|
| DIE HEAD           | (1/2 - 2")<br>1 SETS            | (1/2 - 2") (2 1/2 - 3")<br>2 SETS            |
| DIES               | (1/2 - 3/4") (1 - 2")<br>2 SETS | (1/2 - 3/4") (1 - 2")<br>(2 1/2 - 3") 3 SETS |
| THREAD CUTTING OIL | 4 LITERS 1 CAN                  |                                              |
| TOOL BOX           | 1 PCS                           |                                              |
| HEXAGONAL KEYS     | 3, 4, 5, 6 M/M 4PCS             | 3,4,5,6,8 M/M 5PCS                           |
| SCREW DRIVER       | CROSS POINT 1 PCS               |                                              |

## TOYO HYDRAULIC PRESS



| HYDRAULIC PRESS C/W STD. ACCESSORIES (MANUAL / MOVEABLE HEAD) |        |          |            |                 |
|---------------------------------------------------------------|--------|----------|------------|-----------------|
| DESCRIPTION                                                   | MODEL  | CAPACITY | RAM STORKE | LIST PRICE (RM) |
| TOYO 30 TON HYDRAULIC PRESS                                   | TL-30  | 30 TON   | 150MM      | 5,000.00        |
| TOYO 60 TON HYDRAULIC PRESS                                   | TL-60  | 60 TON   | 185MM      | 12,200.00       |
| TOYO 100 TON HYDRAULIC PRESS                                  | TL-100 | 100 TON  | 235MM      | 20,000.00       |

| HYDRAULIC PRESS C/W STD. ACCESSORIES (MANUAL / NOT MOVEABLE HEAD) |        |          |                 |
|-------------------------------------------------------------------|--------|----------|-----------------|
| DESCRIPTION                                                       | MODEL  | CAPACITY | LIST PRICE (RM) |
| TOYO 15 TON HYDRAULIC PRESS                                       | TL-15  | 15 TON   | 2,840.00        |
| TOYO 20 TON HYDRAULIC PRESS                                       | TL-20  | 20 TON   | 3,580.00        |
| TOYO 150 TON HYDRAULIC PRESS                                      | TL-150 | 150 TON  | 29,400.00       |
| TOYO 200 TON HYDRAULIC PRESS                                      | TL-200 | 200 TON  | 53,000.00       |

| HYDRAULIC PRESS C/W STD. ACCESSORIES (MANUAL & ELECTRIC TYPE NOT MOVEABLE HEAD) |         |          |               |                 |
|---------------------------------------------------------------------------------|---------|----------|---------------|-----------------|
| DESCRIPTION                                                                     | MODEL   | CAPACITY | MOTOR         | LIST PRICE (RM) |
| TOYO 100 TON HYDRAULIC PRESS                                                    | TLE-100 | 100 TON  | 10 HPX3 PHASE | 38,000.00       |
| TOYO 150 TON HYDRAULIC PRESS                                                    | TLE-150 | 150 TON  | 15 HPX3 PHASE | 55,000.00       |
| TOYO 200 TON HYDRAULIC PRESS                                                    | TLE-200 | 200 TON  | 20 HPX3 PHASE | 78,000.00       |

| CAPACITY                                  | 30 TON    | 60 TON    | 80 TON    | 100 TON   | 160 TON   | 180 TON   | 200 TON   | 250 TON   |
|-------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| A HEIGHT (MM)                             | 1500      | 1500      | 2000      | 2000      | 2050      | 2050      | 2300      | 2300      |
| B LENGTH (MM)                             | 1000      | 1000      | 1500      | 1500      | 1750      | 1750      | 2000      | 2000      |
| C WIDTH (MM)                              | 380       | 380       | 480       | 480       | 520       | 520       | 660       | 660       |
| D BETWEEN TWO COLUMN (MM)                 | 700       | 700       | 920       | 920       | 1100      | 1100      | 1300      | 1300      |
| E BETWEEN TWO COLUMN (WIDTH (MM)          | 180       | 180       | 300       | 300       | 330       | 330       | 420       | 420       |
| F WORKING CAPACITY AS TABLE IS BELOW (MM) | 700       | 700       | 900       | 900       | 970       | 970       | 1100      | 1100      |
| G PISTON PRESSURE STROKE (MM)             | 400       | 400       | 400       | 400       | 400       | 400       | 400       | 400       |
| H OIL KIND                                | TELLUS 27 | TELLUS 27 | TELLUS 27 | TELLUS 27 | TELLUS 27 | TELLUS 27 | TELLUS 27 | TELLUS 27 |

**\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\***

## CHINA BENCH GRINDER

| <b>CHINA BENCH GRINDER (SINGLE PHASE)</b> |               |               |
|-------------------------------------------|---------------|---------------|
| SIZE                                      | 6"            | 8"            |
| MOTOR (KW)                                | 13            | 13            |
| MOTOR (HP)                                | 103           | 180           |
| VOLTAGE (V)                               | B16           | B16           |
| SPEED (RPM)                               | 515-2580      | 450-2650      |
| WEIGHT (KG)                               | 5             | 4             |
| DIAMETER (MM)                             | 165 X 162     | Ø300          |
| DIAMETER (INCH)                           | 178 X 140     | 220 X 220     |
| THICKNESS (MM)                            | 220           | 318           |
| THICKNESS (INCH)                          | 300           | 475           |
| HOLE (MM)                                 | 581           | 858           |
| HOLE (INCH)                               | 22            | 65            |
| <b>LIST PRICE (RM)</b>                    | <b>285.00</b> | <b>345.00</b> |



**6" / 8"**

## PEDESTAL GRINDER

| <b>PEDESTAL GRINDER C/W STAND (THREE PHASE)</b> |                 |                 |
|-------------------------------------------------|-----------------|-----------------|
| SIZE                                            | 10"             | 12"             |
| MOTOR (KW)                                      | 0.75            | 1.5             |
| MOTOR (HP)                                      | 1               | 2               |
| VOLTAGE (V)                                     | 380             | 380             |
| SPEED (RPM)                                     | 2850            | 1430            |
| WEIGHT (KG)                                     | 80              | 125             |
| DIAMETER (MM)                                   | 250             | 300             |
| DIAMETER (INCH)                                 | 10              | 12              |
| THICKNESS (MM)                                  | 25              | 40              |
| THICKNESS (INCH)                                | 1               | 1 5/8           |
| HOLE (MM)                                       | 32              | 75              |
| HOLE (INCH)                                     | 1 1/4           | 3               |
| <b>LIST PRICE (RM)</b>                          | <b>3,350.00</b> | <b>4,350.00</b> |



**10" / 12"**

## HITACHI CHAIN HOIST



CHAIN HOIST

### 230V, 1PH, 50HZ (SINGLE PHASE TYPE)

| CAPACITY        | MODEL    | LIFT (M) | HOISTING SPEED (M/MIN) | LIST PRICE (RM) |
|-----------------|----------|----------|------------------------|-----------------|
| 500KG (1/2 TON) | 1/ 2SSH2 | 6        | 3.6                    | 13,200.00       |
| 1,000KG (1 TON) | 1SH1     | 6        | 2.3                    | 12,150.00       |

### 415V, 3PH, 50HZ (THREE PHASE TYPE)

| CAPACITY        | MODEL  | LIFT (M) | HOISTING SPEED (M/MIN) | LIST PRICE (RM) |
|-----------------|--------|----------|------------------------|-----------------|
| 250KG (1/4 TON) | 1/4SH2 | 6        | 10                     | 9,350.00        |
| 500KG (1/2 TON) | 1/2SH2 | 6        | 7.2                    | 10,300.00       |
| 1,000KG (1 TON) | 1SH    | 6        | 4.6                    | 10,200.00       |
|                 | 1FH    | 6        | 7.1                    | 12,150.00       |
|                 | 1SNH   | 6        | 4.6/1.2                | 12,150.00       |
| 2,000KG (2 TON) | 2SH    | 6        | 2.3                    | 12,600.00       |
|                 | 2FH    | 6        | 6.8                    | 17,400.00       |
|                 | 2FNH   | 6        | 6.8/1.7                | 24,000.00       |
| 3,000KG (3 TON) | 3SH    | 6        | 1.5                    | 16,650.00       |
|                 | 3FH    | 6        | 4.1                    | 24,400.00       |
| 5,000KG (5 TON) | 5SH    | 6        | 0.9                    | 23,000.00       |
|                 | 5FH    | 6        | 2.8                    | 30,500.00       |

## MOTOR DRIVEN TROLLEY FOR CHAIN HOIST



TROLLEY

### 415V, 3PH, 50HZ (THREE PHASE TYPE)

| CAPACITY        | MODEL | TROLLEY SPEED (M/MIN) | LIST PRICE (RM) |
|-----------------|-------|-----------------------|-----------------|
| 1,000KG (1 TON) | 1ST   | 10.5                  | 8,600.00        |
|                 | 1ET   | 21                    | 9,250.00        |
| 2,000KG (2 TON) | 2ST   | 10.5                  | 9,200.00        |
|                 | 2ET   | 21                    | 10,000.00       |
| 3,000KG (3 TON) | 3ST   | 10.5                  | 11,000.00       |
| 5,000KG (5 TON) | 5ET   | 21                    | 18,350.00       |

#### **REMARKS :**

1. DELIVERY: NORMALLY EX-STOCK SUBJECT TO CONFIRMATION UPON PO RECEIVES.
2. SPECIFICATION: PRODUCT MANUFACTURED TO HITACHI STANDARD SPECIFICATIONS.
3. VALIDITY: PRICE SUBJECT TO CHANGE IN FUTURE BASED ON MARKET CURRENCY EXCHANGE.

## SR CHAIN HOIST

| E-SERIES : SINGLE SPEED CHAIN HOIST |                       |                              |                             |                           |                        |               |                       |
|-------------------------------------|-----------------------|------------------------------|-----------------------------|---------------------------|------------------------|---------------|-----------------------|
| Voltage                             | SinglePhase 220v 50Hz |                              |                             |                           |                        |               |                       |
| MODEL                               | CAPACITY<br>(TON)     | LIFTING<br>HEIGHT<br>(METER) | LIFTING<br>SPEED<br>(M/MIN) | HOISTING<br>MOTOR<br>(KW) | LOAD<br>CHAIN<br>(ØMM) | CHAIN<br>FALL | DUTY<br>RATING<br>(%) |
| CH005E                              | 0.5                   |                              | 4.7                         | 1.5                       | 7.1                    | 1             |                       |
| CH005HE                             | 0.5                   |                              | 7                           | 1.5                       | 7.1                    | 1             |                       |
| CH010E                              | 1                     | 5                            | 4.7                         | 1.5                       | 7.1                    | 1             | 35                    |
| CH020E                              | 2                     |                              | 2.3                         | 1.5                       | 7.1                    | 2             |                       |
| CH030E                              | 3                     |                              | 1.5                         | 1.5                       | 7.1                    | 3             |                       |

| S-SERIES : SINGLE SPEED CHAIN HOIST |                   |                              |                             |                           |                        |               |                       |
|-------------------------------------|-------------------|------------------------------|-----------------------------|---------------------------|------------------------|---------------|-----------------------|
| Voltage                             | 3 Phase 415v 50Hz |                              |                             |                           |                        |               |                       |
| MODEL                               | CAPACITY<br>(TON) | LIFTING<br>HEIGHT<br>(METER) | LIFTING<br>SPEED<br>(M/MIN) | HOISTING<br>MOTOR<br>(KW) | LOAD<br>CHAIN<br>(ØMM) | CHAIN<br>FALL | DUTY<br>RATING<br>(%) |
| CH005N                              | 0.5               |                              | 4.7                         | 1.5                       | 7.1                    | 1             |                       |
| CH005HN                             | 0.5               |                              | 7                           | 1.5                       | 7.1                    | 1             |                       |
| CH005XN                             | 0.5               |                              | 11.5                        | 1.5                       | 7.1                    | 1             |                       |
| CH010N                              | 1                 |                              | 4.7                         | 1.5                       | 7.1                    | 1             |                       |
| CH010HN                             | 1                 |                              | 7                           | 1.5                       | 7.1                    | 1             |                       |
| CH020N                              | 2                 |                              | 2.3                         | 1.5                       | 7.1                    | 2             |                       |
| CH020HN                             | 2                 |                              | 3.5                         | 1.5                       | 7.1                    | 2             |                       |
| CH020S                              | 2                 |                              | 9                           | 3.7                       | 11.2                   | 1             |                       |
| CH030N                              | 3                 | 5                            | 1.5                         | 1.5                       | 7.1                    | 3             | 45                    |
| CH030HN                             | 3                 |                              | 2.3                         | 1.5                       | 7.1                    | 3             |                       |
| CH030S                              | 3                 |                              | 5.3                         | 3.7                       | 11.2                   | 1             |                       |
| CH050S                              | 5                 |                              | 2.6                         | 3.7                       | 11.2                   | 2             |                       |
| CH075S                              | 7.5               |                              | 1.8                         | 3.7                       | 11.2                   | 3             |                       |
| CH100S                              | 10                |                              | 2.6                         | 3.7 X 2                   | 11.2                   | 4             |                       |
| CH150S                              | 15                |                              | 1.8                         | 3.7 X 2                   | 11.2                   | 6             |                       |
| CH200S                              | 20                |                              | 1.4                         | 4.1 X 2                   | 11.2                   | 8             |                       |
| CH250S                              | 25                |                              | 1.1                         | 4.1 X 2                   | 11.2                   | 10            |                       |

