



TOTAL WELDING SOLUTIONS

PRODUCT CATALOGUE 2011-2012





TOTAL WELDING SOLUTIONS

CHOOSE THE RIGHT MACHINE FOR THE RIGHT JOB

daftar isi 2011 - 2012

Mesin-mesin las WIM telah di desain secara khusus untuk memenuhi semua kebutuhan pengelasan terkini. Diciptakan untuk efisiensi dan multifungsi pada industri menengah sampai penggunaan pada industri berat. Hanya dengan nilai investasi yang relatif kecil. Anda akan mendapatkan yang terbaik untuk bermacam pekerjaan. Beralihlah ke WIM!

By Asia, In Asia, For Asia

KAMI MEMPERSEMBAHKAN SOLUSI TOTAL SEMUA KEBUTUHAN PENGELASAN ANDA



MMA (SMAW)

- Proses Arc Welding yang paling populer.
- Cocok untuk kondisi outdoor juga berangin.
- Cukup baik untuk mengelas logam kotor atau berkarat.
- Dapat diaplikasikan untuk berbagai posisi las. Dari mendekati minimum hingga ketebalan maksimum.



MULTI - PROCESS

- Investasi yang menguntungkan, 1 mesin untuk 3 proses.
- Mesin las multiproses dapat digunakan untuk pengelasan tipe SMAW, GMAW dan GTAW.
- Sangat populer di kalangan pengguna mesin las, khususnya dalam bidang konstruksi berat dan pabrik berproduksi tinggi.



MIG Welding (GMAW)

- Proses las yang paling mudah dipelajari.
- Memungkinkan mengelas dengan kecepatan tinggi.
- Memberikan kontrol yang lebih baik di logam tipis.
- Menghasilkan asap dan uap yang lebih sedikit.
- Mesin yang sama dapat digunakan untuk pengelasan flux cored.



TIG Welding (GTAW)

- Memberikan hasil dengan kualitas terbaik, dan hasil las yang akurat.
- Input panas dapat disesuaikan saat mengelas, dengan menggunakan remote control.

PULSED TIG (GTAW-P)

- Kontrol yang baik pada logam tipis.
- Distorsi panas yang lebih sedikit pada logam tipis.



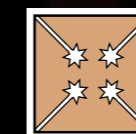
PLASMA (Cutting)

- Dapat digunakan pada logam penghantar listrik manapun.
- Zona yang terkena panas lebih kecil, membantu mencegah kerusakan cat atau timbulnya lengkungan.



SPOT (Projection Welding)

- Portable, mudah dioperasikan untuk industri ringan hingga berat.
- Proses yang ekonomis.
- Proses dengan durasi yang pendek.
- Toleransi tinggi terhadap berbagai variasi penggunaan.
- Berbagai pengelasan dalam waktu yang bersamaan.



MULTI - OPERATOR

- Investasi yang lebih menguntungkan untuk mesin.
- Dapat digunakan untuk lebih dari 12 operator las.
- Dapat digunakan dalam berbagai posisi.
- Proses aplikasi las yang lebih banyak hanya dengan 1 power source.



ENGINE DRIVE WELDING

- Cocok untuk pengerjaan di tempat yang tidak ada supply listrik.
- Menyediakan arus pengelasan yang besar.
- Dapat digunakan untuk pengelasan SMAW, GTAW, dan SMAW (dengan accessories voltage sensing wire feeder).
- Dilengkapi output 220 V & 380 V.



SUBMERGED ARC WELDING

- Tingkat deposisi sangat tinggi.
- Kualitas las baik.
- Cocok untuk pengelasan plat tebal.
- Mudah pengoperasian.
- Tidak memerlukan skill operator yang tinggi.

| i | daftar isi |
|----|-----------------------|
| 1 | MMA Welding |
| 5 | Multi - Process |
| 6 | MIG Welding |
| 9 | TIG Welding |
| 11 | Plasma Cutting |
| 12 | Spot Welding |
| 14 | ROBOTIC Machine |
| 16 | Multi - Operator |
| 19 | Engine Drive Welding |
| 20 | Submerged Arc Welding |
| 21 | Accessories |
| 31 | Standard Equipment |



TOTAL WELDING SOLUTIONS



● Heavy Industrial

WELDS :

- Steel
- Stainless Steel
- Cast Iron

TYPICAL USAGE :

- Tool / die repair
- Maintenance
- Fabrication
- Shipbuilding & Repair
- Farm and Ranch
- Hobbyist

AC 200A
P/N : 3 200 180 922



AC 300A
P/N : 3 300 180 922



AC 400A
P/N : 3 400 180 922



AC 500A
P/N : 3 500 180 922



| | | AC 200A | AC 300A | AC 400A | AC 500A |
|-----------------------|-----|----------------------|-----------------|-----------------|-----------------|
| Input Voltage | | 380V (2-Phase) 50 Hz | | | |
| Input Current | A | 30 | 60 | 76 | 100 |
| Input Power | KVA | 16.3 | 24 | 32 | 42,5 |
| Welding Current Range | A | 55~200 | 55 ~ 300 | 80 - 400 | 85 ~ 500 |
| Open Circuit Voltage | VAc | 64 | 76 | 76 | 79.4 |
| Duty Cycle | % | 40 | 40 | 40 | 60 |
| Weight | Kg | 73 | 95 | 140 | 185 |
| Dimension (LxWxH) | mm | 680 x 490 x 300 | 540 x 425 x 660 | 580 x 430 x 700 | 627 x 451 x 892 |
| Weldable electrode | mm | 2.6 to 4 | 2.6 to 6 | 2.6 to 6 | 2.6 to 8 |

● Light Industrial

Fully featured inverter for better welds, better protection and longer hours

WELDS :

- Steel
- Stainless Steel
- Cast Iron

TYPICAL USAGE :

- Repair
- Maintenance
- Fabrication
- Automotive
- Home and Farm use
- Vocational

ES 1200
P/N : 3 120 108 110
ES 1200 M
P/N : 3 120 108 111

ES 1600
P/N : 3 160 108 110
ES 1600 M
P/N : 3 160 108 111

ES 2000M
P/N : 3 200 108 111



OPTIONAL ACCESSORIES

SCRATCH TIG SET
P/N : 3 012 603 900
For ES 1200M
P/N : 3 016 603 900
For ES 1600M / ES 2000M



| | | ES 1200** ES 1200M*) | ES 1600** ES 1600M*) | ES 2000*) |
|-----------------------|-----|-------------------------|------------------------|-----------------|
| Input Voltage | | 220V (1-Phase) 50/60 Hz | | |
| Input Current | | 25 | 30 | 37 |
| Input Power | A | 5.5 | 6.6 | 8.1 |
| Welding Current Range | KVA | 35 ~ 120 | 20 ~ 160 | 20 ~ 200 |
| Open Circuit Voltage | A | 65 | 65 | 65 |
| Duty Cycle | VDc | 60 | 60 | 60 |
| Weight | % | 6,8 | 8 | 8.3 |
| Dimension (LxWxH) | Kg | 292 x 154 x 292 | 393 x 154 x 292 | 390 x 153 x 298 |
| Weldable Electrode | mm | 1.6 to 3.2 | 1.6 to 3.2 | 1.6 to 4.0 |
| Suitable For | | MMA & TIG | | |

● Light Industrial

For the occasional weld

WELDS :

- Steel
- Stainless Steel
- Cast Iron

TYPICAL USAGE :

- Tool / die repair
- Maintenance
- Fabrication
- Shipbuilding & Repair
- Farm and Ranch
- Hobbyist

IE 121
P/N : 3 121 118 111



IE 121

IE 161
P/N : 3 161 118 111



IE 161

Single phase 220-240 v

| | | IE 121 | IE 161 |
|-----------------------------|-----|------------------------------|------------------------------|
| Input Voltage | | Single phase 220-240 v | |
| Input Current | A | 18 | 30 |
| Idle Voltage | V | 64 | 60 |
| Output Current | A | 20 ~ 120 | 20 ~ 160 |
| Rated Output Voltage | V | 24.8 | 26.4 |
| Rated Duty Cycle | % | 30 | 60 |
| Power Capacity | kVA | 3.96 | 6.6 |
| Idle Loss | W | 30 | 30 |
| Power Factor | | 0.93 | 0.93 |
| Efficiency | % | 85 | 85 |
| Weight | kg | 3.8 | 6.8 |
| Dimension | mm | 300 x 140 x 190 | 350 x 160 x 300 |
| Enclosure Protection Degree | | IP21S | IP21S |
| Weldable Electrode | mm | 1.6 to 3.2 | 1.6 to 3.2 |
| Information | | nonstop 10 pcs electrode 3.2 | nonstop 60 pcs electrode 3.2 |

● Medium Industrial

For the demanding professional

WELDS :

- Steel
- Stainless Steel
- Cast Iron

TYPICAL USAGE :

- Tool / die repair
- Maintenance
- Fabrication
- Shipbuilding & Repair
- Farm and Ranch
- Hobbyist

ES 2500M
P/N : 3 250 108 111



ES 2500

ES 4200M
P/N : 3 420 108 111



ES 4200

OPTIONAL ACCESSORIES

SCRATCH TIG SET
P/N : 3 016 603 900
For ES 2500M / ES 2000M



| | | ES 2500 | ES 4200 |
|-----------------------|-----|-------------------------|-----------------|
| Input Voltage | | 380V (3-Phase) 50/60 Hz | |
| Input Current | A | 21 | 27.4 |
| Input Power | KVA | 8.7 | 11.7 |
| Welding Current Range | A | 20 ~ 250 | 40 ~ 420 |
| Open Circuit Voltage | VDc | 70 | 75 |
| Duty Cycle | % | 60 | 60 |
| Weight | Kg | 17 | 37 |
| Dimension (LxWxH) | mm | 530 x 215 x 380 | 630 x 420 x 540 |
| Weldable Electrode | mm | 1.6 to 4 | 1.6 to 5 |
| Suitable For | | MMA & TIG | |

*) Complete with electrode holder, earth clamp set
**) Complete with electrode holder, earth clamp set, TIG torch set, argon regulator



● Light Industrial

Fully featured inverter for the specialist who demands the best

WELDS :

- Steel
- Stainless Steel
- Cast Iron

TYPICAL USAGE :

- Tool / die repair
- Maintenance
- Plant Fabrication
- Vessel/tank/boiler fabrication
- Automotive
- Home and farm use
- Vocational

IT 1600M
P/N : 3 160 168 111



IT 2000 M
P/N : 3 200 168 111



OPTIONAL ACCESSORIES

SCRATCH TIG SET
P/N : 3 016 603 900
For IT 168 / IT 1600M



TIG Torch Set Argon Regulator

IT 1600M*)

