



# PRODUCT CATALOGUE

LONGLIFE WELD SDN. BHD.



# TOTAL WELDING SOLUTIONS



## MMA WELDING



**EVO 170**  
 Input Voltage : 240V  
 Input Current : 23A  
 Welding Range : 20-160A  
 Duty Cycle : 60%  
 Weight : 8.8kg  
 Dimension : 155x375x240mm



**EVO195**  
 Input Voltage : 220V  
 Input Current : 35A  
 Welding Range : 10-180A  
 Duty Cycle : 60%  
 Weight : 5kg  
 Dimension : 290x120x198mm



**IG 200SP**  
 Input Voltage : 220/240V  
 Input Current : 32A  
 Welding Range : 40-200A  
 Duty Cycle : 60%  
 Weight : 8kg  
 Dimension : 165x405x335mm



**IG 301i**  
 Input Voltage : 220/240V  
 Input Current : 42A  
 Welding Range : 40-300A  
 Duty Cycle : 60%  
 Weight : 8kg  
 Dimension : 165x405x335mm



**IG 402**  
 Input Voltage : 380/415V  
 Input Current : 38A  
 Welding Range : 40-400A  
 Duty Cycle : 60%  
 Weight : 34kg  
 Dimension : 600x325x510mm



**IG 500**  
 Input Voltage : 380/415V  
 Input Current : 31A  
 Welding Range : 400-500A  
 Duty Cycle : 60%  
 Weight : 24.5kg  
 Dimension : 290x540x500mm



**AC 200A**  
 Input Voltage : 415V  
 Input Current : 30A  
 Welding Range : 55-200A  
 Duty Cycle : 40%  
 Weight : 73kg  
 Dimension : 490x300x600mm



**AC 300A**  
 Input Voltage : 415V  
 Input Current : 60A  
 Welding Range : 55-300A  
 Duty Cycle : 40%  
 Weight : 95kg  
 Dimension : 425x340x540mm



**AC 400A**  
 Input Voltage : 415V  
 Input Current : 76A  
 Welding Range : 80-400A  
 Duty Cycle : 40%  
 Weight : 140kg  
 Dimension : 430x700x580mm



**AC 500A**  
 Input Voltage : 415V  
 Input Current : 100A  
 Welding Range : 85-400A  
 Duty Cycle : 60%  
 Weight : 185kg  
 Dimension : 451x627x892mm



## MIG WELDING



**ACDC 300A**  
 Input Voltage : 415V  
 Input Current : 100A  
 Welding Range : (AC) 55-300A  
 (DC) 40-250A  
 Duty Cycle : 40%  
 Weight : 135kg  
 Dimension : 427x732x739mm



**TS 600**  
 Input Voltage : 415V  
 Input Current : 65A  
 Welding Range : 50-600A  
 Duty Cycle : 60%  
 Weight : 180kg  
 Dimension : 585x900x735mm



**EVO MIG 200**  
 Input Voltage : 220/240V  
 Input Current : 28A  
 Welding Range : 30-200A  
 Duty Cycle : 30%  
 Weight : 11kg  
 Dimension : 390x180x280mm  
 Function : 2T 4T



**MIG 210S**  
 Input Voltage : 220/240V  
 Input Current : 33A  
 Welding Range : 30-210A  
 Duty Cycle : 60%  
 Weight : 72kg  
 Dimension : 450x850x720mm



**MIG 280S**  
 Input Voltage : 415V  
 Input Current : 24A  
 Welding Range : 40-280A  
 Duty Cycle : 60%  
 Weight : 125kg  
 Dimension : 510x950x838mm



**ECO 350F**  
 Input Voltage : 380V/415V  
 Input Current : 26A  
 Welding Range : 40-350A  
 Duty Cycle : 60%  
 Weight : 157 kg  
 Dimension : 940x515x820mm



**ECO 500F**  
 Input Voltage : 380V/415V  
 Input Current : 38A  
 Welding Range : 45-500A  
 Duty Cycle : 60%  
 Weight : 170 kg  
 Dimension : 940x515x820mm



**TA501i**  
 Input Voltage : 380/415V  
 Input Current : 55A  
 Welding Range : 80-500A  
 Duty Cycle : 60%  
 Weight : 178kg  
 Dimension : 890x540x1005mm



**Multi 500**  
 Input Voltage : 380/415V  
 Input Current : 36A  
 Welding Range : 80-500A  
 Duty Cycle : 100%  
 Weight : 43kg  
 Dimension : 660x370x620mm



# TIG WELDING



**TIG 201P**  
 Input Voltage : 220/240V  
 Input Current : 19A  
 Welding Range : 10 -160A  
 Duty Cycle : 60%  
 Weight : 6kg  
 Dimension : 400x160x300mm



**TIG ACDC 200P**  
 Input Voltage : 220V  
 Input Current : 35.4A  
 Welding Range : (AC) 10-200A  
 (DC) 11-200A  
 Duty Cycle : 60%  
 Weight : 20.5kg  
 Dimension : 476x242x423mm