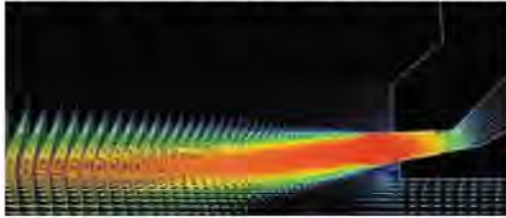
| D-SERIES : DOUBLE SPEED CHAIN HOIST |                   |                              |                             |                           |                        |               |                       |
|-------------------------------------|-------------------|------------------------------|-----------------------------|---------------------------|------------------------|---------------|-----------------------|
| Voltage                             | 3 Phase 415v 50Hz |                              |                             |                           |                        |               |                       |
| MODEL                               | CAPACITY<br>(TON) | LIFTING<br>HEIGHT<br>(METER) | LIFTING<br>SPEED<br>(M/MIN) | HOISTING<br>MOTOR<br>(KW) | LOAD<br>CHAIN<br>(ØMM) | CHAIN<br>FALL | DUTY<br>RATING<br>(%) |
| CH005LD                             | 0.5               |                              | 4.7 / 1.6                   | 1.5 / 0.5                 | 7.1                    | 1             |                       |
| CH005HD                             | 0.5               |                              | 7.0 / 2.3                   | 1.5 / 0.5                 | 7.1                    | 1             |                       |
| CH005XD                             | 0.5               |                              | 11.5 / 3.8                  | 1.5 / 0.5                 | 7.1                    | 1             |                       |
| CH010LD                             | 1                 |                              | 4.7 / 1.6                   | 1.5 / 0.5                 | 7.1                    | 1             |                       |
| CH010HD                             | 1                 |                              | 7.0 / 2.3                   | 1.5 / 0.5                 | 7.1                    | 1             |                       |
| CH020LD                             | 2                 |                              | 2.3 / 0.8                   | 1.5 / 0.5                 | 7.1                    | 2             |                       |
| CH020HD                             | 2                 |                              | 3.5 / 1.2                   | 1.5 / 0.5                 | 7.1                    | 2             |                       |
| CH020SD                             | 2                 |                              | 9 / 3                       | 3.7 / 1.25                | 11.2                   | 1             |                       |
| CH030LD                             | 3                 | 5                            | 1.5 / 0.5                   | 1.5 / 0.5                 | 7.1                    | 3             | 45                    |
| CH030HD                             | 3                 |                              | 2.3 / 0.75                  | 1.5 / 0.5                 | 7.1                    | 3             |                       |
| CH030SD                             | 3                 |                              | 5.3 / 1.8                   | 3.7 / 1.25                | 11.2                   | 1             |                       |
| CH050SD                             | 5                 |                              | 2.6 / 0.9                   | 3.7 / 1.25                | 11.2                   | 2             |                       |
| CH075SD                             | 7.5               |                              | 1.8 / 0.6                   | 3.7 / 1.25                | 11.2                   | 3             |                       |
| CH100SD                             | 10                |                              | 2.6 / 0.9                   | 3.7 / 1.25 x 2            | 11.2                   | 4             |                       |
| CH150SD                             | 15                |                              | 1.8 / 0.6                   | 3.7 / 1.25 x 2            | 11.2                   | 6             |                       |
| CH200SD                             | 20                |                              | 1.4 / 0.5                   | 4.1 / 1.3 x 2             | 11.2                   | 8             |                       |
| CH250SD                             | 25                |                              | 1.1 / 0.4                   | 4.1 / 1.3 x 2             | 11.2                   | 10            |                       |

\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\*

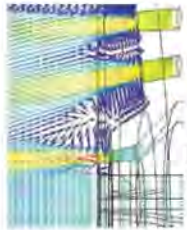


# MEIJI HAND SPRAY GUNS

## State of the art Hand Spray gun based on customer satisfaction



New atomizing system  
Improving the spray finishing by optimum air flow



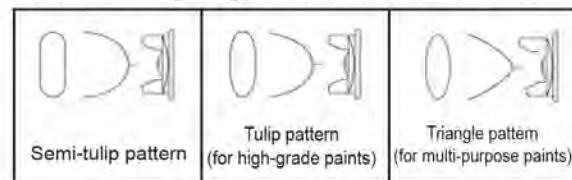
High transfer efficiency  
Heavy duty  
Excellent handling

Special air cap designed specifically for touch-up work (F110-S13ST, F110-S15ST, F110-G13ST, F110-G15ST)  
Designed specifically for touch-up work to provide the ideal spray for painting small to medium-sized areas.

Special air cap 10PMS is ideal for spraying pressure at 0.4MPa in the line painting.

Stainless steel passage for waterborne compatibility. (F110-P08 10PMAS, F110-G13ST-P10PMAS)

Designed specifically for line painting work to provide beautiful finishing in higher atomization and wider width.



- Realizing high quality paint film by optimum spraying paint volume.
- Stable flow vastly realizes the prevention of air pressure lost.
- Reduction of paint consumption, and small air consumption in saving energy.
- Optimum air flow brings the reduction of paint adhesion to air cap set.
- Easy handling with optimum weight balance and light weight.
- Reduction of trigger load, and improvement of usability with lower resistance packing.
- Waterborne compatibility.
- Improvement of parts durability.
- Addition of Semi-tulip pattern.
- Each nozzle bore size has its own air cap set.
- Air cap sets for suction, gravity, and pressure type are interchangeable in the same fluid nozzle bore size.



F110-G  
with 4GD Paint Cup



F110-s  
with 7SB Paint Cup



## F110 Series

| Model No. | Paint feed system | Nozzle Bore mm | Standard air cap | Spraying pressure MPa | Spraying pressure mm | Air consumption L/min | Paint spraying volume mL/min | Maximum effective pattern width mm | Pattern shape | Required compressor output kw | Weight g | Standard paint cup                               |
|-----------|-------------------|----------------|------------------|-----------------------|----------------------|-----------------------|------------------------------|------------------------------------|---------------|-------------------------------|----------|--------------------------------------------------|
| F110-S15  | Suction           | 1.5            | 15               | 0.25                  | 200                  | 160                   | 160                          | 170                                | Triangle      | 0.75 or more                  | 293      | 7SB<br>10SB-2<br>7SLB<br>10SLB-2                 |
| F110-S15T | Suction           | 1.5            | 15T              | 0.2                   | 200                  | 215*                  | 150*                         | 185*                               | Tulip         | 1.5 or more                   | 293      | 7SB<br>10SB-2<br>7SLB<br>10SLB-2                 |
| F110-G15  | Gravity           | 1.5            | 15T              | 0.2                   | 200                  | 160                   | 180                          | 180                                | Triangle      | 1.5 or more                   | 293      | 2GD, 4GD<br>4GF-U,<br>4GB-U,<br>4GPA-U,<br>4G-TA |

• Paint viscosity should be 20 seconds for lacquer enamel using a Meiji model V-1 viscosity cup. Feed pressure should be 0.08MPa for p types.

• The values marked with \* should be obtained using automotive refinishing paint with a paint viscosity of 12 seconds and a Meiji model V-1 viscosity cup.

• Air and paint inlet : G1/4

## Air cap selection guide for F110 series

| Air Cap        | 10   | 13 | 15 | 20 | 13ST | 15ST | 10T | 13T | 15T | 20T | 08P | 10P | 13P | 15P | 08R | 25R |
|----------------|------|----|----|----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Nozzle bore mm | 0.8  | O  | O  | O  | O    | O    | O   | O   | O   | O   | --  | O   | O   | O   | --  | O   |
|                | 1.0  | -- | O  | O  | O    | O    | --  | O   | O   | O   | O   | --  | O   | O   | O   | O   |
|                | 1.3  | X  | -- | O  | O    | --   | O   | X   | --  | O   | X   | X   | --  | O   | X   | O   |
|                | 1.5  | X  | O  | -- | O    | O    | --  | X   | O   | --  | X   | X   | O   | --  | X   | O   |
|                | 2.0  | X  | O  | O  | --   | O    | O   | X   | O   | O   | --  | X   | X   | O   | O   | O   |
|                | 2.54 | X  | X  | X  | X    | X    | X   | X   | X   | X   | X   | X   | X   | X   | X   | --  |

• Suction and gravity type are interchangeable for pressure type and vice versa.

• Spraying paint volume and air consumption are adjusted by changing air cap set and fluid nozzle.

• Mark O stands for interchangeable.

## Air Compressors



SVP-202



SWP-310



DR-115-22L

Brand: SWAN

| Model              |                                        | SVP-202   | SVP-203   | SVP-205   | SWP-310<br>SWU-310 | SWP-415<br>SWU-415 | DR-115-22L |
|--------------------|----------------------------------------|-----------|-----------|-----------|--------------------|--------------------|------------|
| Motor              | kw                                     | 1.5       | 2.2       | 3.7       | 7.5                | 11                 | -          |
|                    | hp                                     | 2         | 3         | 5         | 10                 | 15                 | 1.5        |
| Working Pressure   | kg/cm <sup>2</sup> /lb/in <sup>2</sup> | 8 / 115   | 8 / 115   | 8 / 115   | 8 / 115            | 8 / 115            | 7          |
| Compressor Speed   | rpm                                    | 880       | 650       | 620       | 850                | 850                | -          |
| F.A.D              | l/min                                  | 225       | 355       | 545       | 1151               | 1480               | -          |
| Tank Capacity      | liter                                  | 85        | 106       | 155       | 300                | 300                | 22         |
| Compressor Block   | LxWxH cm                               | 41x29x35  | 54x40x45  | 56x40x45  | 70x46x56           | 70x52x55           | -          |
| Physical Dimension | kg                                     | 25        | 51        | 70        | 95                 | 118                | -          |
| Compressor Unit    | LxWxH cm                               | 100x44x78 | 135x45x84 | 140x52x98 | 183.5x65x120       | 183.5x65x120       | 66x56x84   |
| Physical Dimension | kg                                     | 62        | 110       | 168       | 250                | 275                | 27         |
| Displacement       | l/min                                  | 298       | 480       | 879       | 1536               | 2048               | 122        |
| List Price (RM)    |                                        | 2,300.00  | 5,000.00  | 5,600.00  | 11,000.00          | 15,000.00          | 2,250.00   |