IT 2000 M

| | | | |
|-----------------------|-----|-------------------------|-------------------------|
| Input Voltage | | 220V (1-Phase) 50/60 Hz | 220V (1-Phase) 50/60 Hz |
| Input Current | A | 30 | 37 |
| Input Power | KVA | 6.2 | 8.4 |
| Welding Current Range | A | 20 ~ 160 | 40 ~ 200 |
| Open Circuit Voltage | VDc | 75 | 60 |
| Duty Cycle | % | 100 | 60 |
| Weight | Kg | 7 | 8 |
| Dimension (LxWxH) | mm | 440 x 180 x 355 | 375 x 175 x 330 |
| Weldable Electrode | mm | 1.6 to 4 | 1.6 to 4 |
| Suitable For | | MMA & TIG | |

● Heavy Industrial

The true industrial solution

WELDS:

- Steel
- Stainless Steel
- Cast Iron
- Gouging (TS 600)

TYPICAL USAGE:

- Fabric plating
- Metal tank
- Farms
- Construction
- Metalworks
- Steel building erection
- Pipewelding
- Maintenance
- Shipbuilding
- Foundries

IA 400X
P/N : 3 400 168 112



IA 500X
P/N : 3 500 168 112



OPTIONAL ACCESSORIES

SCRATCH TIG SET
P/N : 3 016 603 900
For IT 168 / IT 1600M



TIG Torch Set Argon Regulator

IA 400 X

IA 500 X

| | | | |
|-----------------------|-----|-------------------------|-------------------------|
| Input Voltage | | 380V (3-Phase) 50/60 Hz | 380V (3-Phase) 50/60 Hz |
| Input Current | A | 28 | 33 |
| Input Power | KVA | 13.3 | 15.7 |
| Welding Current Range | A | 35 ~ 400 | 45 ~ 500 |
| Open Circuit Voltage | VDc | 74 | 74 |
| Duty Cycle | % | 60 | 60 |
| Weight | Kg | 38 | 40 |
| Dimension (LxWxH) | mm | 720 x 420 x 760 | 720 x 420 x 760 |
| Weldable Electrode | mm | 1.6 to 5 | 1.6 to 6 |
| Suitable For | | MMA & TIG | |

● Heavy Industrial

WELDS:

- Steel
- Stainless Steel
- Cast Iron
- Gouging (TS 600)

TYPICAL USAGE:

- Fabric plating
- Metal tank
- Farms
- Construction
- Metalworks
- Steel building erection
- Pipewelding
- Maintenance
- Shipbuilding
- Foundries

TS 300
P/N : 3 300 108 230



TS 400
P/N : 3 400 108 230



TS 600
P/N : 3 600 108 230



TS 300*)

TS 400*)

TS 600*)

| | | | | |
|-----------------------|-----|-------------------------|-------------------------|-------------------------|
| Input Voltage | | 380V (3-Phase) 50/60 Hz | 380V (3-Phase) 50/60 Hz | 380V (3-Phase) 50/60 Hz |
| Input Current | A | 32 | 45 | 65 |
| Input Power | KVA | 23 | 32 | 47 |
| Welding Current Range | A | 30 ~ 300 | 40 ~ 400 | 50 ~ 600 |
| Open Circuit Voltage | VDc | 75 | 75 | 75 |
| Duty Cycle | % | 60 | 60 | 60 |
| Weight | Kg | 147 | 157 | 216 |
| Dimension (LxWxH) | mm | 715 x 485 x 665 | 715 x 485 x 665 | 870 x 580 x 700 |
| Weldable Electrode | mm | 2 to 5 | 2 to 6 | 2 to 8 |
| Suitable For | | MMA, TIG & Gouging | | |

OPTIONAL ACCESSORIES

SCRATCH TIG ACCESSORIES



Argon Regulator TIG Torch

GMAW / FCAW ACCESSORIES



Mig Torch CO2 Regulator

PWF 33 sensing feeder



● Heavy Industrial

WELDS:

- Steel
- Stainless Steel
- Aluminium
- Copper
- Brass
- Titanium
- Casting

TYPICAL USAGE:

- Automotive
- Metalworks
- Fabrication
- Manufacturing
- Construction
- Ship Building



THE NEW WELDING EVOLUTION

EVO 500

MULTIPROCESS WELDING MACHINE



P/N : 3 500 123 930



MMA WELDING

MIG WELDING

TIG WELDING

OPTIONAL ACCESSORIES



• The CC / CV selector switch provide a multi function welding process : MMA (CC), TIG (CC), MIG (CV), Sensing Feeder (CV).

• A built in three phase over and under voltage protection enable the machine to protect itself from human error.

• Produces stable arc and low input current draw.

• Digital Amps display meter for easy setting and more precise control. (Only for DC process).

• Auto Hold function available on wire feeder. (optional).

• Input Voltage Compensation keeps the welding parameters constant even when the input voltage change + 10%.

• Thermal Overload Protection allows internal components to be protected from damages. This will allow the machine to shut down automatically is the duty cycle is exceeded or air flow and cooling are restricted.

EVO 500 *)

| | | |
|-----------------------|-----|-------------------------------|
| Input Voltage | | AC 380 / 415 V ± 10%, 3 Phase |
| Frequency | Hz | 50 / 60 |
| Rated Input | KVA | 24.5 |
| Power Factor | | 0.96 |
| Idling Input Current | A | 0.25 |
| Max OCV (CC) | VDC | 75 |
| Current Range (CC) | A | 5 - 500 |
| OCV Range (MIG) CV | V | 15 - 48 |
| Rated Duty Cycle 70% | | 500 A / 40V |
| Rated Duty Cycle 100% | | 400 A / 36V |
| Weight | Kg | 70 |
| Dimension (WxLxH) | mm | 385 x 630 x 545 |

● Light Industrial

WELDS :

- Steel
- Stainless Steel
- Aluminium
- Copper
- Brass

TYPICAL USAGE :

- Automotive
- Maintenance
- Fabrication
- Manufacturing
- Auto Body

MIGWELD 188

P/N : 3 188 201 910



MIGWELD 210S

P/N : 3 210 200 910



MIGWELD 188*)

| | MIGWELD 188*) | MIGWELD 210S*) |
|------------------------|-------------------------|-------------------------|
| Input Voltage | 220V (1-Phase) 50/60 Hz | 220V (1-Phase) 50/60 Hz |
| Input Current | A | 30 |
| Input Power | KVA | 6.6 |
| Welding Current Range | A | 40 ~ 210 |
| Open Circuit Voltage | Vdc | 18.4 ~ 32.5 |
| Duty Cycle | % | 30 % at 155A |
| Voltage Adjustment | step | 6 |
| Filler Wire Dimensions | mm | 0.6 ~ 1.0 |
| Wire Feeding Speed | m/min | 1 ~ 20 |
| Weight | Kg | 58 |
| Dimension (LxWxH) | mm | 860 x 500 x 515 |

MIG-MAG Welder | GMAW

TAPPING SWITCH

● Medium Industrial

WELDS :

- Steel
- Stainless Steel
- Aluminium
- Copper
- Brass

TYPICAL USAGE :

- Automotive
- Maintenance
- Fabrication
- Manufacturing
- Auto Body

MIG-MAG ES 273-1

P/N : 3 273 201 930



MIG-MAG ES 273-1*)

| | MIG-MAG ES 273-1*) |
|------------------------|-------------------------|
| Input Voltage | 380V (3-Phase) 50/60 Hz |
| Input Current | A |
| Input Power | KVA |
| Welding Current Range | A |
| Open Circuit Voltage | Vdc |
| Duty Cycle | % |
| Voltage Adjustment | step |
| Filler Wire Dimensions | mm |
| Wire Feeding Speed | m/min |
| Weight | Kg |
| Dimension (LxWxH) | mm |

*) Complete with electrode holder & earth clamp set

*) Complete with 3m MIG Torch, CO2 regulator, earth clamp set



Medium Industrial

WELDS :

- Steel
- Stainless Steel
- Aluminium
- Copper
- Brass

TYPICAL USAGE :

- Automative
- Maintenance
- Fabrication
- Manufacturing
- Auto Body

MIGWELD 280S
P/N : 3 280 201 930



MIGWELD 280SEF
P/N : 3 280 261 930



| | | MIGWELD 280S*) | MIGWELD 280SEF**) |
|------------------------|-------|---------------------------|---------------------------|
| Input Voltage | | 380V (3-Phase) 50/60 Hz | 380V (3-Phase) 50/60 Hz |
| Input Current | A | 24 | 24 |
| Input Power | KVA | 15.7 | 15.7 |
| Welding Current Range | A | 40 ~ 280 | 40 ~ 280 |
| Open Circuit Voltage | Vdc | 19 ~ 39 | 19 ~ 39 |
| Duty Cycle | | 40% at 280A ; 60% at 250A | 40% at 280A ; 60% at 250A |
| Voltage Adjustment | step | 4 x 8 | 4 x 8 |
| Filler Wire Dimensions | mm | 0.6 ~ 1.2 | 0.6 ~ 1.2 |
| Wire Feeding Speed | m/min | 1 ~ 20 | 1 ~ 20 |
| Weight | Kg | 125 | 125 |
| Dimension (LxWxH) | mm | 950 x 510 x 838 | 950 x 515 x 820 |

Heavy Industrial

WELDS :

- Cast Iron
- Steel
- Stainless Steel
- Aluminium
- Copper
- Brass

TYPICAL USAGE :

- Automative
- Manufacturing
- Fabric Platework
- Construction
- Metalworks
- Ship Building

TA 350i
P/N : 3 350 261 230



TA 500i
P/N : 3 500 261 230



| | | TA 350i***) | TA 500i***) |
|--------------------------------|-----|-------------------------|-------------------------|
| Input Voltage | | 380V (3-Phase) 50/60 Hz | 380V (3-Phase) 50/60 Hz |
| Input Current | A | 27.5 | 42 |
| Input Power | KVA | 18.1 | 31.9 |
| Welding & Crater Current Range | A | 75 ~ 350 | 80 ~ 500 |
| Welding & Crater Voltage Range | Vdc | 17.8 ~ 31.5 | 18 ~ 39 |
| Max. Open Circuit Voltage | Vdc | 53 | 64 |
| Duty Cycle | % | 60 | 60 |
| Filler Wire Dimensions | mm | 0.8 ~ 1.2 | 1.2 ~ 1.6 |
| Weight | Kg | 139 | 178 |
| Dimension (LxWxH) | mm | 1005 x 540 x 890 | 1005 x 540 x 890 |

WELDS :

- Steel
- Stainless Steel
- Aluminium
- Copper
- Brass

TYPICAL USAGE :