**TIG 300AD**  
 Input Voltage : 380/415V  
 Input Current : 15A  
 Welding Range : (AC) 40-300A  
 (DC) 10-300A  
 Duty Cycle : 80%  
 Weight : 33kg  
 Dimension : 670x312x610mm



**TIG 400DC**  
 Input Voltage : 380/415V  
 Input Current : 23A  
 Welding Range : 5-400A  
 Duty Cycle : 60%  
 Weight : 37kg  
 Dimension : 315x720x615mm



**TIG 500DC**  
 Input Voltage : 380/415V  
 Input Current : 31A  
 Welding Range : 5-500A  
 Duty Cycle : 60%  
 Weight : 39kg  
 Dimension : 315x720x615mm



# PLASMA



**EVO CUT 60H**  
 Input Voltage : 220/240V  
 Input Current : 11A  
 Welding Range : 20-60A  
 Cut Thickness : Max. 10mm  
 Duty Cycle : 60%  
 Weight : 20kg  
 Dimension : 470x210x370mm



**EVO PLASMA 120**  
 Input Voltage : 380/415V  
 Input Current : 27A  
 Welding Range : 40-120A  
 Cut Thickness : Max. 30mm  
 Duty Cycle : 60%  
 Weight : 40kg  
 Dimension : 600x300x520mm



**MC 8**  
 Input Voltage : 230/240V  
 Duty Cycle : 50%  
 No.Load Voltage : 6  
 Spot Thickness : 1.0+1.0mm  
 Weight : 37kg  
 Dimension : 273x380x373mm



**MC 25**  
 Input Voltage : 230/415V  
 Input Current : 92/50V  
 Duty Cycle : 9.2  
 Spot Thickness : 2.5+2.5mm  
 Weight : 158kg  
 Dimension : 375x830x1190mm



**JC 50**  
 Input Voltage : 415V  
 Input Current : 120/130V  
 Duty Cycle : 7.5-8.5  
 Spot Thickness : 5.0+5.0mm  
 Weight : 330kg  
 Dimension : 690x1170x1190mm



# SUBMERGED ARC



**SAW 1250I**  
 Input Voltage : 415V  
 Input Current : 86A  
 Welding Range : 100-1200A  
 Duty Cycle : 60%  
 Weight : 120kg  
 Wire Dimension : 3.2/4.0/5.0mm  
 Dimension : 860x510x1070mm



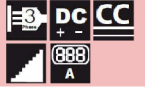
# ENGINE DRIVE



**ALPHAWELD 500D**  
 Input Voltage : 500V  
 Input Current : 40A  
 Output Range : 5-500a CC/15-48V CV  
 Engine Type : Deutz F3L-912 Diesel  
 Generator Output : 30KVA  
 Weight : 910kg  
 Dimension : 1380x860x1710mm



# MULTI-OPERATOR



**WELD PLUS 3000**  
 Input Voltage : 415V  
 Input Current : 210A  
 Welding Range : 20-500A (1 unit)  
 Duty Cycle : 70%  
 Weight : 850kg  
 Dimension : 755x1702x1873mm



# AUTOMATION



**WASP - TT60MIG (For MIG Series)**  
 Input Voltage : 220V  
 Table Dimenter : 350mm  
 Tile Angle : 0°- 90°  
 Rotation Speed : 0.5-8.0RPM  
 Rotate Load : 60kg  
 Weight : 36kg



**WASP - TT60TIG (For TIG Series)**  
 Input Voltage : 220V  
 Table Dimenter : 350mm  
 Tile Angle : 0°- 90°  
 Rotation Speed : 0.5-4.0RPM  
 Rotate Load : 60kg  
 Weight : 36kg