PK50160



XN2040

Brand: PUMA

| Model            |                         | PK2090IS2  | PK30120    | PK50160    | PK75250     | PK100300    | PK150300    | XN2040                |
|------------------|-------------------------|------------|------------|------------|-------------|-------------|-------------|-----------------------|
| Motor            | kw                      | 1.5        | 2.2        | 3.75       | 5.6         | 7.5         | 11.2        | -                     |
|                  | hp                      | 2          | 3          | 5          | 7.5         | 10          | 15          | 2hp                   |
| Displacement     | l/min/cfm               | 300 / 10.6 | 465 / 16.4 | 751 / 26.5 | 1118 / 39.5 | 1538 / 54.3 | 2198 / 77.6 | 200 ltr/min           |
| R.P.M.           |                         | 983        | 771        | 830        | 890         | 816         | 648         | 2850                  |
| No. of CYL       |                         | 2          | 2          | 3          | 2           | 3           | 3           | -                     |
| Max Pressure     | kg/cm <sup>2</sup> /psi | 10 / 142   | 10 / 142   | 10 / 142   | 10 / 142    | 10 / 142    | 10 / 142    | 10 kg/cm <sup>2</sup> |
| Working Pressure | kg/cm <sup>2</sup> /psi | 8 / 115    | 8 / 115    | 8 / 115    | 8 / 115     | 8 / 115     | 8 / 115     | 8 kg/cm <sup>2</sup>  |
| Tank Capacity    |                         | 88 / 23    | 120 / 32   | 160 / 42   | 250 / 66    | 300 / 79    | 300 / 79    | 40 ltr                |
| N.W              | kg/lbs.                 | 97 / 213   | 144 / 316  | 199 / 437  | 301 / 662   | 362 / 796   | 534 / 1174  | 28 kg                 |
| Dimension        | cm                      | 117x49x85  | 132x53x96  | 155x58x106 | 161x70x115  | 191x76x121  | 191x76x142  | 60x26x59              |
| List Price (RM)  |                         | 2,250.00   | 4,300.00   | 5,800.00   | 9,300.00    | 10,900.00   | 14,700.00   | 800.00                |

\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\*

## **HITACHI PISTON AIR COMPRESSOR**



OIL FREE BEBICON  
GREEN - SERIES



BEBICON  
NEW V - SERIES



VERTICAL

### **Oil Flooded Air Compressor**

| Model         | HP  | Voltage  | Lit / min | Pressure<br>kg/cm2(psig) | List Price<br>RM |
|---------------|-----|----------|-----------|--------------------------|------------------|
| 0.75P-9.5VS5A | 1   | 230V/1ph | 80        | 935(135)                 | 3,190.00         |
| 1.5P-9.5V5A   | 2   | 415V/3ph | 165       | 935(135)                 | 4,400.00         |
| 1.5P-9.5VS5A  | 2   | 230V/1ph | 165       | 935(135)                 | 4,400.00         |
| 2.2P-9.5V5A   | 3   | 415V/3ph | 265       | 935(135)                 | 5,060.00         |
| 3.7P/U-9.5V5A | 5   | 415V/3ph | 440       | 935(135)                 | 7,920.00         |
| 5.5P/U-9.5V5A | 7.5 | 415V/3ph | 630       | 935(135)                 | 11,770.00        |
| 7.5P/U-9.5V5A | 10  | 415V/3ph | 840       | 935(135)                 | 15,070.00        |
| 11U-9.5V5A    | 15  | 415V/3ph | 1200      | 935(135)                 | 22,990.00        |
| 15U-9.5V5A    | 20  | 415V/3ph | 1650      | 935(135)                 | 39,160.00        |

### **Vertical Compressor**

| Model        | HP  | Voltage  | Lit / min | Pressure<br>kg/cm2(psig) | List Price<br>RM |
|--------------|-----|----------|-----------|--------------------------|------------------|
| 3.7P-12.5V5A | 5   | 415V/3ph | 400       | 12.5(180)                | 11,700.00        |
| 5.5P-12.5V5A | 7.5 | 415V/3ph | 550       | 12.5(180)                | 14,400.00        |
| 7.5P-12.5V5A | 10  | 415V/3ph | 750       | 12.5(180)                | 19,800.00        |

### **Oil Free Air Compressor**

| Model        | HP  | Voltage  | Lit / min | Pressure<br>kg/cm2(psig) | List Price<br>RM |
|--------------|-----|----------|-----------|--------------------------|------------------|
| 0.4LE-85S5A  | 0.5 | 230V/1ph | 45        | 7(100)                   | 3,190.00         |
| 0.75OP-9.5GS | 1   | 230V/3ph | 75        | 9.5(135)                 | 4,400.00         |
| 1.5OP-9.5GS  | 2   | 230V/1ph | 165       | 9.5(135)                 | 4,400.00         |
| 1.5OP-9.5GS  | 2   | 415V/3ph | 165       | 9.5(135)                 | 5,060.00         |
| 2.2OP-9.5GS  | 3   | 415V/3ph | 240       | 9.5(135)                 | 7,920.00         |
| 3.7OP-9.5GS  | 5   | 415V/3ph | 405       | 9.5(135)                 | 11,770.00        |
| 5.5OP-9.5GS  | 7.5 | 415V/3ph | 605       | 9.5(135)                 | 15,070.00        |
| 7.5OP-9.5GS  | 10  | 415V/3ph | 830       | 8.5(120)                 | 22,990.00        |
| 11OP-9.5GS   | 15  | 415V/3ph | 1225      | 8.5(120)                 | 39,160.00        |

## FOGGING MACHINES

| MODEL                           | IL SHIN JET FOGGING MACHINE<br>IZ-150 (KOREA) |
|---------------------------------|-----------------------------------------------|
| POWER                           | 18.9kW                                        |
| FUEL TANK CAPACITY              | 1.5L                                          |
| FUEL CONSUMPTION                | 1.8L / HR                                     |
| DIMENSION                       | 1200 x 325 x 365mm                            |
| WEIGHT                          | 8.5KG                                         |
| <b>LIST PRICE : RM 4,000.00</b> |                                               |



IZ-150  
Fogging Machine

|                                                          |
|----------------------------------------------------------|
| <b>CHEMICAL FOR FOGGING MACHINE RESIGEN EC x 1 LITRE</b> |
| <b>LIST PRICE : RM 400.00</b>                            |

## CUT-OFF MACHINES

| MODEL                           | CHINA 16" CUT-OFF MACHINE |
|---------------------------------|---------------------------|
| PHASE                           | THREE PHASE               |
| HP                              | 3                         |
| RPM                             | 2280                      |
| SIZE                            | 650 x 340MM               |
| WEIGHT                          | 100KG                     |
| <b>LIST PRICE : RM 1,050.00</b> |                           |



16"  
Cut - off Machine

| MODEL                    |                  | HITACHI 400MM CUT-OFF MACHINE(CC16 SB)          |
|--------------------------|------------------|-------------------------------------------------|
| CAPACITY                 | BAR DIA.         | 75MM (3")                                       |
|                          | PIPE DIA.        | 130MM (5-1/8")                                  |
|                          | SHAPED STEEL     | 110 x 110mm (4-3/8 x 4-3/8")                    |
| POWER OUTPUT             |                  | 2,200W                                          |
| NO LOAD SPEED            | AT 2,200W : 50HZ | 2,290/MIN                                       |
|                          | AT 2,200W : 60HZ | 2,730/MIN                                       |
| DIMENSIONS (W x L x H)   |                  | 424 x 894 x 965mm<br>(16-11/16 x 35-3/16 x 38") |
| WEIGHT                   |                  | 86.0KG (189.0 IBS.) FOR 2,200W SPEC             |
| STANDARD ACCESSORIES     |                  | CUT-OFF WHEEL, WRENCHES                         |
| LIST PRICE : RM 7,300.00 |                  |                                                 |



HITACHI CC16 SB  
Cut - off Machine

## VACUUM CLEANER



VINTAGE 1140



VINTAGE 1270



VINTAGE 1380

### **BRAND : BETAMAX OR JIAMEI**

| MODEL                  | VINTAGE 1140            | VINTAGE 1270            | VINTAGE 1380            |
|------------------------|-------------------------|-------------------------|-------------------------|
| MOTOR                  | 1 x 1000W/BY PASS       | 2 x 1000W/BY PASS       | 3 x 1000W/BY PASS       |
| DEPRESSION             | 2000MM H <sub>2</sub> O | 2000MM H <sub>2</sub> O | 2000MM H <sub>2</sub> O |
| TANK                   | 40 L                    | 70 L                    | 80 L                    |
| HEIGHT                 | 640 MM                  | 900 MM                  | 1000 MM                 |
| AIR FLOW               | 255                     | 340                     | 510                     |
| TANK DIMENSION         | 320 MM                  | 440 MM                  | 440 MM                  |
| <b>LIST PRICE (RM)</b> | 700.00                  | 1,250.00                | 2,000.00                |

## HIGH PRESSURE CLEANERS

### **BRAND : LAVOR IKON 160**

| MODEL                  | IKON160 |
|------------------------|---------|
| MAX PRESSURE           | 160 bar |
| DELIVERY RATE          | 450 L/H |
| ABSORBED POWER         | 2300 W  |
| WEIGHT                 | 15.5 KG |
| <b>LIST PRICE (RM)</b> | 620.00  |



IKON 160



TX 10-130



TX 12-100



TX 13-180



TX 15-150

### **BRAND : TURBO**

| MODEL     | FLOW RATE (l/MIN) | MAX. PRESSURE |        | MOTOR  |                  |              | LIST PRICE (RM) |
|-----------|-------------------|---------------|--------|--------|------------------|--------------|-----------------|
|           |                   | BAR           | P.S.I. | R.P.M. | INPUT POWER (kW) | PHASE        |                 |
| TX 10-130 | 9.5               | 130           | 1885   | 1400   | 3.2              | SINGLE PHASE | 4,300.00        |
| TX 12-100 | 12                | 100           | 1450   | 1400   | 3.2              | SINGLE PHASE | 4,300.00        |
| TX 13-180 | 13                | 180           | 2610   | 2800   | 5                | THREE PHASE  | 4,500.00        |
| TX 15-150 | 15                | 150           | 2175   | 2800   | 5                | THREE PHASE  | 4,500.00        |

## HORIZONTAL BAND SAW



| <b>UE-712A</b> |                       |
|----------------|-----------------------|
| CAPACITY       | 90° • 180mm           |
|                | ■ 180x280mm           |
|                | ■ 65x300mm            |
|                | 45° • 110mm           |
|                | ■ 180x100mm           |
| BLADE SIZE     | 19x0.9x2360mm         |
| BLADE SPEED    | 22/33/45/65mpm        |
| MOTOR          | 1hp 4p 50hz / 1430rpm |
| DIMENSION      | 1470x430x990mm        |
| WEIGHT         | 130kg                 |



| <b>UE-916A</b> |                         |
|----------------|-------------------------|
| CAPACITY       | 90° • 225mm             |
|                | ■ 225x345mm             |
|                | ■ 35x400mm              |
|                | 45° • 165mm             |
|                | ■ 35x400mm              |
| BLADE SIZE     | 27x0.9x3035mm           |
| BLADE SPEED    | 24/40/51/71mpm          |
| MOTOR          | 1.5hp 4p 50hz / 1430rpm |
|                | 1.5hp 4p 60hz / 1720rpm |
| DIMENSION      | 1625x760mm              |
| WEIGHT         | 285kg                   |

## STRAPPING MACHINE (SEMI AUTOMATIC)

Semi-automatic strapping machine adopts PP strapping as packing material. It is widely used in house-hold appliance, food, general merchandise, medicine, chemical industry, printing, post office and textile industry. It can work with production line and automatically finish tensing, cutting and welding.