- Automative
- Maintenance
- Fabrication
- Manufacturing
- Auto Body

MIGWELD 350SEF
P/N : 3 350 261 930
Medium Industrial



MIGWELD 500SEF
P/N : 3 500 261 930
Heavy Industrial



| | | MIGWELD 350SEF***) | MIGWELD 500SEF***) |
|------------------------|------|----------------------------|----------------------------|
| Input Voltage | | 380V (3-Phase) 50/60 Hz | 380V (3-Phase) 50/60 Hz |
| Input Current | A | 26 | 38 |
| Input Power | KVA | 17 | 24.9 |
| Welding Current Range | A | 40 ~ 350 | 45 ~ 500 |
| Open Circuit Voltage | Vdc | 18 ~ 44 | 18 ~ 54 |
| Duty Cycle | | 60% at 350A ; 100% at 270A | 60% at 430A ; 100% at 330A |
| Voltage Adjustment | step | 2 x 12 | 2 x 12 |
| Filler Wire Dimensions | mm | 0.8 ~ 1.6 | 0.8 ~ 1.6 |
| Weight | Kg | 157 | 170 |
| Dimension (LxWxH) | mm | 940 x 515 x 820 | 940 x 515 x 820 |

Heavy Industrial

WELDS :

- Steel
- Stainless Steel
- Aluminium
- Titanium
- Brass

TYPICAL USAGE :

- Automative
- Maintenance
- Fabrication
- Manufacturing

Wire Feeder



IMG 350
P/N : 3 350 266 130



IMG 500
P/N : 3 500 266 130



| | | IMG 350***) | IMG 500***) |
|--------------------------------|-----|-------------------------|-------------------------|
| Input Voltage | | 380V (3-Phase) 50/60 Hz | 380V (3-Phase) 50/60 Hz |
| Input Current | A | 25 | 40 |
| Input Power | KVA | 17.3 | 30.9 |
| Welding & Crater Current Range | A | 50 ~ 350 | 50 ~ 500 |
| Welding & Crater Voltage Range | Vdc | 15 ~ 31.5 | 15 ~ 39 |
| Max. Open Circuit Voltage | Vdc | 68 | 72 |
| Duty Cycle | % | 60 | 60 |
| Filler Wire Dimensions | mm | 0.8 ~ 1.2 | 1.2 ~ 1.6 |
| Weight | Kg | 67.2 | 74.8 |
| Dimension (LxWxH) | mm | 840 x 350 x 605 | 840 x 350 x 605 |

*) Complete with 3m MIG torch, CO₂ regulator, earth clamp set
 **) Complete with 3m wire feeder, 3m MIG torch, CO₂ regulator, earth clamp set
 ***) Complete with 3m wire feeder, 3m MIG torch, CO₂ regulator heater, earth clamp set

*) Complete with 3m MIG torch, CO₂ regulator, earth clamp set
 **) Complete with 3m wire feeder, 3m MIG torch, CO₂ regulator, earth clamp set
 ***) Complete with 3m wire feeder, 3m MIG torch, CO₂ regulator heater, earth clamp set



Medium Industrial

WELDS :

- Steel
- Stainless Steel
- Copper
- Brass

TYPICAL USAGE :

- Home & Kitchen
- Industrial
- Fabrication
- Medical
- Office Equipment
- Tools and Janitorial

ITG 180 A
P/N : 3 180 308 110



ITG 180 A*)

| | | |
|------------------------------|-----|-------------------------|
| Input Voltage | | 220V (1-Phase) 50/60 Hz |
| Input Current | A | 23 |
| Input Power | KVA | 5.1 |
| Welding Current Range | A | 10 ~ 180 |
| Start & Crater Current Range | A | - |
| Gas Post Flow Time | Sec | 3 or 8 |
| Open Circuit Voltage | Vdc | 55 |
| Pulse Frequency | Hz | - |
| Duty Cycle | % | 60 |
| Weight | Kg | 8 |
| Dimension (LxWxH) | mm | 371 x 155 x 295 |

Medium Industrial

WELDS :

- Steel
- Stainless Steel
- Titanium
- Brass

TYPICAL USAGE :

- Tool / Die repair
- Vessel / Tank fabrication
- Pressure valve or regulator
- Train
- Automotive
- Airplane / Aerospace

ITG 222P
P/N : 3 222 308 110



ITG 222P*)

| | | |
|------------------------------|-----|---------------------------------|
| Input Voltage | | 220V (1-Phase) 50/60 Hz |
| Input Current | A | 32 |
| Input Power | KVA | 7 |
| Welding Current Range | A | 5 ~ 200 |
| Start & Crater Current Range | A | 5 ~ 200 |
| Gas Post Flow Time | Sec | 2 ~ 10 |
| Open Circuit Voltage | Vdc | 100 |
| Pulse Frequency | Hz | Low: 10 ~ 40 ; High : 125 ~ 500 |
| Duty Cycle | % | 40 |
| Weight | Kg | 15.3 |
| Dimension (LxWxH) | mm | 408 x 225 x 321 |

Medium Industrial

WELDS :

- Steel
- Stainless Steel
- Aluminium
- Titanium
- Brass

TYPICAL USAGE :

- Tool / Die repair
- Vessel / Tank Fabrication
- Pressure valve or regulator
- Train
- Automotive
- Airplane / Aerospace
- Ship Building

TG 301P (AC/DC)
P/N : 3 301 388 220



TG 301P (AC/DC)**)

| | | |
|--|-----|-----------------------------|
| Input Voltage | | 380V (2-Phase) 50/60 Hz |
| Input Current | A | 68 |
| Input Power | KVA | 26 |
| Welding Current Range | A | AC: 20 ~ 300 ; DC : 8 ~ 300 |
| Initial & Crater Current Range (AC/DC) | A | 20 ~ 300 |
| Up Slope Time Down Slope Time | Sec | 0.1 ~ 6 0.2 ~ 10 |
| Gas Pre Flow Time Gas Post Flow Time | Sec | 0.3 5 ~ 25 |
| Open Circuit Voltage (AC/DC) | V | 80 |
| Pulse Frequency | Hz | 0.5 ~ 10 |
| Duty Cycle | % | 50 |
| Weight | Kg | 175 |
| Dimension (LxWxH) | mm | 700 x 440 x 810 |

OPTIONAL ACCESSORIES

FOOT SWITCH
P/N : 001 603 900



WCS 33 Water Cooler
P/N : 3 033 603 910



*) Complete with TIG torch set, gas hose set, argon regulator, earth clamp set, plus kit set
**) Complete with TIG torch set, gas hose set, argon regulator, earth clamp set, hose (toyoron set), remote control set, plus kit set

WELDS :

- Steel
- Stainless Steel
- Aluminium
- Titanium
- Brass

TYPICAL USAGE :

- Tool / Die repair
- Vessel / Tank fabrication
- Pressure valve or regulator
- Train
- Automotive
- Airplane / Aerospace
- Ship Building

ITG 300P AC/DC
P/N : 3 300 388 130
Medium Industrial

ITG 500 P AC/DC
P/N : 3 500 388 130
Heavy Industrial



ITG 300 P**)

ITG 500 P**)

| | | | |
|------------------------------------|-----|------------------------------------|------------------------------------|
| Input Voltage | | 380V (3-Phase) 50/60 Hz | 380V (3-Phase) 50/60 Hz |
| Input Power | KVA | DC : 11 ; AC : 12 | DC : 17.5 ; AC : 19.3 |
| Welding Current Range | A | AC : 10 ~ 300 ; DC : 4 ~ 300 | AC : 10 ~ 300 ; DC : 4 ~ 500 |
| Initial/Crater/Pulse Current Range | A | AC : 10 ~ 300 ; DC : 4 ~ 300 | AC : 10 ~ 300 ; DC : 4 ~ 500 |
| Up Slope / Down Slope Time | Sec | 0.1 ~ 5 | 0.1 ~ 5 |
| Gas Post Flow Time | Sec | 0.1 ~ 25 | 0.1 ~ 25 |
| Open Circuit Voltage (AC/DC) | V | 67 | 67 |
| Pulse Frequency | Hz | Low : 0.5 ~ 15 ; Middle : 15 ~ 500 | Low : 0.5 ~ 15 ; Middle : 15 ~ 500 |
| Duty Cycle | % | 50 | 40 |
| Weight | Kg | 54 | 62 |
| Dimension (LxWxH) | mm | 770 x 350 x 604 | 770 x 350 x 604 |

OPTIONAL ACCESSORIES

FOOT SWITCH
P/N : 001 603 900



WCS 33 Water Cooler
P/N : 3 033 603 910



*) Complete with TIG torch set, gas hose set, argon regulator, earth clamp set, plus kit set
**) Complete with TIG torch set, gas hose set, argon regulator, earth clamp set, hose (toyoron set), remote control set, plus kit set



● Light Industrial

CUTS :

- Mid Steel
- Zinc Coated Steel
- Stainless Steel
- Copper
- Aluminium
- Brass

TYPICAL USAGE :

- Tool / Die Repair
- Vessel / Tank
- Boiler Fabrication
- Maintenance
- Automative
- Fabrication

ACCESSORIES :

- Plasma Torch Set
- Earth Clamp
- Air Regulator Filter Set

IPS 56
P/N : 3 056 500 130



IPS 56

| | | |
|---------------------------|----------|------------------|
| Primary Supply | 50/60 Hz | AC230V, +15%-20% |
| Rated Input | (1ph V) | 12 |
| Rated Duty Cycle (10mins) | % | 50 |
| Rated Output Current | A | 10 - 55 |
| No Load O.C.V. | VDC | 260 |
| Weight | kg | 14.2 |
| Dimension (L x W x H) | mm | 225 x 430 x 300 |

CUTS :

- Mild Steel
- Stainless Steel
- Zinc coated steel
- Aluminium
- Brass
- Copper

TYPICAL USAGE :

- Tool / Die repair
- Vessel / Tank boiler fabrication
- Automative
- Maintenance
- Fabrication

GOLDCUT PS 60
P/N : 3 060 500 930

● Medium Industrial



GOLDCUT PS 100
P/N : 3 100 500 930

● Heavy Industrial



PS 60

PS 100

| | | | |
|--------------------------|-----------|---------------------------------|---------------------------------|
| Input Voltage | | 380V (3-Phase) 50/60 Hz | 380V (3-Phase) 50/60 Hz |
| Input Current | A | 23.5 | 39.5 |
| Input Power | KVA | 15.5 | 26 |
| Output Current | A | 25, 40, 60 (3 steps) | 40, 65, 100 (3 step) |
| Output Voltage | Vdc | 140 | 145 |
| Duty Cycle | % | 60 | 60 |
| Recommended Air Pressure | bar / PSI | 5.0 ~ 5.5 (bar) / 72 ~ 80 (PSI) | 5.0 ~ 5.5 (bar) / 72 ~ 80 (PSI) |
| Air Flow | Scfh | 240 | 240 |
| Max. Cut | mm | Steel: 25, SS: 18, All: 18 | Steel: 40, SS: 35, All: 35 |
| Good Cut | mm | Steel: 18, SS: 8, All: 8 | Steel: 35, SS: 30, All: 30 |
| Weight | Kg | 98.5 | 162.8 |
| Dimension (L x W x H) | mm | 720 x 470 x 890 | 600 x 407 x 943 |



● Light Industrial

WELDS :

- Proses Welding
- Resistance Spot Welding

ADVANTAGES OF WIM :

- Easy to use control with function selection electronic timer.
- New front cable & panel fixed force air cooled cables for increased cable life.
- Single sided spot welding.
- 2 years limited warranty.