CNC Plasma & Oxy Cut



Column & Boom



Robot System Solutions



# OPTIONAL ACCESSORIES

MMA

## Welding Cables and Accessories



**Electrode Holder Set**  
300 A Cable Length:  
3 Metre, 6 Metre, 9 Metre, 15 Metre



**G-Type Earth Clamp Set**



A) Binzel Anti Spatter Spray  
B) WIM Nozzle Gel



**Welding Helmet**  
a. Hand Shield Type  
b. Head Shield Type  
c. Solar Head Shield Type



**Welding Hand Glove**  
a. Leather Type Green (14")  
b. Semi Leather Type (10")



**Terminal Plug TSK 70**  
35-70mm 2.400A



**Panel Socket TEBM 25**  
10-25mm<sup>2</sup>



**Cable Connector**

**Terminal Plug TSKM 25**  
10-25mm 2.200A

**Panel Socket TBE 30-50**  
35-70mm<sup>2</sup>

## Welding Electrode Oven & Dryers



**WIM Electrode Dryer**



**Welding Electrode Oven**



**Welding Electrode Oven**

## Welding Electrode & Gouging Torch



**Gouging Torch Binzel**  
Amp 1000 (35%)  
Air Pressure 7 Bar  
Flow 0.7m<sup>3</sup>/min



**ARC Welding Electrode**  
6013 Dia=2.6mm, 3.2mm,  
4.0mm, 5.0mm

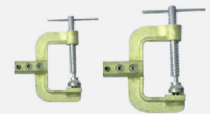
## Electrode Holder, Earth & G Clamp



**Electrode Holder**  
a. 200A  
b. 300A  
c. 500A



**Earth Clamp**  
a. 300A  
b. 400A



**G Clamp**  
a. 500A (5")  
b. 600A (7")

MIG

## Welding Torches



**MB 15 AK**



**MB 24 KD**



**AB GRIP 35.2**



**AB GRIP 50.2**



**MB EVO PRO 36**

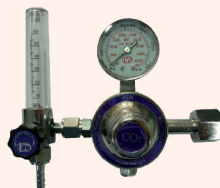
## Gas Regulator



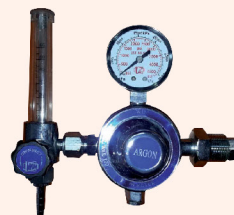
**Acetylene**



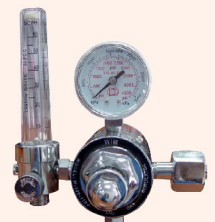
**Oxygen**



**CO2**

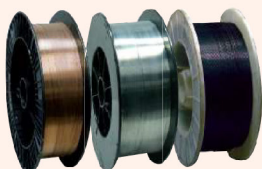


**Argon**



**CO2 With Heater 110V/220V**

## Wire & Flux Core Wire, Feeder Roller



**Solid Wire ER705-6**  
0.8mm, 1.0mm, 1.2mm

**Aluminium Wire 5356**  
0.8mm, 1.0mm, 1.2mm

**Flux Cored Wire 71T E71T-1**  
1.2mm, 1.6mm



**Feeder Ratio (40x10x32)mm**

**A. 'V' Type (For Solid Wire Use)**  
0.8-1.0mm, 1.0-1.2mm, 1.2-1.6mm

**B. 'U' Type (For Aluminium Wire Use)**  
0.8-1.0mm, 1.0-1.2mm, 1.2-1.6mm

**C. Gear Type (For Flux Core Wire Use)**  
1.0-1.2mm, 1.2-1.2mm



# OPTIONAL ACCESSORIES

TIG

## Accessories



WP18



WP26

## Tungsten Electrode & Rodwater Cooler



Tungsten Electrode



Welding Rod



WCS-33

PLASMA

## Accessories



P80



Nozzle Tip



Electrode



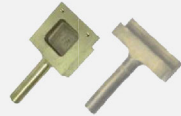
Shield Cap

SPOT WELDING

## Accessories



JPC 35/50KVA Electrode Holder 'Z' type  
- 1/10  
- 1/15



Spot Welder Wire Mould Complete Set



MC 15/25 Electrode - 'Z' type (1/15)  
- 1/15



JPC 35/50KVA Electrode Holder 1/10, 1/15



Spot Welder Tip - 52mm (1/10)  
- WIM Origin (1/10)



Spot Welder Mould

MC 15/25 Electrode 1/10, 1/5



SPOT Cap 1.10 - Tip Holder  
- Pointed Type  
- Round Type

## Spot Welder Controller

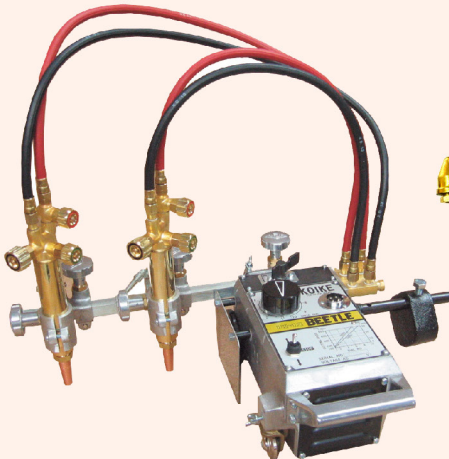


WIM Touch 1800 Digital



WIM Touch 2005 Digital Control & Constant Current

OTHERS



Beetle 12A



Cutting Torch



Brush



Gas



## WIM ICONS



Unit requires single-phase input power



Unit requires two-phase input power



Unit requires three-phase input power



Unit supplies alternating current weld output



Unit supplies direct current weld output



Unit supplies alternating current direct current weld output



Unit supplies constant current weld output



Unit supplies constant current weld output



Unit supplies constant voltage weld output



Unit supplies Step Adjustment



Unit supplies Arc Force



Unit supplies Four Wheels Feeder Roller



Unit supplies Four Measurement Instruments (Analog)



Unit applies air compressor



Unit supplies Pilot Arc



Unit supplies Lift Mode (Arc Striking)



Unit supplies Hf Arc Striking



Unit supplies Pulse



Unit requires Programmable



Unit requires Digital Control



Unit requires Inverter Technology



Unit supplies Vertical Stroke



Unit supplies Rocker Arm



Unit supplies Mechanical Operated



Unit supplies Air Operated



Unit supplies Measurement Instruments (Digital)



Unit supplies Four Measurement Instruments (Digital)



**LONGLIFE WELD SDN. BHD.**

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