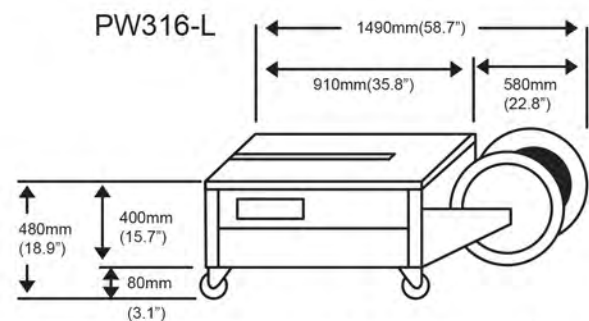
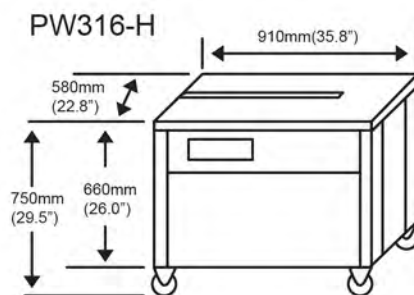
| MODEL        | KZB-I            | KZB-II         |
|--------------|------------------|----------------|
| Power        | 250W / 1PH       |                |
| Voltage      | 220V / 50Hz      |                |
| Strap Speed  | 2.0s / each time |                |
| Strap Band   | 8-15mm           |                |
| Dimension    | 885x580x730mm    | 1740x580x505mm |
| Gross Weight | 120kg            | 100kg          |



KZB-I (High)



KZB-II (Low)



| MODEL             | PW-316H                           | PW-316L                           |
|-------------------|-----------------------------------|-----------------------------------|
| Power Supply      | 1Ø, AC110V, 220V (50,60Hz), 1.4HP | 1Ø, AC110V, 220V (50,60Hz), 1/4HP |
| Strap Width       | 6, 9, 12, 15.5mm (Adjustable)     | 6, 9, 12, 15.5mm (Adjustable)     |
| Tension Strength  | 15~50kg                           | 15~50kg                           |
| Strapping Speed   | 2.0 sec/strap                     | 2.0 sec/strap                     |
| Dimension (LxWxH) | 910x580x750mm                     | 1480x580x480mm                    |
| Weight            | 100kg                             | 90kg                              |

## **CONSTRUCTION MACHINERIES**

### **7T MANUAL CONCRETE MIXER**

| SPECIFICATION                   |                                          |
|---------------------------------|------------------------------------------|
| MIXING DRUM                     | CAST IRON WITH MILD STEEL POT AND BLADES |
| CAPACITY UNMIXED                | 10 cu.ft. or 300 litres                  |
| MAX. MIXED                      | 7 cu.ft. or 210 litres                   |
| LOADING HEIGHT                  | 37 inch or 940 mm                        |
| DRUM OPENING                    | 21 inch or 533 mm                        |
| WEIGHT (KG)                     | 790                                      |
| <b>LIST PRICE : RM 8,000.00</b> |                                          |



### **MINI CONCRETE MIXER**

| SPECIFICATION                   |                                           |
|---------------------------------|-------------------------------------------|
| CAPACITY UNMIXED                | 105 litres (3.5 cu.ft.)                   |
| CAPACITY MIXED                  | 75 litres (2.5 cu.ft.)                    |
| ENGINE                          | ROBIN EY-20D or HONDA G200 or HONDA GX160 |
| ENGINE TYPE                     | AIR-COOLED GASOLINE                       |
| MAX. OUTPUT (HP/RPM)            | 5/4000                                    |
| STARTING SYSTEM                 | RECOIL                                    |
| <b>LIST PRICE : RM 2,300.00</b> |                                           |

### **PORTABLE LIFTING HOIST MODEL : YPH300**

| SPECIFICATION                   |                              |
|---------------------------------|------------------------------|
| CAPACITY (lbs)                  | 300                          |
| WIRE ROPE (mm x m)              | 6 x 20                       |
| ENGINE                          | ROBIN EY-20D or HONDA GX 160 |
| ENGINE TYPE                     | AIR-COOLED GASOLINE          |
| MAX. OUTPUT (hp/rpm)            | 5/4000                       |
| STARTING SYSTEM                 | RECOIL                       |
| <b>LIST PRICE : RM 2,750.00</b> |                              |



## CONSTRUCTION MACHINERIES

### PLATE COMPACTOR MODEL : YP80Z

| SPECIFICATION                   |           |
|---------------------------------|-----------|
| PLATE SIZE (MM)                 | 521 x 432 |
| VIBRATING FREQUENCY             | 6100      |
| CENTRIFUGAL FORCE (KGF)         | 1550      |
| POWER (HP)                      | 5         |
| Weight (KG)                     | 86        |
| <b>LIST PRICE : RM 2,000.00</b> |           |



### CONCRETE CUTTER MODEL : YRC16

| SPECIFICATION                   |                               |
|---------------------------------|-------------------------------|
| MAX. CAPACITY DEPTH. (MM)       | 145                           |
| BLADE SIZE (MM)                 | 305-406 (14"-16")             |
| ARBOR SIZE (MM)                 | 27                            |
| BLADE ROTATION (RPM)            | 2500-3600                     |
| POWER (HP)                      | 8-13 GASOLINE / DIESEL ENGINE |
| WEIGHT (KG)                     | 125                           |
| <b>LIST PRICE : RM 4,600.00</b> |                               |



### ENGINE

| DESCRIPTIONS                          |
|---------------------------------------|
| ROBIN ENGINE WITH FRAME MODEL : EY-20 |
| <b>LIST PRICE : RM 1,000.00</b>       |



### POWER TROWEL MODEL : YPT910

| SPECIFICATION                   |                          |
|---------------------------------|--------------------------|
| DIMENSION (MM)                  | HEIGHT 810 WIDTH 1010    |
| TROWEL DIA. (MM)                | 910                      |
| BLADE SIZE (MM)                 | (W) 205 (L) 343 4-BLADES |
| TROWEL SPEED (RPM)              | 50-100                   |
| ENGINE                          | GASOLINE 5HP / 3600RPM   |
| WEIGHT (KG)                     | 78                       |
| <b>LIST PRICE : RM 4,000.00</b> |                          |



## CONSTRUCTION MACHINERIES



### 3" SUBMERSIBLE PUMP

| SPECIFICATION                         |            |
|---------------------------------------|------------|
| DIAMETER (MM)                         | 76         |
| MAX. CAPACITY                         | 1100 / MIN |
| MAX. HEAD                             | 17         |
| STANDARD LENGTH (METER)               | 5 & 8      |
| REVOLUTION (R.P.M)                    | 3000       |
| <b>LIST PRICE / LENGTH: RM 430.00</b> |            |



### FLEXIBLE CONCRETE VIBRATOR POKER

| MODEL                           | JHI38          | JHI45  | JHI50  |
|---------------------------------|----------------|--------|--------|
| DIAMETER (MM)                   | 38             | 45     | 50     |
| FLEXIBLE SHAFT DIAMETER (MM)    | 12             | 12     | 12     |
| FLEXIBLE HOSE DIAMETER (MM)     | 32             | 32     | 32     |
| V.P.M                           | 10000 TO 12000 |        |        |
| REVOLUTION (R.P.M)              | 3000           |        |        |
| STANDARD LENGTH (METER)         | 5 & 8          |        |        |
| <b>LIST PRICE / LENGTH (RM)</b> | 400.00         | 400.00 | 430.00 |



## PORTABLE VENTILATION FAN

| DESCRIPTION          | FAN Ø   | CASING DEPTH | MOTOR        | HP           | SPEED    | VOLUME   | LIST PRICE (RM) |
|----------------------|---------|--------------|--------------|--------------|----------|----------|-----------------|
| PORTABLE VENTILATION | 12 INCH | 12 1/2 INCHI | SINGLE PHASE | 12 1/2 INCHI | 2800 RPM | 2900 CFM | 420.00          |
| VENTILATION HOSE     | 12 INCH | 5 METER (L)  | -            | -            | -        | -        | 200.00          |



## INDUSTRIAL VENTILATION FAN

| BLADE DIAMETER (MM) | VOLTAGE (V) | SPEED (RPM) | AIR DELIVERY (M3/MIN) | POWER (WATT) | MOUNTING HOLE (ØMM) | MOUNTING HOLE DISTANCE (ØMM) | WEIGHT (KG) | LIST PRICE (RM) |
|---------------------|-------------|-------------|-----------------------|--------------|---------------------|------------------------------|-------------|-----------------|
| 300 (12")           | 220         | 1400        | 32                    | 100          | 9                   | 308 X 308                    | 12          | 320.00          |
| 400 (16")           | 220         | 1400        | 68                    | 220          | 9                   | 380 X 380                    | 14          | 420.00          |
| 450 (18")           | 220/420     | 1400        | 100                   | 380          | 11                  | 432 X 432                    | 19          | 500.00          |
| 600 (24")           | 220/420     | 900         | 115                   | 400          | 13                  | 570 X 570                    | 32          | 770.00          |



## INDUSTRIAL FAN

| DESCRIPTION   | LIST PRICE (RM) |
|---------------|-----------------|
| 26" STAND FAN | 340.00          |
| 26" WALL FAN  | 340.00          |

**\*\* PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*\***



## HAND PALLET TRUCK

| MODEL | CAPACITY (KG) | WIDTH (MM) | LENGTH (MM) | WEIGHT (KG) | LIST PRICE (RM) |
|-------|---------------|------------|-------------|-------------|-----------------|
| PT25S | 2500          | 680        | 1200        | 77          | 1,140.00        |



## HYDRAULIC LIFT TABLE

| MODEL   | LOAD CAPACITY (KG) | TABLE DIMENSION (MM) | TABLE HEIGHT MIN (MM) | TABLE HEIGHT MAX (MM) | NET WEIGHT (KG) | LIST PRICE (RM) |
|---------|--------------------|----------------------|-----------------------|-----------------------|-----------------|-----------------|
| HEX 350 | 350                | 815 X 500 X 50       | 415                   | 1400                  | 110             | 2150.00         |
| HEX 500 | 500                | 905 X 510 X 55       | 280                   | 900                   | 85              | 1500.00         |



## HAND STACKER

| MODEL  | CAPACITY (KG) | LIFTING HEIGHT MAX (MM) | LOWERED HEIGHT (MM) | FORK LENGTH (MM) | NET WEIGHT (KG) | LIST PRICE (RM) |
|--------|---------------|-------------------------|---------------------|------------------|-----------------|-----------------|
| TK1016 | 1000          | 1600                    | 85                  | 1150             | 223             | 3200.00         |

## TOKU DIGGER AND BREAKER



### TCA-7 - DEMOLITION TOOL

- .Light weight & high power
- .Automatic push throttle valve
- .Few parts for easy maintenance
- .Durable forged body
- .With chisel bush for long life

#### OPTIONAL ACCESSORIES FOR TCA-7

| MODEL | DESCRIPTION     | LENGTH | SHANK SIZE 26 X 80MM                                                                |
|-------|-----------------|--------|-------------------------------------------------------------------------------------|
| M7    | Moil Point      | 400mm  |  |
| M7N   | Moil Point      | 450mm  |                                                                                     |
| M7L   | Long Moil Point | 600mm  |                                                                                     |
| M7L   | Long Moil Point | 1200mm |                                                                                     |
| C7    | Chisel          | 400MM  |  |
| D7    | Digger 2½"      | 450MM  |  |

## TOKU CHIPPING HAMMER & SAND RAMMER AND TAMPER

AA-0B



AA-1.3B



AA-3B



### AA SERIES & THH SERIES

TOKU Chipping Hammers are proven reliable and durable, meeting all demand at any construction work sites.