MINI SPOT 2.5
P/N : 3 002 400 910



MC 8
P/N : 3 008 400 910



MC 8 Accessories :



MINISPOT

MC 8

| | | | |
|-------------------|-----|-------------------------|-------------------------|
| Input Voltage | | 220V (10Phase) 50/60 Hz | 220V (10Phase) 50/60 Hz |
| Rated Capacity | KVA | 2.5 | 8 |
| Duty Cycle | % | 50 | 50 |
| Tong Length | mm | 152.4 | |
| Matrial Thickness | mm | 0.5 + 0.5 | 1.0 + 1.0 |
| Weight | Kg | 11.5 | 36.5 |
| Dimension (LxWxH) | mm | 330.2 x 152.4 x 114.3 | 380 x 273 x 373 |

WELDS :

- Proses Welding
- 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

MC 15
P/N : 3 015 400 920

● Medium Industrial

MC 25
P/N : 3 025 400 920

● Heavy Industrial

PMC 25
P/N : 3 025 470 920

● Medium Industrial

● Heavy Industrial



MC 15

MC 25

PMC 25

| | | | | |
|---------------------------|-------|---------------------------------|---------------------------------|---------------------------------|
| Input Voltage | | 220V/380V (1or2-Phase) 50/60 Hz | 220V/380V (1or2-Phase) 50/60 Hz | 220V/380V (1or2-Phase) 50/60 Hz |
| Rated Capacity | KVA | 15 | 25 | 25 |
| Output Current (Max) | A | 7500 | 12000 | 12000 |
| No Load Voltage | Vac | 2.7 | 3 | 3 |
| Duty Cycle | % | 50 | 50 | 50 |
| Dimension of Troath | mm | Depth: 300 ; Opening: 150 | Depth: 330 ; Length: 150 | Depth: 330 ; Length: 150 |
| Tip Holder | mm | Diameter: 22 ; Length: 153 | Diameter: 22 ; Length: 25 | Diameter: 22 ; Length: 25 |
| Tip | mm | Diameter: 16 ; Taper: 1/5 | Diameter: 16 ; Taper: 1/5 | Diameter: 16 ; Taper: 1/5 |
| Maximum Electrode Force | Kg | 180 | 320 | 420 |
| Quantity of Cooling Water | L/min | 6 | 6 | 6 |
| Max. Matrial Thickness | mm | 1.5 + 1.5 | 2.5 + 2.5 | 2.5 + 2.5 |
| Weight | Kg | 118 | 158 | 166 |
| Dimension (LxWxH) | mm | 750 x 335 x 1190 | 830 x 375 x 1190 | 830 x 375 x 1190 |
| | | Mechanical Control | Mechanical Control | Pneumatic Control |



- Medium Industrial
- Heavy Industrial

WELDS :

- Proses Welding
- Resistance Spot Welding

ADVANTAGES OF WIM :

- Good working performance through thyristor controlled circuit eliminating contractors.
- Long serviceable life.
- Power saving through 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

JPC 35
P/N : 3 035 477 920

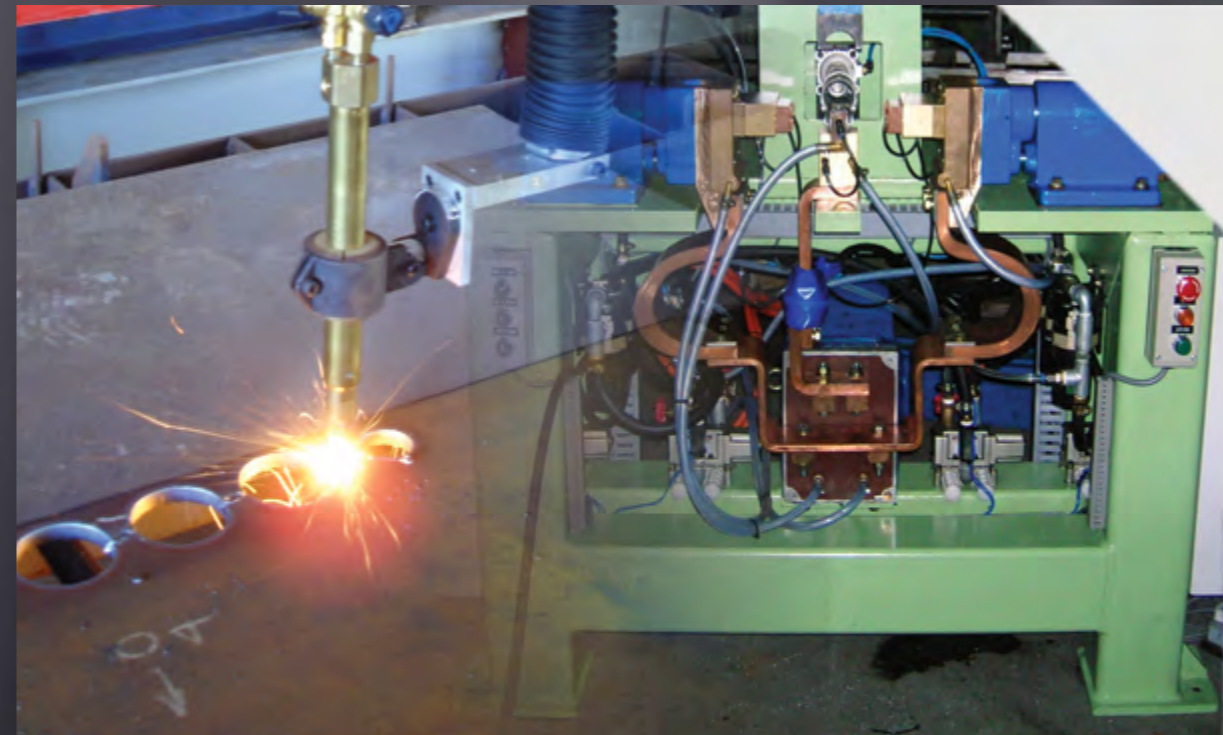
JPC 50
P/N : 3 050 477 920

JPC 75
P/N : 3 075 477 920

JPC 100
P/N : 3 100 477 920



| | | JPC 35 | JPC 50 | JPC 75 | JPC 100 |
|------------------------|-------|----------------------------|----------------------------|----------------------------|----------------------------|
| Input Voltage | | 380V (2-Phase) 50/60Hz | 380V (2-Phase) 50/60Hz | 380V (2-Phase) 50/60Hz | 380V (2-Phase) 50/60Hz |
| Rated Capacity | KVA | 35 | 50 | 75 | 100 |
| SPOT : | | | | | |
| Output Current (Max) | A | 14000 | 16000 | 25000 | 30000 |
| Duty Cycle | % | 8.5 | 8.5 | 8.5 | 12 |
| Dimensions of Troath | mm | Depth: 600 ; Opening : 170 | Depth: 600 ; Opening : 170 | Depth: 600 ; Opening : 200 | Depth: 600 ; Opening : 200 |
| Upper Tip Holder | mm | Diameter: 22 ; Length: 250 | Diameter: 22 ; Length: 250 | Diameter: 22 ; Length: 250 | Diameter: 22 ; Length: 250 |
| Lower Tip Holder | mm | Diameter: 22 ; Length: 150 | Diameter: 22 ; Length: 150 | Diameter: 22 ; Length: 150 | Diameter: 22 ; Length: 250 |
| Tip | mm | Diameter: 16 ; Taper: 1/5 | Diameter: 16 ; Taper: 1/5 | Diameter: 16 ; Taper: 1/5 | Diameter: 16 ; Taper: 1/5 |
| PROJECTION : | | | | | |
| Output Current (Max) | A | 16000 | 19000 | 27000 | |
| Duty Cycle | % | 7.5 | 6.0 | 6.0 | |
| Dimensions of Troath | mm | Depth: 410 ; Opening: 170 | Depth: 410 ; Opening: 170 | Depth: 410 ; Opening: 200 | Depth: 410 ; Opening: 200 |
| Max. Electrode Force | Kg | 500 | 500 | 1000 | 1000 |
| Cooling Water | L/min | 6 | 8 | 12.7 | 12.7 |
| Max. Matrial Thickness | mm | 3.5 + 3.5 | 5.0 + 5.0 | 7.5 + 7.5 | 10 + 10 |
| Weight | Kg | 310 | 330 | 380 | 400 |
| Dimension (L x W x H) | mm | 1170 x 690 x 1910 | 1170 x 690 x 1910 | 1390 x 820 x 1980 | 1390 x 820 x 1980 |



SOLUSI UNTUK KEBUTUHAN ANDA



The new KUKA KR 5 arc rounds off the range of KUKA robots at the lower end. Its payload of 5 kg makes it outstandingly well-suited to standard arc welding tasks. With its attractive price and compact dimensions, it is the ideal choice for your application too. Whether mounted on the floor or inverted overhead, the KR 5 arc always performs its tasks reliably.



ADVANTAGES OF WIM

- Meeting your width & length requirement
- Torch system(s) configured to your needs
- System Installation
- Operator Training
- Technical Support
- System Warranty



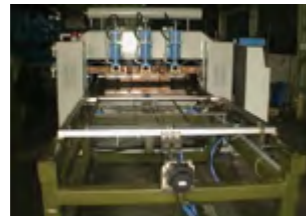
4 Cylinders Auto Multi Spot System



10 Cylinders Auto Multi Spot Welder



12 Cylinders Spot System



Wire Mesh Spot System with Servomotor Positioning



12 Cylinders Auto Multi Spot Welder



Pressure Tank Auto MIG Welding



Absorber Bracket Spot



10 Cylinders Auto Multi Spot Welder



12 Gun Multi Spot



Car Seat Multi Spot



10 Cylinders Auto Multi Spot Welder



Auto Turn Table with Clamping Jig for Plasma TIG Welding System



Servo Positioning Wire Mesh Multi Spot System



10 Cylinders Auto Multi Spot Welder

All WIM Automation Machine can be design specially to solve any welding problem that can't be done by standard welding machine. WIM help you to increase your productivity.