- .Easy to handle - Good weight balance
- .Least vibration at handle to reduce fatigue
- .Precision spool valve design system to ensure maximum power against light body weight

## TOKU CONCRETE BREAKER AND EARTH AUGER



TPB-30



TPB-40



TPB-60

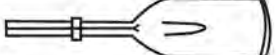
TPB-73

TPB-90

### TPB Series

- .Forged Steel Body - maximum durability
- .4-Bolt head design - rugged handling
- .Latch retainer - quick chisel changing

#### OPTIONAL ACCESSORIES FOR TCD-30, TPB-30 & TPB-40

| MODEL | DESCRIPTION     | OA LENGHT | SHANK SIZE 1" X 4¼"                                                                  |
|-------|-----------------|-----------|--------------------------------------------------------------------------------------|
| M4    | Moil Point      | 580mm     |  |
| M4L   | Long Moil Point | 1330mm    |                                                                                      |
| C4S   | Chisel          | 500mm     |  |
| C4    | Chisel          | 570mm     |                                                                                      |
| D4    | Digger 3"       | 500mm     |  |
| DW4   | Digger 5"       | 480mm     |  |
| A4    | Asphait Cutter  | 505mm     |  |



**MUFFLER**  
Optional for all breakers

# MASADA JACK

## STANDARD & LOW PROFILE BOTTLE JACK

Most widely used in various fields such as machine, construction, automotive industry, etc.  
A full range of capacity from 2 to 100 tan.



| SPEC          |          | CAPACITY | MIN. HEIGHT | LIFT | EXTENSION SCREW HEIGHT | MAX HEIGHT | WEIGHT |
|---------------|----------|----------|-------------|------|------------------------|------------|--------|
| MODEL         |          | (ton)    | (mm)        | (mm) | (mm)                   | (mm)       | (kg)   |
| STANDARD TYPE | MS-2S    | 2        | 150         | 85   | 50                     | 285        | 2.1    |
|               | MS-2     | 2        | 180         | 115  | 50                     | 345        | 2.3    |
|               | MS-3     | 3        | 190         | 115  | 60                     | 365        | 2.6    |
|               | MN-4     | 4        | 190         | 115  | 70                     | 375        | 4.0    |
|               | MS-5Y    | 5        | 200         | 120  | 70                     | 390        | 3.5    |
|               | MH-5     | 5        | 200         | 120  | 70                     | 390        | 4.5    |
|               | MH-7     | 7        | 200         | 150  | 70                     | 390        | 5.5    |
|               | MH-10    | 10       | 240         | 165  | 80                     | 470        | 8.0    |
|               | MH-15    | 15       | 265         | 165  | 80                     | 510        | 10.8   |
|               | MH-20    | 20       | 270         | 160  | -                      | 430        | 13.2   |
|               | MH-30Y ※ | 30       | 280         | 160  | -                      | 440        | 18.7   |
|               | MH-30V ※ | 30       | 280         | 160  | -                      | 440        | 18.9   |
| LOW TYPE      | MH-50Y ※ | 50       | 305         | 170  | -                      | 475        | 37.0   |
|               | MH-100Y  | 100      | 305         | 145  | -                      | 450        | 93.0   |
|               | MHB-10   | 10       | 170         | 95   | 75                     | 340        | 6.4    |
|               | MHB-15   | 15       | 170         | 90   | 70                     | 330        | 8.2    |
|               | MHB-20   | 20       | 180         | 85   | 40                     | 305        | 10.2   |
|               | MHB-30Y  | 30       | 180         | 80   | -                      | 260        | 13.5   |

※ marks means with pump safety valve

## TWO STAGE-TELESCOPIC JACK

with long travel from low position



| SPEC      |     | CAPACITY | MIN. HEIGHT | LIFT | EXTENSION SCREW HEIGHT | MAX. HEIGHT | WEIGHT |
|-----------|-----|----------|-------------|------|------------------------|-------------|--------|
| MODEL     |     | (ton)    | (mm)        | (mm) | (mm)                   | (mm)        | (kg)   |
| NPD-1.5-5 | 1.5 | 1.5      | 170         | 205  | -                      | 375         | 2.8    |
| HPD-41    | 4   | 4        | 150         | 160  | 30                     | 340         | 4.4    |
| HFD-10-2  | 10  | 10       | 170         | 180  | 70                     | 420         | 8.6    |
| HFD-15    | 15  | 15       | 170         | 180  | 70                     | 420         | 13     |

## MINI JACK

Super low profile small jack convenient for delicate work such as line adjusting or centering of heavy machinery



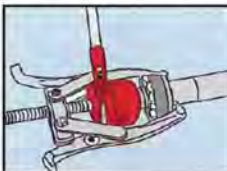
| SPEC     |    | CAPACITY | MIN. HEIGHT | LIFT | MAX. HEIGHT | WEIGHT |
|----------|----|----------|-------------|------|-------------|--------|
| MODEL    |    | (ton)    | (mm)        | (mm) | (mm)        | (kg)   |
| MMJ-5C-2 | 5  | 5        | 60          | 20   | 80          | 1.9    |
| MMJ-5T-2 | 5  | 5        | 85          | 40   | 125         | 2.4    |
| MMJ-10   | 10 | 10       | 120         | 30   | 150         | 5.5    |
| MMJ-20   | 20 | 20       | 130         | 30   | 160         | 8.0    |
| MMJ-507  | 50 | 50       | 140         | 30   | 170         | 19.0   |

All models work both in vertical and horizontal position

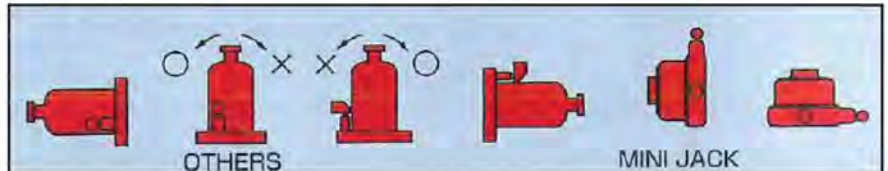
When used in horizontal position, pump must be in the position as illustrated here.

When you use horizontally, hydraulic stroke falls to about 50%

The gear desorption work



The spin finishing work



## MASADA JACK

### SERVICE JACK (MANUAL TYPE)

Used at automotive workshops and gas stations the world over.  
All models are equipped with safety valve.

SJ-20S-3  
2Ton



SJ-20LL-3  
2Ton

Service Jack(manual type)  
Easy operation by installing  
foot-pedal.



SJ-30-H  
3Ton



| SPEC<br>MODEL             | CAPACITY<br>(ton) | MIN.<br>HEIGHT<br>(mm) | LIFT.<br>(mm) | MAX.<br>HEIGHT<br>(mm) | HEIGHT<br>OF<br>FRAME<br>(mm) | WEIGHT<br>(kg) | REMARKS        |
|---------------------------|-------------------|------------------------|---------------|------------------------|-------------------------------|----------------|----------------|
| SJ-15H-3                  | 1.5               | 113                    | 360           | 473                    | 150                           | 33             |                |
| SJ-20S-3                  | 2                 | 113                    | 360           | 473                    | 150                           | 33             |                |
| SJ-20L-2                  | 2                 | 116                    | 360           | 476                    | 160                           | 45             |                |
| SJ-20LL-2<br>with a pedal | 2                 | 98                     | 410           | 508                    | 120                           | 57             | Low<br>Profile |
| SJ-30H<br>with a pedal    | 3                 | 126                    | 480           | 606                    | 190                           | 65             |                |
| SJ-30LL<br>with a pedal   | 3                 | 98                     | 515           | 613                    | 135                           | 80             | Low<br>Profile |
| SJ-50H<br>with a pedal    | 5                 | 150                    | 410           | 560                    | 200                           | 85             |                |
| SJ-100H<br>with a pedal   | 10                | 160                    | 400           | 560                    | 250                           | 135            |                |

### SERVICE JACK (AIR TYPE)

Equipped with an air pump that increases working efficiency.  
Easy operation by push button, especially for use in narrow place.

ASJ-20ML  
2Ton

Service Jack, low profile  
(available fo air and manual type)  
Possible for lift 2 ton load from min  
height.



ASJ-30ML  
3Ton

Service Jack, low profile  
(available fo air and manual type)  
Possible for lift 3 ton load from min  
height.



| SPEC<br>MODEL            | CAPACITY<br>(ton) | MIN.<br>HEIGHT<br>(mm) | LIFT.<br>(mm) | MAX.<br>HEIGHT<br>(mm) | HEIGHT<br>OF<br>FRAME<br>(mm) | WEIGHT<br>(kg) | REMARKS        |
|--------------------------|-------------------|------------------------|---------------|------------------------|-------------------------------|----------------|----------------|
| ASJ-18M-2S               | 1.8               | 104                    | 505           | 609                    | 120                           | 61             | Low<br>Profile |
| ASJ-20ML                 | 2                 | 98                     | 410           | 508                    | 120                           | 59             | Low<br>Profile |
| ASJ-30M<br>with a pedal  | 3                 | 126                    | 480           | 606                    | 190                           | 75             |                |
| ASJ-30ML<br>with a pedal | 3                 | 98                     | 515           | 613                    | 135                           | 90             | Low<br>Profile |
| ASJ-50M<br>with a pedal  | 5                 | 150                    | 410           | 560                    | 200                           | 93             |                |
| ASJ-50ML<br>with a pedal | 5                 | 115                    | 410           | 525                    | 150                           | 102            | Low<br>Profile |
| ASJ-80ML                 | 8                 | 115                    | 445           | 560                    | 180                           | 140            | Low<br>Profile |
| ASJ-100M<br>with a pedal | 10                | 160                    | 400           | 560                    | 250                           | 140            |                |
| ASJ-150-2 ※              | 15                | 175                    | 475           | 650                    | 230                           | 235            |                |

※ only for air operation

ASJ-18M-2S  
18Ton

Service Jack, low profile  
(available fo air and manual type)  
Height can be adjusted by installing  
adjustable screw which is the best to  
avoid damage of lower part of a car.



■Option (1.5ton~2ton)  
With Nylon wheels (Low-Noise)



■Option (3ton,2ton)  
Urethane wheels (Low-Noise)



### AIR HYDRAULIC TRUCK JACK

Compact but powerful • Ideal for heavy duty truck and bus.  
Rubber wheels for easy maneuverability.

ZATJ-22S-4  
20Ton



APJ-250  
25Ton

ATJ-350  
35Ton



ATJ-200DL-2  
20Ton

AIR HYDRAULIC  
TRUCK JACK  
Light weight and  
compact design for  
easy portability.

### HYDRAULIC PANTAGRAPH JACK

For tires replacement • for putting on and taking off a chain



MSJ-850  
850kg

| SPEC<br>MODEL | CAPACITY<br>(ton) | MIN.<br>HEIGHT<br>(mm) | LIFT.<br>(mm) | MAX.<br>HEIGHT<br>(mm) | WEIGHT<br>(kg) |
|---------------|-------------------|------------------------|---------------|------------------------|----------------|
| MSJ-850       | 850               | 121                    | 260           | 381                    | 5.9            |

| SPEC<br>MODEL | CAPACITY<br>(ton) | MIN.<br>HEIGHT<br>(mm) | LIFT.<br>(mm) | MAX.<br>HEIGHT<br>(mm) | EXTENSION<br>SCREW<br>HEIGHT<br>(mm) | WEIGHT<br>(kg) | REMARKS        |
|---------------|-------------------|------------------------|---------------|------------------------|--------------------------------------|----------------|----------------|
| ZATJ-22S-4※   | 20                | 198                    | 105           | 398                    | 95                                   | 33             |                |
| ATJ-200DL-2   | 20                | 143                    | 100           | 243                    | -                                    | 44             | Low<br>Profile |
| ATJ-200       | 20                | 210                    | 105           | 405                    | 90                                   | 40             |                |
| ATJ-250       | 25                | 210                    | 105           | 405                    | 90                                   | 43             |                |
| ATJ-350       | 35                | 210                    | 100           | 380                    | 70                                   | 45             |                |
| ATJ-350L      | 35                | 170                    | 80            | 300                    | 50                                   | 43             | Low<br>Profile |
| APJ-200-2 ※   | 20                | 210                    | 120           | 435                    | 105                                  | 14             |                |
| APJ-250 ※     | 25                | 230                    | 120           | 455                    | 105                                  | 18.5           |                |

※ The adapter of ZATJ-22s-4 and APJ-200,250 are option.  
The small and big adapter are standard equipment for other ※mark.

## **“KING” HEX SHANK HAMMER DRILL BIT FOR MAKITA, HITACHI & RYOBI**



### **LIST PRICE / (RM)**

#### **17 x 280**

|        |        |
|--------|--------|
| 10.0MM | 99.00  |
| 12.0MM | 99.00  |
| 12.7MM | 99.00  |
| 13.0MM | 101.80 |
| 14.0MM | 101.80 |
| 14.5MM | 103.10 |
| 15.0MM | 107.10 |
| 15.5MM | 109.10 |
| 16.0MM | 112.00 |
| 17.0MM | 120.10 |
| 18.0MM | 122.90 |
| 19.0MM | 122.90 |
| 20.0MM | 133.10 |
| 22.0MM | 145.60 |
| 25.0MM | 177.70 |
| 28.0MM | 214.20 |
| 30.0MM | 229.60 |
| 32.0MM | 245.20 |
| 35.0MM | 278.78 |
| 38.0MM | 320.90 |

#### **17 x 420**

|        |        |
|--------|--------|
| 10.0MM | 151.70 |
| 12.0MM | 151.70 |
| 12.7MM | 151.70 |
| 13.0MM | 151.70 |
| 14.0MM | 151.70 |
| 14.5MM | 160.60 |
| 15.0MM | 160.60 |
| 15.5MM | 160.60 |
| 16.0MM | 160.60 |
| 17.0MM | 172.80 |
| 18.0MM | 187.00 |
| 19.0MM | 187.00 |
| 20.0MM | 195.50 |
| 22.0MM | 195.50 |
| 25.0MM | 214.20 |
| 28.0MM | 258.40 |
| 30.0MM | 281.90 |
| 32.0MM | 297.30 |
| 35.0MM | 312.70 |
| 38.0MM | 385.40 |

#### **17 x 505**

|        |        |
|--------|--------|
| 12.0MM | 165.10 |
| 13.0MM | 165.10 |
| 14.0MM | 165.10 |
| 15.0MM | 165.10 |
| 16.0MM | 165.10 |
| 17.0MM | 172.80 |
| 18.0MM | 198.40 |
| 19.0MM | 198.40 |
| 20.0MM | 208.90 |
| 22.0MM | 223.10 |
| 25.0MM | 241.00 |
| 28.0MM | 289.60 |
| 30.0MM | 307.90 |
| 32.0MM | 330.00 |
| 35.0MM | 369.00 |
| 38.0MM | 385.00 |

# **BOSCH** POWER TOOLS

## **GSR 120-LI** **CORDLESS DRILL / DRIVER**

|                           |               |
|---------------------------|---------------|
| Capacity                  | 12 V / 1.5 Ah |
| Battery Voltage           | 0.8-1.0 mm    |
| Chuck Capacity            | 15 + 1        |
| Clutch Setting            | 0 - 430 rpm   |
| No-load Speed (1st gear)  | 0 - 1,600 rpm |
| (2nd gear)                | 28 / 11 Nm    |
| Max Torque (Hard / Soft)  | 7 mm          |
| Max Screw Dia.            | 19 / 6 mm     |
| Max Drilling Wood / Steel | 1.0 kg        |
| Weight                    |               |



## **GSB 16 RE** **IMPACT DRILL / DRIVER**

|                |                |
|----------------|----------------|
| Capacity       | 750 W          |
| Power Input    | 16 mm          |
| In Concrete    | 12 mm          |
| In Steel       | 25 mm          |
| In Wood (hard) | 0 - 3,250 rpm  |
| No load Speed  | 0 - 48,500 bpm |
| Impact Rate    | 230 / 240 V    |
| Voltage        | 50 / 60 Hz     |
| Frequency      | 1.8kg          |
| Weight         |                |



## **GSR 180-LI** **CORDLESS DRILL / DRIVER**

|                           |               |
|---------------------------|---------------|
| Capacity                  | 18 V / 1.5 Ah |
| Battery Voltage           | 13 mm         |
| Chuck Capacity            | 20 + 1        |
| Clutch Setting            | 0 - 450 rpm   |
| No-load Speed (1st gear)  | 0 - 1,700 rpm |
| (2nd gear)                | 20 + 1        |
| Torque Settings           | 10 mm         |
| Max Screw Dia.            | 35 / 10 mm    |
| Max Drilling Wood / Steel | 1.0 kg        |
| Weight                    |               |



## **GHO 10-82** **PLANER**

|               |             |
|---------------|-------------|
| Capacity      | 710 W       |
| Power Input   | 82 mm       |
| Planing Width | 0 - 3.0 mm  |
| Planing Depth | 16,500 rpm  |
| No-load Speed | 230 / 240 V |
| Voltage       | 50 / 60 Hz  |
| Frequency     | 2.5 kg      |
| Weight        |             |



## **GSH 27 VC** **DEMOLITION HAMMER**

|                            |                      |
|----------------------------|----------------------|
| Capacity                   | 2,000 W              |
| Power Input                | 1,000 bpm            |
| Impact Rate                | 69 J                 |
| Impact Force               | 8.5 m/s <sup>2</sup> |
| Vibration Values Chiseling | 230 / 240 V          |
| Voltage                    | 50 / 60 Hz           |
| Frequency                  | 29.5 kg              |
| Weight                     |                      |



## **GBH 2-26 DRE** **ROTARY HAMMER**

|               |               |
|---------------|---------------|
| Capacity      | 800 W         |
| Power Input   | 4 - 26 mm     |
| In Concrete   | 13 mm         |
| In Steel      | 30 mm         |
| In Wood       | 0 - 900 rpm   |
| No-load Speed | 0 - 4,000 bpm |
| Impact Rate   | 230 / 240 V   |
| Voltage       | 50 / 60 Hz    |
| Frequency     | 2.7 kg        |
| Weight        |               |



## **GWS 20-180** **ANGLE GRINDER**

|                              |             |
|------------------------------|-------------|
| Capacity                     | 2,000 W     |
| Power Input                  | 8,500 rpm   |
| No-load Speed                | 180 mm      |
| Grinding / Cutting Disc Dia. | 100 mm      |
| Wire Cup Brush Diameter      | 230 / 240 V |
| Voltage                      | 50 / 60 Hz  |
| Frequency                    | 4.2 kg      |
| Weight                       |             |



## **GWS 6-100** **ANGLE GRINDER**

|                              |             |
|------------------------------|-------------|
| Capacity                     | 670 W       |
| Power Input                  | 100mm       |
| Grinding / Cutting Disc Dia. | 70 mm       |
| Wire Cup Brush Diameter      | 11,000 rpm  |
| No-load Speed                | 230 / 240 V |
| Voltage                      | 50 / 60 Hz  |
| Frequency                    | 1.8 kg      |
| Weight                       |             |



## **GST 80 PBE** **JIGSAW**

|                     |                 |
|---------------------|-----------------|
| Capacity            | 580 W           |
| Power Input         | 85 mm           |
| In Wood             | 10 mm           |
| In Metal            | 500 - 3,100 spm |
| No-load Stroke Rate | 230 / 240 V     |
| Voltage             | 50 / 60 Hz      |
| Frequency           | 2.4 kg          |
| Weight              |                 |



## **GSA 1100E** **SABRE SAW**

|                       |                    |
|-----------------------|--------------------|
| Capacity              | 1,100 W            |
| Power Input           | 230 mm             |
| Cutting Dept: In Wood | 20 mm              |
| In Metal              | 2,700 stroke / min |
| No-load Stroke Rate   | 230 / 240 V        |
| Voltage               | 50 / 60 Hz         |
| Frequency             | 3.6 kg             |
| Weight                |                    |




**POWER TOOLS**
**GA4030 100mm (4")**  
**Angle Grinder**

**Specifications:**

|                         |                             |
|-------------------------|-----------------------------|
| Continuous rating input | 720W                        |
| Wheel diameter          | 100mm (4")                  |
| No-load Speed (RPM)     | 11,000                      |
| Dimensions              | 266 x 177 x 95mm            |
| (L x W x H)             | (10-1/2" x 4-5/8" x 3-3/4") |
| Net weight              | 1.7kg (3.7lbs)              |

**HR 2470 Rotary Hammer**

**Specifications:**

|                          |                              |
|--------------------------|------------------------------|
| Continuous rating input  | 780W                         |
| Capacity                 | Concrete: 24mm (15/16")      |
|                          | Steel: 13 mm (1/2")          |
|                          | Wood : 32 mm (1-1/4")        |
| Impacts per minute (IPM) | 0 - 4,500                    |
| No-load Speed (RPM)      | 0 - 1,100 rpm                |
| Dimensions               | 394 x 84 x 214 mm            |
| (L x W x H)              | (15-1/2" x 3-5/16" x 8-3/8") |
| Net weight               | 3.0 kg (6.7lbs)              |

**6906 19mm (3/4")**  
**Impact Wrench**

**Specifications:**

|                          |                                             |
|--------------------------|---------------------------------------------|
| Continuous rating input  | 850W                                        |
| Capacity                 | Standard bolt : M16 - M22 (5/8" x 7/8")     |
| No-load Speed (RPM)      | High tensile bolt : M16 - M20 (5/8" - 3/4") |
| Square drive             | 19 mm (3/4")                                |
| No-load Speed (RPM)      | 1,700                                       |
| Impacts per minute (IPM) | 1,600                                       |
| Max fastening torque     | 588 Nm (441 ft. lbs)                        |
| Net weight               | 5.6kg (12.3lbs)                             |

**LW 1401 355mm (14")**  
**Portable CUT-OFF**

**Specifications:**

|                         |                               |
|-------------------------|-------------------------------|
| Continuous rating input | 2,200W                        |
| Wheel diameter          | 355mm (14")                   |
| No-load Speed (RPM)     | 3,800                         |
| Dimensions              | 500 x 295 x 640mm             |
| (L x W x H)             | (19-3/4" x 11-5/8" x 25-1/4") |
| Net weight              | 18.3kg (40.3lbs)              |


  
**Angle Grinder**  
**W 72-100**

**Technical Data**

|                              |              |
|------------------------------|--------------|
| Grinding Wheel $\Phi$        | 100 mm       |
| Rated input power            | 720 W        |
| Output power                 | 450 W        |
| No-load speed                | 11,000 / min |
| Revolutions at rated load    | 6,800 / min  |
| Spindle thread               | M 10         |
| Weight (without power cabel) | 1.5 kg       |

**Rotary Hammer**  
**KHE 2442**

**Technical Data**

|                             |               |
|-----------------------------|---------------|
| Max impact rate             | 5,400 / min   |
| Rated input power           | 800 w         |
| Output Power                | 370 w         |
| Drill diameter in           |               |
| Concrete with hammer drills | 24 mm         |
| Masonry with core bits      | 68 mm         |
| Steel                       | 13 mm         |
| Soft Wood                   | 30 mm         |
| No-load speed               | 0-1,230 / min |
| Revolutions at rated load   | 880 / min     |
| Torque                      | 15 Nm         |
| Weight                      | 2.4 kg        |

**Metal Chop Saw**  
**CS 23-355**

**Technical Data**

|                                 |               |
|---------------------------------|---------------|
| Grinding Wheel ( $\Phi$ x bore) | 355 x 25.4 mm |
| Torgue                          | 18 Nm         |
| No-load Speed                   | 4,000 / min   |
| Rated input power               | 2,300 W       |
| Cutting capacity steel bars     | 65 mm         |
| Cutting capacity tubes          | 125 mm        |
| Cutting capacity steel sections | 115 x 130 mm  |
| Max opening of vice jaws        | 238 mm        |
| Dimension of the plate          | 468 x 282 mm  |
| Transport height                | 400 mm        |
| Weight                          | 16.9 kg       |

## **HIKOKI POWER TOOLS**

### **PU-PM3 DRILLS**

Easy-to-control,  
spade-shape handle



Specifications:

|                      |                         |
|----------------------|-------------------------|
| Chuck Capacity       | 3.2 – 16mm (1/8 – 5/8") |
| Capacity: Steel      | 16mm (5/8")             |
| Wood                 | 36mm (1-3/8")           |
| Power Input          | 670W                    |
| No Load Speed        | 750/min.                |
| Overall Length       | 396mm (15-5/8")         |
| Weight               | 4.4kg (9.7 lbs.)        |
| Standard Accessories | Chuck Wrench, Stopper   |

### **B 16RM BENCH DRILL PRESS**

LASER guide : X-Y axial projecting lines for pre-alignment of drilling location. Depth adjustment gauge for accurate drilling depth. Durable cast iron table: Surface tilts 45° right or left 12-stage speed: 210 – 2,580/min. Quick-belt tension release knob for fast speed setting. Built-in light



Specifications:

|                     |                                                           |
|---------------------|-----------------------------------------------------------|
| Chuck Capacity      | 16mm (5/8")                                               |
| Power Input         | 750W                                                      |
| LASER               | Class II, Maximum Output <1mW                             |
| No Load Speed: 50Hz | 250/340/510/600/650/990/1,550/1,620/1,630/2,620/3,100/min |
| Spindle Taper       | JT3                                                       |
| Swing               | 380mm (15")                                               |
| Spindle Travel      | 85mm (3-1/8")                                             |
| Table Size          | 336mm x 336mm (13-15/64 x 13-15/64")                      |
| Table Tilt          | 45° Right or Left                                         |
| Base                | 279mm x 518mm (11 x 63-1/4")                              |
| Overall Height      | 1,618mm (63-1/4")                                         |
| Weight              | 75kg (165 lbs.)                                           |

### **PH-65A DEMOLITION HAMMER**

For 30mm (1-3/16") hexagon bit shank.  
Heavy blow chipping mechanism.  
Durable tool retainer.  
Adjustable side handle.