MULTI-OPERATOR

Multi Operator welding is a process that allows several welders to work at different site at the same time. The concept is to provide a single stationary welding power source that is able to provide up to 12 welding operators. This power source is very often being used at different environments such as construction site; in/out door fabrication; pipe line construction; and ship building.

The investment for this welding process per welder is relatively low and the main power source is limited to just one area. With one stationary power source the cost of maintenance will be definitely lower than 12 power source. The amperage regulators that attach to the power source is relatively easy to use and maintain. The WIM Weldmaster 2000 will come with 6 regulators and Weldmaster 3000 will come with 12 regulators respectively.



WELDMASTER 1250 / 2500

● Heavy Industrial

WELDS :

- Steel
- Stainless Steel
- Aluminium
- Copper
- Brass
- Titanium
- Casting

TYPICAL USAGE :

- Fabrication
- Construction
- Ship Building
- Pipe



Optional Welding Accessories :



PWF500 External for MIG Wire Feeder (CC / CV)
P/N : 3 500 602 920



DC500HF High for TIG Frequency Module (CC)



MMA WELDING



MIG WELDING



TIG WELDING

TECHNICAL CHARACTERISTICS

WELD MASTER 1250

WELD MASTER 2500

| | | | |
|----------------------------|-----|--------------------|--------------------|
| Rated Input Voltage | | 380/415 | 380/415 |
| Rated Frequency | V | 50/60 | 50/60 |
| No. of Phase | Hz | Three Phase | Three Phase |
| Rated Input Power | | 80 | 160 |
| Rated Input Current | KVA | 105 | 210 |
| Rated Duty Cycle 60% | A | 1600 | 3200 |
| Rated Duty Cycle 100% | A | 1250 | 2500 |
| No Load Voltage | A | 55 VDC | 55 VDC |
| No Load Power | W | 570 | 1140 |
| Current Setting | A | 20-500A | 20-500A |
| Power Factor | | 0.92 | 0.92 |
| Maximum Efficiency | % | 93 | 93 |
| External Dimension (WxLxH) | MM | 1000 x 3050 x 2175 | 1585 x 3050 x 2175 |
| Weight | kg | 940 | 1850 |
| Width | mm | 864 | 1760 |
| Length | mm | 3050 | 3050 |
| Height | mm | 1900 | 1900 |

* Please note that the specification may vary within each country. Specification are subjected to change without notice.

ALPHAWELD 500D

ALPHAWELD 500D
P/N : 3 500 100 001



WELDS :

- Steel
- Stainless Steel
- Aluminium
- Cooper
- Brass
- Titanium
- Casting

TYPICAL USAGE :

- Fabrication
- Construction
- Ship Building
- Pipe

Optional Accessories :

- SMAW
 - Earth Clamp Set
 - Electrode Holder Set
- GMAW
 - MIG Feeder
 - PWF External Wire Feeder
- GTAW
 - Scratch Art Set
 - High Frequency Module
 - Water Cooling System

TECHNICAL SPECIFICATION

| Product Name | Rated Output Current/Voltage/Duty Cycle | Output Range | Type of Engine | Generator output KVA | No. of Cyl | HP & Speed (rpm) | Dimension H x W x D (mm) | Net Weight (kg) |
|-----------------|---|------------------------|----------------------|----------------------|------------|------------------|--------------------------|-----------------|
| ALPHA WELD 500D | 400A/36V/100% 500A/40V/50% | 5-500A CC 15-48V CV | Deutz F3L-912 Diesel | 30 KVA | 3 | 44@ 1500 | 1380 x 860 x 1710 | 910 |

This is the most rugged and reliable welding machine that we had ever build for heavy industrial use. Every component in this machine is engineered and built to ensure ultimate reliability in the most punishing condition. Engine drive is considered the best heavy duty machine all round and its generator fuel consumption is lower compare to other conventional source.

* Please note that the specification may vary within each country. Specification are subjected to change without notice.



SUBMERGED ARC SAW Power 1250DC

WELDS :

- Steel
- Stainless Steel

TYPICAL USAGE :

- Oil & Gas Industry
- Pipe Welding
- Ship Building
- Heavy Fabrication
- Rail Road
- Pressure Vessel Fabrication

Standard Accessories

- Wire Feed Roller 3 - 4r
- Wire Feed Roller 4.2 -
- Contact Tip 3.2 mm
- Contact Tip 4.0 mm
- 95mm² Welding Cable
- 3V Laser LED
- Welding Tractor Track



SAW 1250 DC
P/N : 3 125 125 000



TECHNICAL SPECIFICATION

DC Series Thyristor Total Digital Automatic Submerged Arc Welding

| Item/model | DC-1250 |
|--|------------------|
| Rated input voltage (V) | 3 380/415 |
| Frequency (Hz) | 50 |
| Rated input capacity (KVA) | 93 |
| No-load voltage (V) | 72 |
| Adjustable range of current (A) | 200-1250 |
| Rated duty cycle (%) | 60% |
| Diameter of applicable welding wire (mm) | Ø2-Ø6 |
| Insulation level | H |
| Outline dimension of power unit (mm) | 1000 x 610 x 880 |
| Weight of power unit (kg) | 420 |
| Weight of welding tractor (kg) | 40 |

* Please note that the specification may vary within each country. Specification are subjected to change without notice.



For AC/DC Arc Welder / SMAW



| TYPE | DESCRIPTION |
|--|--|
| ACCS-ES1200-A (for ES1200) 3 012 601 900 | Arc Accessories for ES 1200 1 x 2.5m welding cable & electrode holder 1 x 2.5m welding cable with earth clamp |
| ACCS ESIT1600/2000-A (for ES 1600/ES 2000) (for IT 1600/ES 2000) 3 016 601 900 | Arc Accessories for ES 1600 & IT 1600, ES 2000 1 x 2.5m welding cable & electrode holder 1 x 2.5m welding cable with earth clamp |
| ACCS-ES1200-T (for ES 1200) 3 012 603 900 | TIG Accessories for Inverter ES 1200, ES 1600 & IT 1600 1 x 4m TIG torch set (WP-17V) |
| ACCS ESIT1600/2000-T (for ES 1600/ES 2000) (for IT 1600/ES 2000) 3 016 603 900 | 1 x 2.5m welding cable with earth clamp 1 x argon regulator |

MIG Welder / GMAW

MIG Welder / GMAW

MB 15 AK



MB 24 KD

WIM machine compatibility:

- MIGWELD 188, MIG 210S

| | |
|---------|--|
| Cooling | : Air Cooled |
| Rating | : 180A CO2 |
| | 150 A Mixed gases M 21 according to DIN EN 439 |
| | 60% Duty cycle |
| Wire Ø | : 0.6 - 1.0 mm |

- Optimum torch cooling - high endurance
- Ergonomically designed handle system - optimum handling in every position
- Light and highly flexible cable assembly, makes low-fatigue possible
- Robust construction for durability and extended torch life

WIM machine compatibility:

- MIGWELD 280S, 280SEF, 273-1

- Optimum torch cooling - high endurance
- Ergonomically designed handle system - optimum handling in every position
- Light and highly flexible cable assembly, makes low-fatigue possible
- Robust construction for durability and extended torch life

| | |
|---------|--|
| Cooling | : Air Cooled |
| Rating | : 250 A CO2 |
| | 220 A Mixed gases M 21 according to DIN EN 439 |
| | 35% Duty cycle |
| Wire Ø | : 0.8 - 1.2 mm |

| POS | BUILD GROUP | DESCRIPTION | UNIT | PART NUMBER | BINZEL PART NO. |
|-----|-------------|---|------|---------------|-----------------|
| | MIG gun | MB 15 AK, 3 meter long, 50 degree bent | 1 | 3 199 153 502 | 002 D504 |
| | | MB 15 AK, 4 meter long, 50 degree bent | 1 | 3 199 154 502 | 002 D505 |
| | | MB 15 AK, 5 meter long, 50 degree bent | 1 | 3 199 155 502 | 002 D506 |
| 2 | Torch | Swan neck MB 15AK | 1 | 3 100 155 002 | 002 0009 |
| 6 | | Nozzle Spring | 1 | 3 100 058 002 | 002 0058 |
| 5 | | Gas Nozzle Holder | 1 | 3 130 012 152 | 002 0078 |
| | | Central Plug KZ-2 | 1 | 3 100 501 002 | 501.0003 |
| 7 | Wear Parts | Handle (L) | 1 | 3 100 180 002 | 180 D054 |
| 1 | | Trigger Switch, short | 1 | 3 100 100 242 | 185 D074 |
| 3 | | Gas Nozzle Conical | 1 | 3 130 001 152 | 145.0107 |
| 4 | | Contact tip M6 E-Cu; Ø0.6 | 1 | 3 160 060 062 | 140.0008 |
| 4 | | Contact tip M6 E-Cu; Ø0.8 | 1 | 3 160 080 062 | 140.0059 |
| 4 | | Contact tip M6 E-Cu; Ø1.01 0RPM-TC103.160 | 1 | 3 160 100 062 | 140.0253 |
| 8 | | Steel liner Insulated 1.5/4.5, WireØ0.6-0.8mm , 3 m | 1 | 3 124 153 153 | 124.0011 |
| 8 | | Steel liner Insulated 1.5/4.5, WireØ0.6-0.8mm , 4 m | 1 | 3 124 153 154 | 124.0012 |
| 8 | | Steel liner Insulated 1.5/4.5, WireØ0.6-0.8mm , 5 m | 1 | 3 124 153 155 | 124.0015 |