Specifications:

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Power Input           | 1,240W                                                       |
| Full Load Impact Rate | 1,400/min                                                    |
| Bit Shank             | 30mm (1-3/16") Hexagon                                       |
| Overall Length        | 642mm (25")                                                  |
| Weight                | 15.0kg (33.0 lbs.)                                           |
| Standard Accessories  | Bull Point, Side Handle, Wrenches, oil Feeder, Carrying Case |

### **PDA-100M DISC GRINDERS SNAP SWITCH**

Wheel dia 100mm(4").  
Max power output 870W.



Specifications:

|                      |                                              |
|----------------------|----------------------------------------------|
| Capacity: Wheel Dia  | 100mm (4")                                   |
| Hole Dia             | 16mm (5/8")                                  |
| Spindle Thread       | M10 x 1.5                                    |
| Power Input          | 715W                                         |
| No Load Speed        | 12,000/min.                                  |
| Overall Length       | 260mm                                        |
| Weight               | 1.5kg (3.3 lbs.)                             |
| Standard Accessories | Depressed Center Wheel, Wrench / Side Handle |

### **GP 2S2 STRAIGHT GRINDERS**

All ball bearing construction.  
Easy-to-grip housing.  
Internal carbon brush.



Specifications:

|                         |                       |
|-------------------------|-----------------------|
| Capacity: Collect Chuck | 6mm (or 1/4")         |
| Max. Wheel Dia          | 25mm (1")             |
| Power Input             | 520W                  |
| No Load Speed           | 29,000/min.           |
| Overall Length          | 359.4mm (14-5/32")    |
| Weight                  | 1.7kg (4.0 lbs.)      |
| Standard Accessories    | Side Handle, Wrenches |

### **CC 14ST HIGH-SPEED CUT-OFF MACHINES**

Spark Diversion Guard.  
High Ventilation Housing for Heavy Duty Usage.



Specifications:

|                        |                                                   |
|------------------------|---------------------------------------------------|
| Capacity: Bar Dia      | 65mm (2-9/16")                                    |
| Pipe Dia               | 130mm (5-1/8")                                    |
| Angle Iron             | 137mm (5-7/16")                                   |
| Power Input            | 2,200W                                            |
| No Load Speed          | 3,800/min.                                        |
| Dimensions (L x W x H) | 590 x 300 x 640mm (23-7/32 x 11-13/16 x 25-3/16") |
| Weight                 | 17.0kg (37.4 lbs.)                                |
| Standard Accessories   | Cut-off Wheel, Wrench                             |

## **TE 30-C-AVR ROTARY HAMMER**

### **Drilling and chiseling with top working comfort**

#### **Applications**

- Drilling anchor holes and through-holes in concrete and masonry, diameter range 4-28mm, recommended range 8-20mm.
- Light chiseling on brick and block, corrective chiseling and finishing on concrete.
- Drilling in wood and metal using the keyless chuck and drill bits with smooth shank up to 13 mm dia.
- Driving anchor screws and concrete screw anchors.

#### **Technical Data**

|                                                                  |                 |
|------------------------------------------------------------------|-----------------|
| Rated power (W):                                                 | 850             |
| Speed under no load (/min):                                      | 750             |
| Single impact energy (J):                                        | 3.3             |
| Triaxial vibration, drilling (m/s <sup>2</sup> ):                | 12              |
| Forward / reverse:                                               | Yes             |
| Electronic switch for smooth speed control:                      | Yes             |
| Hammering speed under load:                                      | 4080 blows/min. |
| A-weighted sound pressure emission level as per EN 60745 (dB A): | 90              |
| Chuck type:                                                      | TE-C (SDS plus) |
| Dimensions, L x W x H (mm):                                      | 379 x 93 x 213  |
| Weight of machine as per EPTA 01/2003 (kg):                      | 4.2 kg          |



#### **Advantages**

- Rotary hammer with chiseling function for a wide range of applications
- AVR Active Vibration Reduction makes the tool less tiring to use and increase daily productivity
- Most impressive power-to-weight ratio in the TE-C class (SDS plus)
- Superior working comfort: perfect balance, low weight, compact design
- Ruggedly built from high-grade materials and components for unbeaten, extra-long lifetime
- Choice of chucks available, can be changed quickly without need for tools

Ordering designation

Item No.

### **TE 30-C-AVR ROTARY HAMMER**

404265

Complete with TE-C (SDS plus) chuck, cleaning cloth, Hilti grease, operating instruction. Packed in an impact-resistant plastic Hilti toolbox.



## **TE 70 COMBIHAMMER**

### **THE MOST POWERFUL COMBIHAMMER IN ITS CLASS**

#### **Application**

- Hammer drilling, 22 to 150 mm dia.
- Drilling holes for heavy-duty anchors, 22 to 40 mm dia.
- Penetrations up to 80 mm dia.
- Socket cutting up to 150 mm dia.
- Breaching and demolition with pointed and flat chisels
- Working with wide-flat, hollow, mortar or channel chisels and bushing tools
- Drilling with high torque in wood and steel

#### **Technical Data**

|                                                |                                   |
|------------------------------------------------|-----------------------------------|
| Rated power (W):                               | 1600                              |
| Single impact energy at full power (J):        | 11                                |
| Speed under load (r.p.m.):                     | 360                               |
| Impact frequency at full power (strokes/min.): | 2760                              |
| Dimensions, L x W x H (mm):                    | 524 x 123 x 294 / 524 x 123 x 274 |
| Weight as per EPTA 01/2003 (kg):               | 8.9 / 7.7                         |

#### **Advantages**

- 360 r.p.m for extra drilling performance (std. in this class: approx. 280 r.p.m)
- Optimized mechanical clutch for maximum torque
- Less tiring to use as less contact pressure is required
- Center of gravity close to the grip for optimum balance
- Glass-fiber reinforced housing parts for ruggedness and long life

Ordering designation

Item No.

### **TE 70 COMBIHAMMER**

273620

Equipped with TE-Y (SDS-max) chuck, 4-meter supply cord, dust shield, cleaning cloth, safety instructions, operating instructions, packed in a durable impact-resistant plastic toolbox.



## TE 2 ROTARY HAMMER DRILL

### HIGH PERFORMANCE, RELIABLE HAMMER DRILL FOR HOLES IN CONCRETE AND MASONRY

#### Uses

- Drilling anchor holes in concrete and masonry, 5-20 mm dia. (optimal 5-12 mm)
- Drilling through-holes / penetrations in concrete and masonry, 5-20 mm dia. (optimal 5-12 mm)
- Drilling steel, wood and drywall
- Driving in and removing screws

#### The Standard Class

- Fixed TE-C chuck
- Function switch for rotary and rotary hammer
- Electronic switch
- Reverse switch (clockwise / anti-clockwise rotation)

#### Technical Data

|                                                                                   |                       |
|-----------------------------------------------------------------------------------|-----------------------|
| Power input:                                                                      | 650 W                 |
| Single impact energy:                                                             | 1.8 Nm                |
| Speed under load:                                                                 | 0-930 r.p.m.          |
| Hammering speed under load:                                                       | 0-4600 blows/min.     |
| Dimensions, L x W x H (mm):                                                       | 344 x 200 x 79        |
| Machine weight:                                                                   | 2.3 kg                |
| Drilling performance in medium-hard concrete with 8 mm dia. drill bit:            | 500 mm/min.           |
| Typical vibrational acceleration (weighted):                                      | ≤ 10 m/s <sup>2</sup> |
| Noise level pressure:                                                             | ≤ 89 dB (A)           |
| Tested as per CANELEC/HD 400 (EN 50 144), Protection class II (double insulated). |                       |
| Radio and TV interference suppression as per EN 55 014 (VED 0875)                 |                       |

Ordering designation

Item No.

### HILTI TE 2 COMPLETE (230V)

228091

Equipped with Te-C chuck, four-metre supply cord, side handle, depth gauge, dust shield, grease, operating instruction and a toolbox of fracture-resistant plastic

#### Features

- Function switch for rotary and rotary hammer
- Electronic switch for infinite speed regulation
- Reverse switch for screw driving work
- Padded side handle, slim pistol grip



## TE 7 ROTARY HAMMER

### THE LONG-LIFE ROTARY HAMMER WITH SUPERIOR HANDLING

#### Application

- Drilling anchor holes in the 4-24 mm dia. range (optimal 6-14 mm) in concrete and masonry
- Drilling through-holes in the 8-20 mm dia. range (optimal 8-12 mm) in concrete and masonry
- Cutting socket recesses in the 25-68 mm dia. range in masonry
- Drilling in the 5-20mm dia. range in wood / using 25-68 mm dia. hole saws
- Drilling in the 5-13 mm dia. range in solid metal / 4-20mm dia. in sheet metal
- Forwards / reverse switch

#### Technical Data

|                                                                      |                     |
|----------------------------------------------------------------------|---------------------|
| Rated input:                                                         | 710 W               |
| Single impact energy:                                                | 1.8 J               |
| Full hammering frequency:                                            | 83 impacts/minute   |
| Triaxial vibration value for hammer drilling into concrete (ah, HD): | 11 m/s <sup>2</sup> |
| A-weighted emission sound pressure level Acc. EN 60745:              | 89 dB (A)           |
| Dimensions, L x W x H (mm):                                          | 320 x 75 x 215      |
| Weight according EPTA-Procedure 01/2003:                             | 2.9 kg              |

#### Advantages

- Robustly built, superbly engineered tool for maximum reliability and long life
- Ergonomic and compact design for perfect handling characteristics
- Ideal performance / weight ratio for greatest efficiency in all working directions
- High drilling performance

Ordering designation

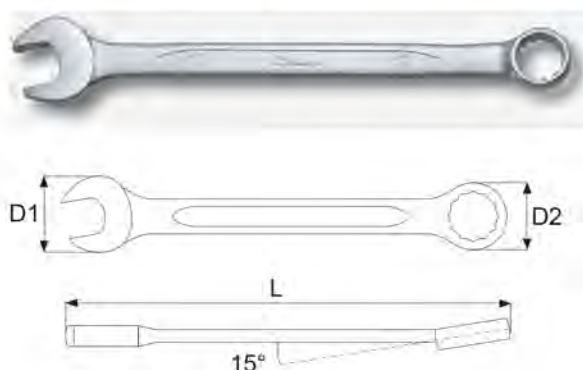
Item No.