| POS | BUILD GROUP | DESCRIPTION | UNIT | PART NUMBER | BINZEL PART NO. |
|-----|-------------|---|------|---------------|-----------------|
| | MIG gun | MB 24 KD, 3 meter long, 50 degree bent | 1 | 3 199 243 502 | 012.D092 |
| | | MB 24 KD, 4 meter long, 50 degree bent | 1 | 3 199 244 502 | 012.D093 |
| | | MB 24 KD, 5 meter long, 50 degree bent | 1 | 3 199 245 502 | 012.D094 |
| 2 | Torch | Swan neck MB 24 KD | 1 | 3 100 245 002 | 012.0001 |
| | | Central Plug KZ2 | 1 | 3 100 501 002 | 501.0003 |
| 7 | Wear Parts | Handle (L) | 1 | 3 100 180 002 | 180.D054 |
| 1 | | Trigger switch, short | 1 | 3 100 100 242 | 185.D074 |
| 6 | | Gas diffuser (white) | 1 | 3 100 600 102 | 012.0183 |
| 4 | | Tip Holder M6; 26.0mm | 1 | 3 160 124 262 | 142.0003 |
| 5 | | Contact tip M6 E-Cu; Ø0.8 | 1 | 3 240 080 062 | 140.0051 |
| 5 | | Contact tip M6 E-Cu; Ø1.0 | 1 | 3 240 100 062 | 140.0242 |
| 5 | | Contact tip M6 E-Cu; Ø1.2 | 1 | 3 240 120 062 | 140.0379 |
| 3 | | Gas nozzle, conical NW Ø 12.5 | 1 | 3 124 001 162 | 145.0080 |
| 9 | | Steel liner insulated 2.0/4.5, WireØ1.0-1.2mm , 3 m | 1 | 3 124 153 243 | 124.D026 |
| 9 | | Steel liner insulated 2.0/4.5, WireØ1.0-1.2mm , 4 m | 1 | 3 124 153 244 | 124.D031 |
| 9 | | Steel liner insulated 2.0/4.5, WireØ1.0-1.2mm , 5 m | 1 | 3 124 153 245 | 124.D035 |
| 8 | | Teflon Core Liner 1.5/4.0, WireØ0.8-1.0mm , 3 m | 1 | 3 121 028 003 | 126.0005 |
| 8 | | Teflon Core Liner 1.5/4.0, WireØ0.8-1.0mm , 5 m | 1 | 3 121 028 005 | 126.0011 |
| 8 | | Teflon Core Liner 2.0/4.0, WireØ1.0-1.2mm , 3 m | 1 | 3 122 028 003 | 126.0021 |
| 8 | | Teflon Core Liner 2.0/4.0, WireØ1.0-1.2mm , 5 m | 1 | 3 122 028 005 | 126.0028 |

MIG Welder / GMAW

ABIMIG GRIP 305 LW AIR COOLER

| | | |
|--------------------------|---------------------------|-------------------------------|
| Technical Data : Cooling | : Air Cooled | WIM machine compatibility: |
| Rating | : 315 A / 270 A CO2 | • MIG 350SEF, TA350i, IMG 350 |
| | 300 A / 240 A Mixed Gases | |
| Duty cycle | : 35% / 60% | |
| Wire size | : 0.8 - 1.2 mm | |

- Low Weight Bikox® - up to 50% weight saving
- Ergonomic short handle with "GRIP" soft components on the handle, thumb rest and ball joint - guarantees optimal handling in all positions
- Screw-on gas nozzle with thermoprotective insulation - extending torch life
- Function integrated tip holder (gas diffuser, gas nozzle holder and contact tip holder in one piece) - reduces stock requirements
- Laminar gas feed - excellent gas coverage for best welding results
- Changeable gas nozzle seat - "extends" operating cycle of the torch neck and reduces maintenance costs
- Electrically insulated liner and connection nut (on the central adaptor) - enables exact setting of the arc parameters and therefore repeatability of welding results



| POS | BUILD GROUP | DESCRIPTION | UNIT | PART NUMBER | BINZEL PART NO. |
|-----|----------------|--|------|---------------|-----------------|
| | ABIMIG GRIP | A305 LW, Central Adaptor KZ:3m | 1 | 3 199 305 LW3 | 767.D660.1 |
| | | A305 LW, Central Adaptor KZ:4m | 1 | 3.199 305 LW4 | 767.D661.1 |
| | | A305 LW, Central Adaptor KZ:5m | 1 | 3.199 305 LW5 | 767.D662.1 |
| 5 | Swan Neck | Swan neck ABIMIG GRIP A 305 45* bent | 1 | 3 100 305 0LW | 767.D663.1 |
| 1 | | Spacer | 1 | 3 101 000 0LW | 767.D668.5 |
| 6 | Handle GRIP | Handle GRIP with trigger cpl. | 1 | 3 100 305 0LW | 180.0127 |
| 7 | | Trigger 2-pole GRIP | 1 | 3 101 010 0LW | 185.0101 |
| 10 | Cable assembly | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8 - 1.0; for 3.00 m | 1 | 3 121 028 003 | 126.0005 |
| 10 | | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8 - 1.0; for 3.00 m | 1 | 3 124 015 400 | 127.0002 |
| 10 | | PTFE carbon core liner 2.0/4.0; wire electrode Ø 1.0 - 1.2; for 3.00 m | 1 | 3 124 020 400 | 127.0005 |
| 2 | Wear parts | Contact tip holder M16/M8/52 US | 1 | 3 150 016 008 | 014.D745.5 |
| 3 | | Contact tip M8 E-Cu; Ø 1.0 (10x30) | 1 | 3 160 010 082 | 140.0313 |
| 3 | | Contact tip M8 E-Cu; Ø 1.2 (10x30) | 1 | 3 160 120 082 | 140.0442 |
| 3 | | Contact tip M8 CuCrZr; Ø 1.0 (10x30) | 1 | 3 160 010 092 | 140.0316 |
| 3 | | Contact tip M8 CuCrZr; Ø 1.2 (10x30) | 1 | 3 160 120 092 | 140.0445 |
| 3 | | Contact tip M8 E-Cu; Ø 1.0 for alu wire (10x30) | 1 | 3 160 010 072 | 141.0008 |
| 3 | | Contact tip M8 E-Cu; Ø 1.2 for alu wire (10x30) | 1 | 3 160 120 072 | 141.0015 |
| 3 | | Contact tip M8 CuCrZr silver-plated ; Ø 1.0 (10x30) | 1 | 3 160 010 062 | 147.0316 |
| 3 | | Contact tip M8 CuCrZr silver-plated ; Ø 1.2 (10x30) | 1 | 3 160 120 062 | 147.0445 |
| 4 | | Gas nozzle M16; ND 16 galvanized; short | 1 | 3 130 016 009 | 145.D022 |
| 9 | | Steel Liner Insulated 2.0/4.5, Wire Ø1.0-1.2 , 3m | 1 | 3 124 153 243 | 124.0026 |
| 10 | | Teflon Core Liner 2.0/4.0, Wire Ø1.0-1.2mm, 3m | 1 | 3 122 028 003 | 126.0021 |
| 10 | | Teflon Core Liner 2.7/4.7, Wire Ø 1.6mm , 3 m | 1 | 3 122 027 003 | 126.0039 |

MIG Welder / GMAW

ABIMIG GRIP 355 LW AIR COOLER

- Low Weight Bikox® - up to 50% weight saving
- Ergonomic handle with ball joint - guarantees optimal handling in all positions
- Function integrated tip holder - reduces stock requirements
- Reduces maintenance costs

| | | |
|------------------|--------------------------|------------------------------|
| Technical Data : | | WIM machine compatibility: |
| Cooling | : Air Cooled | • MIG500SEF, TA500i, IMG 500 |
| Rating | : 350 A / 300 A CO2 | |
| | 320A / 270 A Mixed Gases | |
| Duty cycle | : 35% / 60% | |
| Wire size | : 1.0 - 1.6 mm | |



| POS | BUILD GROUP | DESCRIPTION | UNIT | PART NUMBER | BINZEL PART NO. |
|-----|----------------|---|------|---------------|-----------------|
| | ABIMIG GRIP | A355 LW, Central Adaptor KZ:3m | 1 | 3 199 355 LW3 | 767.D690.1 |
| | | A355 LW, Central Adaptor KZ:4m | 1 | 3 199 355 LW4 | 767.D691.1 |
| | | A355 LW, Central Adaptor KZ:5m | 1 | 3 199 355 LW5 | 767.D692.1 |
| 5 | Swan Neck | Swan neck ABIMIG GRIP A 355 45* bent | 1 | 3 100 355 0LW | 767.D693.1 |
| 1 | | Spacer | 1 | 3 101 000 0LW | 767.D668.5 |
| 6 | Handle GRIP | Handle GRIP with trigger cpl. | 1 | 3 100 305 0LW | 180.0127 |
| 7 | | Trigger 2-pole GRIP | 1 | 3 101 010 0LW | 185.0101 |
| 9 | Cable assembly | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0 - 1.2; for 4.00 m | 1 | 3 124 153 244 | 124.0031 |
| 9 | | Guide spiral liner insulated; 2.5/4.5; yellow; for wire Ø 1.4 - 1.6; for 3.00 m | 1 | 3 103 124 452 | 124.0041 |
| 9 | | Guide spiral liner insulated; 2.5/4.5; yellow; for wire Ø 1.4 - 1.6; for 4.00 m | 1 | 3 104 124 452 | 124.0042 |
| 10 | | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8 - 1.0; for 3.00 m | 1 | 3 124 015 400 | 127.0002 |
| 10 | | PTFE carbon core liner 2.0/4.0; wire electrode Ø 1.0 - 1.2; for 3.00 m | 1 | 3 124 020 400 | 127.0005 |
| 10 | | PTFE carbon core liner 2.7/4.7; wire electrode Ø 1.6; for 3.00 m | 1 | 3 124 027 470 | 127.0010 |
| 2 | Wear parts | Contact tip holder M16/M8/52 US | 1 | 3 150 016 008 | 014.D745.5 |
| 3 | | Contact tip M8 E-Cu; Ø 0.8 (10x30) | 1 | 3 160 080 082 | 140.0114 |
| 3 | | Contact tip M8 E-Cu; Ø 1.0 (10x30) | 1 | 3 160 100 082 | 140.0313 |
| 3 | | Contact tip M8 E-Cu; Ø 1.2 (10x30) | 1 | 3 160 120 082 | 140.0442 |
| 3 | | Contact tip M8 E-Cu; Ø 1.6 (10x30) | 1 | 3 160 160 002 | 140.0587 |
| 3 | | Contact tip M8 E-Cu; Ø 1.2 for alu wire (10x30) | 1 | 3 160 120 072 | 141.0015 |
| 3 | | Contact tip M8 E-Cu; Ø 1.6 for alu wire (10x30) | 1 | 3 160 160 072 | 141.0022 |
| 3 | | Contact tip M8 CuCrZr silver-plated ; Ø 1.2 (10x30) | 1 | 3 160 120 062 | 147.0445 |
| 3 | | Contact tip M8 CuCrZr silver-plated ; Ø 1.6 (10x30) | 1 | 3 160 160 062 | 147.0590 |
| 3 | | Guide spiral liner insulated; 1.5/4.5; blue; for wire Ø 0.6 - 0.8; for 3.00 m | 1 | 3 124 153 153 | 124.0011 |
| 3 | | Guide spiral liner insulated; 1.5/4.5; blue; for wire Ø 0.6 - 0.8; for 4.00 m | 1 | 3 124 153 154 | 124.0012 |
| 4 | | Gas nozzle M16; ND 16 galvanized; short | 1 | 3 130 016 009 | 145.D022 |
| 9 | | Steel Liner Insulated 2.0/4.5, Wire Ø1.0-1.2 , 3m | 1 | 3 124 153 243 | 124.0026 |
| 9 | | Steel Liner Insulated 2.0/4.5, Wire Ø1.0-1.2 , 4m | 1 | 3 124 153 244 | 124.D031 |
| 9 | | Steel Liner Insulated 2.0/4.5, Wire Ø1.0-1.2 , 5m | 1 | 3 124 153 245 | 124.D035 |
| 10 | | Teflon Core Liner 2.0/4.0, Wire Ø1.0-1.2mm, 3m | 1 | 3 122 028 003 | 126.0021 |
| 10 | | Teflon Core Liner 2.7/4.7, Wire Ø 1.6mm , 3 m | 1 | 3 122 027 003 | 126.0039 |
| 10 | | Teflon Core Liner 2.7/4.7, Wire Ø 1.6mm , 5 m | 1 | 3 122 027 005 | 126.0045 |

MIG Welder / GMAW

PUSH-PULL TORCH AIR COOLER



3 199 223 592 PULL - PUSH TORCH (Air Cooled)
Other Accessories Same With MB 24 KD

MIG WIRE FEED ROLER

MIG WIRE FEED ROLER

| | |
|---------------|---|
| 3 180 810 32V | Feed Roller 0.8/1.0 mm "V" for Migweld 210 |
| 3 180 812 32U | Feed Roller 0.8/1.2 mm "U" for Migweld 210 |
| 3 181 012 32U | Feed Roller 1.0/1.2 mm "U" for Migweld 210 |
| 3 181 012 32V | Feed Roller 1.0/1.2 mm "V" for Migweld 210 |
| 3 180 810 42U | Feed Roller 0.8/1.0 mm "U" for Migweld 280 ~ 420 |
| 3 180 810 42V | Feed Roller 0.8/1.0 mm "V" for Migweld 280 ~ 420 |
| 3 180 812 42V | Feed Roller 0.8/1.2 mm "V" for Migweld 280 ~ 420 |
| 3 181 012 42U | Feed Roller 1.0/1.2 mm "U" for Migweld 280 ~ 420 |
| 3 181 012 42V | Feed Roller 1.0/1.2 mm "V" for Migweld 280 ~ 420 |
| 3 180 810 52V | Feed Roller 0.8/1.0 mm "V" for TA 350A/TA 500 / migweld S series |
| 3 181 012 52U | Feed Roller 1.0/1.2 mm "U" for TA 350A/TA 500 / migweld S series |
| 3 181 012 52V | Feed Roller 0.8/1.2 mm "V" for TA 350A/TA 500 / migweld S series |
| 3 181 016 52U | Feed Roller 1.0/1.6 mm "U" for TA 350A/TA 500 / migweld S series |
| 3 181 216 52V | Feed Roller 1.2/1.6 mm "V" for TA 350A/TA 500 / migweld S series |
| 3 181 216 42X | Feed Roller 1.2/1.6 mm Fluxcore for TA 350A/TA 500/migweld series |



TIG Welder

TIG TORCH



| POS | PART NUMBER | DESCRIPTION |
|-----|---------------|---|
| | 3 199 172 523 | Tig Torch WP 17 |
| | 3 199 160 302 | Tig Torch WP 26 |
| | 3 199 300 303 | Tig Torch WP 18 |
| | 3.180.603.900 | Tig Torch Set for ITG 180A |
| | 3.222.603.900 | Tig Torch Set for ITG 222P |
| | 3 199 300 303 | Tig Torch Set for TG 301P/ ITG 300P/ 500P AC.DC |
| 1 | 3 120 010 03C | Collet Ø 1 mm (10N22) |
| 1 | 3 120 016 03C | Collet Ø 1.6 mm (10N23) |
| 1 | 3 120 024 03C | Collet Ø 2.4 mm (10N24) |
| 1 | 3 120 032 03C | Collet Ø 3.2 mm (10N25) |
| 2 | 3 120 010 03B | Collet body Ø 1.0 mm (10N30) |
| 2 | 3 120 016 03B | Collet body Ø 1.6 mm (10N31) |
| 2 | 3 120 024 03B | Collet body Ø 2.4 mm (10N32) |
| 2 | 3 120 032 03B | Collet body Ø 3.2 mm (10N28) |
| 3 | 3 130 150 063 | Ceramic Nozzle no 4 (10N50) |
| 3 | 3 130 150 083 | Ceramic Nozzle no 5 (10N49) |
| 3 | 3 130 148 093 | Ceramic Nozzle no 6 (10N48) |
| 3 | 3 130 147 103 | Ceramic Nozzle no 7 (10N47) |
| 3 | 3 130 146 123 | Ceramic Nozzle no 8 (10N46) |
| 4 | 3 100 050 743 | Long Back Cap |
| 5 | 3 100 025 743 | Short Back Cap |

TUNGSTEN ELECTRODE

WT 20, 2% Thoria



| | |
|---------------|----------------------------|
| 3 110 150 016 | Tunsten Electrode Ø 1.6 mm |
| 4 110 150 024 | Tunsten Electrode Ø 2.4 mm |
| 5 110 150 032 | Tunsten Electrode Ø 3.2 mm |

Gold Plus for AC/ DC Welding



| | |
|---------------|---------------------------------------|
| 3 150 000 116 | Gold Plus Tungsten Electrode Ø 1.6 mm |
| 3 150 000 124 | Gold Plus Tungsten Electrode Ø 2.4 mm |
| 3 150 000 132 | Gold Plus Tungsten Electrode Ø 3.2 mm |

Plasma Cutting

ABIPLAS 70 AIR COOLED



| | |
|------------------|-------------------------|
| Technical Data | : |
| Cooling | : Air Cooled |
| Rating | : 70A at 60% Duty Cycle |
| Gas Supply | : Compressed air |
| Air Pressure | : 4.8 – 7.0 bar |
| Working Pressure | : 5.5 bar |
| Air Volume | : 155 L/Min at 5.5 bar |

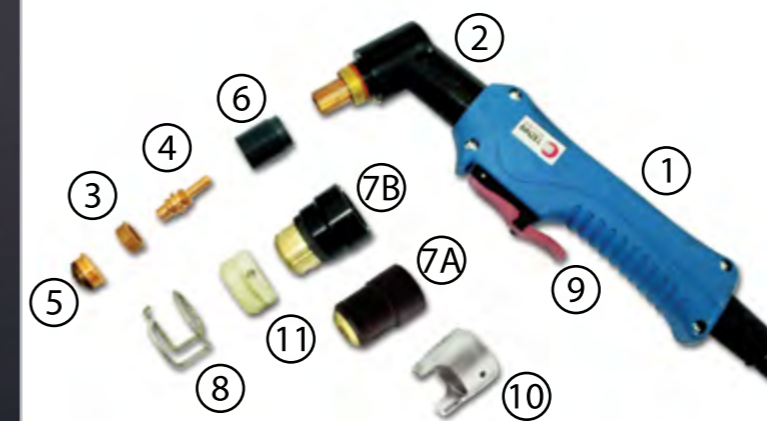
| |
|----------------------------|
| WIM machine compatibility: |
| • IPS 56, P561 |

- Robust design and optimum cooling guarantee long life of torch and consumables
- Handle with extended trigger for increased distance between plasma jet and hand, thus safer and fatigue-free working
- Quickly exchangeable consumables (including insulator)
- Large range of consumables, equipment and accessories

| POS | BUILD GROUP | DESCRIPTION | UNIT | PART NUMBER | Binzel Part No. |
|-----|-------------|--|------|---------------|-----------------|
| | Torch | Abiplas Cut 70, 6m | 1 | 3 199 706 004 | 742.D040 |
| 8 | | Torch body | 1 | 3 170 777 004 | 742.D022 |
| 9 | | Handle, complete | 1 | 3 177 110 004 | 745.D046 |
| 10 | | Trigger switch | 1 | 3 117 111 004 | 185.D039 |
| | | O ring | 1 | 3 070 000 880 | 165.D014 |
| 4 | | Insulator | 1 | 3 170 170 041 | 742.D012 |
| 5A | Wear Parts | Shield cap (old version) | 1 | 3 188 070 004 | 742.D023 |
| 5B | | Shield cap (new) | 1 | 3 188 070 078 | 742.D078 |
| 2 | | Plasma Nozzle, ø0.9mm 30A (Short) | 1 | 3 170 170 094 | 742.D008 |
| 2 | | Plasma Nozzle, ø1.1mm 30 to 50A (Short) | 1 | 3 170 170 114 | 742.D018 |
| 2 | | Plasma Nozzle Cross Groove, ø1.1mm 50A (Short) | 1 | 3 170 170 066 | 742.D028 |
| 2 | | Plasma Nozzle, ø1.1mm 30 to 50A (Long) | 1 | 3 170 170 144 | 742.D038 |
| 3 | | Swirl ring | 1 | 3 170 170 45R | 742.D073 |
| 1 | | Electrode Long | 1 | 3 170 170 04A | 742.D057 |
| 1 | | Electrode Short | 1 | 3 170 170 04E | 742.D056 |
| 7 | | Distance Spring | 1 | 3 100 100 004 | 742.D010 |
| 6 | | Spatter Guard | 1 | 3 188 070742 | 742.D113 |