### ROTARY HAMMER TE 7

428634



## WRENCHES SERIES



- ▶ Chrome vanadium steel
- ▶ Chrome plated, satin
- ▶ Proper heat treated
- ▶ Open end 15° angled
- ▶ Slim-line type

### COMBINATION WRENCH

| CODE     | S (MM) | D1 (MM) | D2 (MM) | L (MM) | PCS (BOX) |
|----------|--------|---------|---------|--------|-----------|
| 61-CW108 | 8      | 19      | 13      | 125    | 24        |
| 61-CW109 | 9      | 21      | 14.5    | 135    | 24        |
| 61-CW110 | 10     | 23      | 16      | 145    | 24        |
| 61-CW111 | 11     | 23      | 18      | 155    | 24        |
| 61-CW112 | 12     | 27      | 19      | 165    | 24        |
| 61-CW113 | 13     | 29      | 20      | 175    | 12        |
| 61-CW114 | 14     | 31      | 21      | 185    | 12        |
| 61-CW115 | 15     | 34      | 23      | 195    | 12        |
| 61-CW116 | 16     | 35      | 24.5    | 205    | 12        |
| 61-CW117 | 17     | 36.5    | 25.5    | 215    | 12        |
| 61-CW118 | 18     | 38.5    | 27      | 225    | 12        |
| 61-CW119 | 19     | 40      | 28.5    | 235    | 12        |
| 61-CW120 | 20     | 43      | 30      | 245    | 12        |
| 61-CW121 | 21     | 45      | 31.5    | 255    | 12        |
| 61-CW122 | 22     | 47      | 33      | 265    | 12        |
| 61-CW124 | 24     | 50      | 36      | 285    | 12        |
| 61-CW125 | 25     | 51      | 37      | 295    | 6         |
| 61-CW126 | 26     | 53      | 38      | 305    | 6         |
| 61-CW127 | 27     | 55      | 40      | 315    | 6         |
| 61-CW129 | 29     | 59      | 43      | 335    | 6         |
| 61-CW130 | 30     | 61      | 44.5    | 345    | 6         |
| 61-CW132 | 32     | 65      | 47      | 365    | 6         |

## AUTOMOTIVE REPAIR TOOLS ENGINE SERIES



### 2 JAW GEAR PULLER

| CODE     | SIZE (INCH) | CAPACITY (MM) | PCS (CTN) |
|----------|-------------|---------------|-----------|
| 74-GP203 | 3           | 15 – 80       | 20        |
| 74-GP204 | 4           | 20 – 110      | 20        |
| 74-GP206 | 6           | 25 – 160      | 16        |
| 74-GP208 | 8           | 30 – 210      | 6         |

- ▶ Jaws drop-forged, triangular thread
- ▶ Rolled threads for strenght and durability
- ▶ For automotive and industrial usage
- ▶ 8 position reversible, inside/outside and shallow/deep jaws
- ▶ Applies even pressure to remove gears, pulleys and flywheels from shaft without damage



### 3 JAW GEAR PULLER

| CODE     | SIZE (INCH) | CAPACITY (MM) | PCS (CTN) |
|----------|-------------|---------------|-----------|
| 74-GP303 | 3           | 15 – 80       | 20        |
| 74-GP304 | 4           | 20 – 110      | 20        |
| 74-GP306 | 6           | 25 – 160      | 16        |
| 74-GP308 | 8           | 30 – 210      | 6         |
| 74-GP310 | 10          | 40 – 265      | 4         |
| 74-GP312 | 12          | 50 – 317      | 2         |
| 74-GP314 | 14          | 80 – 370      | 2         |
| 74-GP316 | 16          | 80 – 420      | 1         |
| 74-GP320 | 20          | 80 – 520      | 1         |
| 74-GP328 | 28          | 100 – 720     | 1         |

- ▶ Jaws drop-forged, triangular thread
- ▶ Rolled threads for strenght and durability
- ▶ For automotive and industrial usage
- ▶ 8 position reversible, inside/outside and shallow/deep jaws
- ▶ Applies even pressure to remove gears, pulleys and flywheels from shaft without damage

## **PLIERS SERIES**



| <b>COMBINATION PLIER</b> |                |              |
|--------------------------|----------------|--------------|
| CODE                     | SIZE<br>(INCH) | PCS<br>(CTN) |
| 40-RP216                 | 6              | 60           |
| 40-RP217                 | 7              | 60           |
| 40-RP218                 | 8              | 60           |

- ▶ Forged and hardened chrome vanadium steel
- ▶ Sharp, high frequency treated wire cutter
- ▶ Polished head and joint
- ▶ Non slip handle



| <b>LOCKING PLIER</b> |                |              |
|----------------------|----------------|--------------|
| CODE                 | SIZE<br>(INCH) | PCS<br>(CTN) |
| 40-RP309             | 4              | 60           |
|                      | 5              | 60           |
|                      | 7              | 60           |
| 40-RP312             | 10             | 48           |

- ▶ Drop forged hardened steel jaws
- ▶ Durable chrome plated finish
- ▶ Heat-treated adjustable screw

## **PIPE WRENCH**



- ▶ Mobile jaw drop-forged with high quality carbon steel
- ▶ Hardened Heat treatment body
- ▶ Jaw teeth induction quenched
- ▶ Drop-forged handle for good grip and high intensity

| <b>STILLSON TYPE PIPE WRENCH</b> |                |                  |              |
|----------------------------------|----------------|------------------|--------------|
| CODE                             | SIZE<br>(INCH) | CAPACITY<br>(MM) | PCS<br>(CTN) |
| 40-PW508                         | 8              | 34               | 60           |
| 40-PW510                         | 10             | 45               | 40           |
| 40-PW512                         | 12             | 55               | 24           |
| 40-PW514                         | 14             | 65               | 20           |
| 40-PW518                         | 18             | 80               | 16           |
| 40-PW524                         | 24             | 95               | 10           |
| 40-PW536                         | 36             | 140              | 4            |
| 40-PW548                         | 48             | 190              | 2            |

## **LEVEL**



| <b>ALUMINIUM LEVEL</b> |                |              |
|------------------------|----------------|--------------|
| CODE                   | SIZE<br>(INCH) | PCS<br>(CTN) |
| 64-AL201               | 12             | 60           |
| 64-AL202               | 18             | 60           |
| 64-AL203               | 24             | 60           |
| 64-AL204               | 36             | 30           |
| 64-AL205               | 48             | 30           |

- ▶ Three factory set vials, one horizontal and two plumb
- ▶ Aluminum body with one milled working face
- ▶ Powder coat finish with plastic protective and caps and single hanging hole

## CLAMP & VISES



- ▶ Chrome plated steel screw with swivel pad
- ▶ Heat treated steel bar
- ▶ Hardwood screw handle

### F-SLIDING BAR CLAMP

| CODE      | SIZE<br>(INCH, MM)   | PCS<br>(CTN) |
|-----------|----------------------|--------------|
| 53-FC100  | 4, 50(W) x 100(L)    | 100          |
| 53-FC150  | 6, 80(W) x 150(L)    | 20           |
| 53-FC200  | 8, 100(W) x 200(L)   | 20           |
| 53-FC250  | 10, 100(W) x 250(L)  | 20           |
| 53-FC300  | 12, 100(W) x 300(L)  | 20           |
| 53-FC350  | 14, 100(W) x 350(L)  | 20           |
| 53-FC450  | 18, 100(W) x 450(L)  | 20           |
| 53-FC600  | 24, 120(W) x 600(L)  | 10           |
| 53-FC900  | 36, 120(W) x 900(L)  | 6            |
| 53-FC1200 | 48, 120(W) x 1200(L) | 6            |



- ▶ Heavy duty malleable steel frame
- ▶ Chrome plated steel screw with swivel pad
- ▶ Sliding T-bar Handle
- ▶ Durable baked enamel finish

### HEAVY DUTY G-CLAMP

| CODE     | SIZE<br>(INCH) | PCS<br>(CTN) |
|----------|----------------|--------------|
| 53-TC201 | 2              | 50           |
| 53-TC202 | 3              | 50           |
| 53-TC203 | 4              | 30           |
| 53-TC204 | 5              | 25           |
| 53-TC205 | 6              | 20           |
| 53-TC206 | 8              | 10           |
| 53-TC207 | 10             | 10           |
| 53-TC208 | 12             | 5            |



- ▶ Solid cast construction
- ▶ Dual lock down nuts
- ▶ Replaceable non-slip steel jaw pad
- ▶ Chrome plated sliding T-bar handle

### SUPER HEAVY DUTY BENCH VISE

| CODE     | SIZE<br>(INCH) | PCS<br>(CTN) |
|----------|----------------|--------------|
| 40-BV003 | 3              | 2            |
| 40-BV004 | 4              | 1            |
| 40-BV005 | 5              | 1            |
| 40-BV006 | 6              | 1            |
| 40-BV008 | 8              | 1            |
| 40-BV010 | 10             | 1            |



- ▶ Solid cast construction
- ▶ Replaceable non-slip serrated steel jaws
- ▶ 180° pivoting crank handle
- ▶ Two slot base for precise mounting position

### DRILL PRESS VISE

| CODE     | SIZE<br>(INCH) | PCS<br>(CTN) |
|----------|----------------|--------------|
| 40-BV030 | 4              | 8            |
| 40-BV032 | 5              | 8            |
| 40-BV034 | 6              | 6            |

## HAMMER SERIES



### BALL PEIN HAMMER WITH WOODEN HANDLE

| CODE     | SIZE (LBS) | D (MM) | H (MM) | PCS (CTN) |
|----------|------------|--------|--------|-----------|
| 66-BP210 | 1/2        | 25     | 83     | 72        |
| 66-BP215 | 3/4        | 29     | 92     | 48        |
| 66-BP220 | 1          | 30     | 104    | 36        |
| 66-BP225 | 1-1/2      | 34     | 118    | 24        |
| 66-BP230 | 2          | 38     | 125.5  | 24        |
| 66-BP235 | 2-1/2      | 40     | 135.5  | 24        |

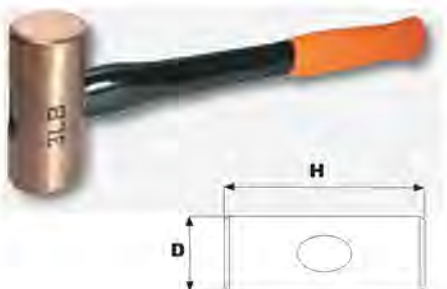
- Drop forged, heat treated steel head with polished
- Precision-machined face and pein
- Natural hardwood handle



### SLEDGE HAMMER WITH WOODEN HANDLE

| CODE     | SIZE (LBS) | D (MM) | H (MM) | PCS (CTN) |
|----------|------------|--------|--------|-----------|
| 66-SW402 | 2          | 33     | 100    | 24        |
| 66-SW403 | 3          | 37     | 115    | 18        |
| 66-SW404 | 4          | 45     | 128    | 12        |
| 66-SW406 | 6          | 55     | 140    | 6         |
| 66-SW408 | 8          | 55     | 150    | 6         |
| 66-SW410 | 10         | 63     | 170    | 4         |
| 66-SW412 | 12         | 65     | 190    | 4         |
| 66-SW414 | 14         | 64     | 196    | 4         |

- Drop forged, heat treated steel head with polished
- Precision-machined face
- Natural hardwood handle



### COPPER HAMMER WITH FIBERGLASS HANDLE

| CODE     | SIZE (LBS) | D (MM) | H (MM) | PCS (CTN) |
|----------|------------|--------|--------|-----------|
| 66-CP110 | 1          | 30     | 70     | 36        |
| 66-CP115 | 1-1/2      | 34.5   | 70     | 24        |
| 66-CP120 | 2          | 40     | 74     | 24        |
| 66-CP130 | 3          | 45     | 90.5   | 12        |
| 66-CP140 | 4          | 50     | 95     | 12        |
| 66-CP160 | 6          | 50     | 140    | 4         |
| 66-CP180 | 8          | 65     | 115    | 4         |
| 66-CP200 | 10         | 61     | 145    | 2         |
| 66-CP216 | 16         | 80     | 145    | 1         |
| 66-CP220 | 20         | 90     | 145    | 1         |

- Precision-machined solid brass head
- Mirror-Polished head
- Fiberglass handles for extra durability
- Non-slip comfort rubber handle design



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