Plasma Cutting

ABIPLAS 110 AIR COOLED



| | |
|------------------|--------------------------|
| Technical Data | : |
| Cooling | : Air Cooled |
| Rating | : 110A at 60% Duty Cycle |
| Gas Supply | : Compressed air |
| Air Pressure | : 4.8 – 7.0 bar |
| Working Pressure | : 5.5 bar |
| Air Volume | : 180 L/Min at 5.5 bar |

| |
|----------------------------|
| WIM machine compatibility: |
| • PS 101 |

- Robust design and optimum cooling guarantee long life of torch and consumables
- Handle with extended trigger for increased distance between plasma jet and hand, thus safer and fatigue-free working
- Quickly exchangeable consumables (including insulator)
- Large range of consumables, equipment and accessories

| POS | BUILD GROUP | DESCRIPTION | UNIT | PART NUMBER | PRODUCT CODE |
|-----|-------------|--|------|---------------|--------------|
| | Torch | Abiplas Cut 110 6m | 1 | 3 199 110 004 | 745.D061 |
| 2 | | Torch body | 1 | 3 100 777 004 | 745.D025 |
| 1 | | Handle, complete | 1 | 3 777 110 004 | 745.D046 |
| 9 | | Trigger switch | 1 | 3 117 111 004 | 185.D039 |
| | | O ring | 1 | 3 000 000 080 | 165.D013 |
| 6 | | Insulator | 1 | 3 110 110 041 | 745.D020 |
| 7A | Wear Parts | Shield cap | 1 | 3 188 110 004 | 745.D026 |
| 7B | | Shield cap (new) | 1 | 3 188 110 204 | |
| 5 | | Plasma Nozzle, ø1.0mm 30 to 50A | 1 | 3 110 110 104 | 745.D018 |
| 5 | | Plasma Nozzle, ø1.2mm 40 to 70A | 1 | 3 110 110 124 | 745.D010 |
| 5 | | Plasma Nozzle, ø1.4mm 70 to 90A | 1 | 3 110 110 144 | 745.D017 |
| 5 | | Plasma Nozzle Long, ø1.2mm/50A | 1 | 3 110 110 066 | 745.D066 |
| 5 | | Plasma Nozzle Cross Groove, Long, ø1.2mm/50A | 1 | 3 110 110 068 | 745.D068 |
| 3 | | Swirl ring | 1 | 3 110 110 45R | 745.D113 |
| 4 | | Electrode Short | 1 | 3 110 110 04E | 745.D008 |
| 4 | | Electrode Long | 1 | 3 110 110 04A | 745.D016 |
| 8 | | Distance spring | 1 | 3 110 000 004 | 745.D012 |
| 10 | | Bevel Cutting Nozzle | 1 | 3 110 757 040 | 757.D014 |
| 11 | | Spatter Guard 110 / 150 | 1 | 3 118 110 742 | 757.D092 |

Other Accessories

PWF 500

P/N : 3 060 600 910



| PWF 500 | |
|-------------------|--------------------------|
| Input Power | 18 to 90 VDC, 400A (max) |
| Rated Duty Cycle | 60% |
| Electrode Wire | 0.6-3.2 mm |
| Wire Speed | 10-220 RPM |
| Max. Spool Size | 15.0 kg (33lb) |
| Capacity | 304 mm (12in) |
| Dimension (WxDxH) | (250 x 720 x 550) mm |

DC500HF High
Frequency Module (CC)



DC 500 HF

T 60

P/N : 3 060 600 910



| T 60 (Turn Table) | |
|-------------------|--------------------------------------|
| Max. Load | 60 kgs, Disc plate speed 0,5 ~ 7 rpm |
| Primary Supply | 220 V / 50 Hz, 1 Phase |
| Weight | 29 kg |
| Dimension (LxWxH) | 650 x 330 x 380 mm |

Water Cooling System for TIG Torch
220 / 50 Hz, 1.1 A
Max. 10 L/min, Tank Capacity 8L



WCS 33

P/N : 3 033 603 910



P/N : P 233 535 000
Solar Helmet
Adjuster Share
9-13 DIN



P/N : 3 002 000 001
Samurai Solar Helmet
Adjuster Share
9 -13 DIN



Argon Gas
Regulator



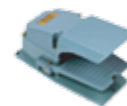
CO₂ Gas
Regulator Heater



CO₂ Gas
Regulator



P/N : 001 603 900
Foot Switch Control Set
For TG 301P AC/DC, ITG 300P AC/DC &
ITG 500P AC/DC



Foot Switch TFS 302
For JPC series
P/N : 3 130 302 205



Foot Switch VP-SF3 335
For PMC & T60
P/N : 3 133 503 355

| GAS REGULATOR | |
|---------------|--|
| 3 122 002 242 | CO ₂ Gas Regulator |
| 3 122 002 312 | CO ₂ Gas Regulator 110 V Heater |
| 3 122 002 220 | Gas Regulator 220 V Heater |
| 3 388 091 003 | Argon Gas Regulator |

| PART NUMBER | MACHINE TYPE | STANDARD ACCESSORIES |
|--------------------|----------------|---|
| MMA/ SMAW | | |
| 3 120 108 111 | ES 1200 M | Elektrode Holder Set Earth Clamp Set |
| 3 120 108 110 | ES 1200 | Elektrode Holder Set Earth Clamp Set Tig Torch Set WP 17-V Argon Regulator |
| 3 160 108 110 | ES 1600 M | Elektrode Holder Set Earth Clamp Set |
| 3 160 108 111 (M) | ES 1600 | Elektrode Holder Set Earth Clamp Set Tig Torch Set WP 17-V Argon Regulator |
| 3 160 168 111 | IT 1600M | Elektrode Holder Set Earth Clamp Set |
| 3 200 108 111 | ES 2000 M | Elektrode Holder Set Earth Clamp Set |
| 3 121 118 111 | IE 121 | Elektrode Holder Set Earth Clamp Set |
| 3 161 118 111 | IE 161 | Elektrode Holder Set Earth Clamp Set |
| 3 250 108 111 | ES 2500 M | - |
| 3 420 108 111 | ES 4200 M | - |
| 3 400 168 112 | IA 400X | - |
| 3 500 168 112 | IA 500X | - |
| 3,200,180,922 | AC 200 A | - |
| 3 300 180 922 | AC 300 A | - |
| 3,400,180,922 | AC 400 A | - |
| 3 500 180 922 | AC 500 A | - |
| 3 500 123 930 | EVO 500 | Elektrode Holder Set Earth Clamp Set |
| MIG WELDING / GMAW | | |
| 3 188 201 910 | Migweld 188 | Mig Torch Binzel MB 15 AK, 3 m CO ₂ Regulator Earth Clamp Set |
| 3 210 201 910 | Migweld 210S | Mig Torch Binzel MB 15 AK, 3 m CO ₂ Regulator Earth Clamp Set |
| 3 273 201 930 | Migweld 273-1 | Mig Torch Binzel MB 24 KD, 3 m CO ₂ Regulator Earth Clamp Set |
| 3 280 201 930 | Migweld 280S | Mig Torch Binzel MB 24 KD, 3 m CO ₂ Regulator Earth Clamp Set |
| 3 280 260 930 | Migweld 280SEF | Mig Torch Binzel MB 24 KD, 3 m CO ₂ Regulator Earth Clamp Set |

| PART NUMBER | MACHINE TYPE | STANDARD ACCESSORIES |
|--------------------|------------------|--|
| MIG WELDER / GMAW | | |
| 3 350 261 930 | Migweld 350SEF | Mig Torch Binzel Abimig Grip 305 LW, 3 m CO ₂ Heater Regulator Earth Clamp Set |
| 3 500 261 930 | Migweld 500SEF | Mig Torch Binzel Abimig 355LW, 3 m CO ₂ Heater Regulator Earth Clamp Set |
| 3 350 261 230 | TA 350i | Mig Torch Binzel Abimig Grip 305 LW, 3 m CO ₂ Heater Regulator Earth Clamp Set |
| 3 500 260 230 | TA 500i | Mig Torch Binzel Abimig 355LW, 3 m CO ₂ Heater Regulator Earth Clamp Set |
| 3 350 266 130 | IMG 350 | Mig Torch Binzel Abimig Grip 305 LW, 3 m CO ₂ Heater Regulator Earth Clamp Set |
| 3 500 266 130 | IMG 500 | Mig Torch Binzel Abimig 355LW, 3 m CO ₂ Heater Regulator Earth Clamp Set |
| TIG WELDING / GTAW | | |
| 3 160 308 210 | TG 160 | Tig Torch WP 17 Argon Regulator Gas Hose Earth Clamp Set |
| 3 301 388 220 | TG 301P | Kit Set Tig Torch WP 18-25 Argon Regulator Gas Hose Earth Clamp Set Kit Set Hose (Toyoron Set) Remote Control Set |
| 3 180 308 110 | ITG 180 A | Tig Torch WP 26, 4 m Argon Regulator Gas Hose Earth Clamp Set |
| 3 222 308 130 | ITG 222P | Tig Torch WP 26, 4 m Argon Regulator Gas Hose Earth Clamp Set Kit Set |
| 3 300 388 130 | ITG 300P AC / DC | Tig Torch WP 18-25 Argon Regulator Gas Hose Earth Clamp Set Kit Set |

STANDARD EQUIPMENT

NOTES

| PART NUMBER | MACHINE TYPE | STANDARD ACCESSORIES |
|-----------------------------|-------------------|--|
| TIG WELDING / GTAW | | |
| 3 500 388 130 | ITG 500P AC / DC | Tig Torch WP 18-25 Argon Regulator Gas Hose Earth Clamp Set Kit Set Hose (Toyoron Set) |
| PLASMA CUTTING | | |
| 3 055 500 130 | IPS 56 | Plasma Torch ABP 70 Air Regulator Earth Clamp Set Kit Set |
| 3 060 500 930 | GOLDCUT PS 60 | Plasma Torch ABP 70 Air Regulator Earth Clamp Set Kit Set |
| 3 100 500 930 | GOLDCUT PS 100 | Plasma Torch ABP 110 Air Regulator Earth Clamp Set Kit Set |
| SPOT WELDING | | |
| 3 022 400 910 | Mini Spot 2.5 | |
| 3 008 400 910 | MC 8 | Spot Torch |
| 3 015 400 920 | MC 15 | |
| 3 025 400 920 | MC 25 | |
| 3 025 470 920 | PMC 25 | |
| 3 035 477 920 | JPC 35 | |
| 3 050 477 920 | JPC 50 | |
| 3 075 477 920 | JPC 75 | |
| 3 100 477 920 | JPC 100 | |
| ENGINE DRIVE WELDING | | |
| 3 500 100 001 | ALPHAWELD 500D | |
| SUBMERGED ARC WELDER | | |
| 3 125 125 000 | SAW POWER 1250 DC | Welding Tractor 3V Laser LED 95mm ² Welding Cable Contact Tip dia 3.2mm Contact Tip dia 4.0mm Wire Feed Roller 3.0 - 4.0 mm Wire Feed Roller 4.2 - 5.0 mm |

| PART NUMBER | MACHINE TYPE | STANDARD ACCESSORIES |
|----------------------------|--------------|---|
| OPTIONAL EQUIPEMENT | | |
| 3 060 600 910 | T 60 | - |
| 3 033 602 900 | PWF 33 | Kit Set |
| 3 033 603 910 | WCS 33 | Kit Set |
| 3 500 603 900 | AS 500 HF | DC 500 HF Tig Torch WP 18 Argon Regulator Tungsten 3.2 2Xwelding cable 50 mm ² , 3m Wire Feeder |
| 3 500 602 900 | EVO Mig Set | Mig Torch RM 50 CO2 Heater Regulator Wire Feeder |





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