WELDING MACHINES & ACCESSORIES

Below are examples of the merchandised range, please contact your sales rep for more details on how to order store concepts*. *Concepts may change from time to time and without notice, due to stock availability, updating and/or discontinuation of certain products.

For more information: Email: sales@lgtools.co.za
Tel: +2731 717 6800  Fax: +2731 717 6868  Visit our website: www.lgtools.co.za
EXAMPLE – 60% DUTY CYCLE

IF A MACHINE OVERHEATS THE FOLLOWING STEPS NEED TO TAKE PLACE:

WELDING,longer,than,rated,duty,cycle,can,damage,machine, and,void,warranty.

DUTY CYCLE EXPLAINED

The duty cycle really details just how long the machine can operate within a TEN minute welding time without overheating or becoming damaged!

If your welding machine says ‘duty cycle =60% @ xyz amps’ this means that out of a welding ‘on-time’ of only ten minutes, your welder can only safely weld continuously for 6 minutes in every ten minutes, & if you exceed this 6 minutes, you will risk overheating or damaging your welder!

The ‘on-time’ is the actual welding time where a welding arc is being produced. The duty cycle is not relative to where your welder is only plugged in & switched on, but not being used.

SELECT A WELDING OR CUTTING PROCESS

Select the Process that matches the metals you want to weld or cut

<table>
<thead>
<tr>
<th>METAL TYPE</th>
<th>MMA STICK</th>
<th>MIG</th>
<th>FCAW</th>
<th>AC-TIG</th>
<th>DC-TIG</th>
<th>PLASMA</th>
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<th>LOW</th>
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<th>HIGH</th>
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WELDING & CUTTING PROCESSES

MMA PROCESS
- Most commonly called stick welding
- Also known as MMA (manual metal arc), and SMAW (shielded metal arc welding)
- MMA welders are ideal for General repairs and maintenance
- Can weld in windy, outdoor conditions
- Simple in operation & portable

MIG WELDING PROCESS
- MIG = metal inert gas welding - Argon (or MAG = metal active gas welding) CO₂
- Easiest welding process to learn
- Ideal for workshop or factory environments
- Best suited for fabrication work
- Welds up to 4 times faster than MMA welding
- Not suitable for windy, outdoor conditions

TIG WELDING PROCESS
- TIG = tungsten inert gas welding
- Provides high quality welds
- Precise and accurate welding on thin material highly aesthetic weld beads
- Capable of welding mild carbon steel, aluminum and other metals with just a single shielding gas, argon
- For aluminum welding an AC/DC TIG welder is required

FLUX CORED MIG WELDING PROCESS
- FCAW = Flux Cored Arc Welding
- Can be used without GAS or Gas assisted
- Can weld in windy, outdoor conditions
- Works as well as Stick on rusty or dirty material
- Polarity needs to be reversed
- Deeper penetration for welding thick sections
- Increased metal deposition (easily two or three times that of Stick welding)

PLASMA PROCESS
- Can cut any conductive metals
- Neat precise cuts
- Low heat affected zone which prevents warping
- Works with compressed air
Tungsten inert gas (TIG) welding, is an arc welding process that uses a consumable tungsten electrode to produce the weld. The weld area is protected from atmospheric contamination by a shielding inert gas such as argon, and a filler rod is used. TIG is most commonly used to weld sections of stainless steel and non-ferrous metals such as aluminium, magnesium, and copper alloys. The process grants the operator greater control over the weld than competing processes such as (MMA) manual metal arc welding and (MIG) metal inert gas welding, allowing for stronger, higher quality welds. However, TIG is comparatively more complex and difficult to master, and furthermore, it is significantly slower than most other welding techniques.

Plasma cutting is a process that is used to cut most types of steels and alloys using a plasma machine & compressed air. The principle of plasma cutting is based on the ionisation of air which is forced through a small orifice (the cutting tip) and air electrode. An electric charge combined with the ionised air creates the cutting arc (plasma).

Plasma is an effective means of cutting thin and thick materials alike. Hand-held torches can usually cut up to 50 mm thick steel plate, depending on the size of the machine.
Manufactured to the highest standards using cutting edge Transformer Technology.
- Compact, lightweight and portable
- AC current output
- Excellent welding characteristics
- Less power consumption
- Robust construction

DIY Use

**DIGITEC IGBT DC Inverters**

Manufactured to the highest standards using advanced IGBT Technology.
- Compact, lightweight and portable
- DC current output
- Excellent welding characteristics
- Less power consumption
- Robust construction
- Digital display

DIY to Light Engineering

**ARC PRO IGBT DC Inverters**

Manufactured to the highest standards using advanced IGBT Technology.
- DC current output
- Excellent welding characteristics
- Light weight and portable
- Less power consumption
- Robust construction
- Electronic Digital Display
- 35 - 50 Machine sockets

INDUSTRIAL Quality

**IGBT DC Inverters**

Manufactured to the highest standards using advanced IGBT Technology.
- Compact, lightweight and portable
- DC current output
- Excellent welding characteristics
- Less power consumption
- Robust construction
- Digital display
- Touch panel amperage control

DIY to Light Engineering

**MODEL TX-130B1**

- **PART NUMBER**: MCOW4246
- **BARCODE**: 6003751032478
- **OUTPUT**
  - **PROCESS**: MMA
  - **ELECTRODE SIZE**: 1.6MM TO 4.0MM
  - **AMPS**: 130
  - **VOLTS**: 20-145
  - **DUTY CYCLE**: 60%
  - **OCV**: 57 V
- **INPUT**
  - **VOLTS**: 220
  - **AMPS**: 28
- **GENERAL**
  - **COOLING**: FAN
  - **IP**: 21
  - **DIMENSIONS (MM)**: L-1060XW-450XH-936
  - **NET WEIGHT (KG)**: 5.6

**MODEL PRODIGI 2000**

- **PART NUMBER**: MCOW4095
- **BARCODE**: 6003398083154
- **OUTPUT**
  - **PROCESS**: MMA
  - **ELECTRODE SIZE**: 1.6MM TO 4.0MM
  - **AMPS**: 20-200
  - **VOLTS**: 17
  - **DUTY CYCLE**: 60%
  - **OCV**: 56V
- **INPUT**
  - **VOLTS**: 220
  - **AMPS**: 32
- **GENERAL**
  - **COOLING**: FAN
  - **IP**: 21
  - **DIMENSIONS (MM)**: L-230XW-142XH-315
  - **NET WEIGHT (KG)**: 16.5

**MODEL DIGITEC 150**

- **PART NUMBER**: MCOW4050
- **BARCODE**: 6003398087961
- **OUTPUT**
  - **PROCESS**: MMA
  - **ELECTRODE SIZE**: 1.6MM TO 3.2MM
  - **AMPS**: 160
  - **VOLTS**: 18
  - **DUTY CYCLE**: 60%
  - **OCV**: 57 V
- **INPUT**
  - **VOLTS**: 220
  - **AMPS**: 26
- **GENERAL**
  - **COOLING**: FAN
  - **IP**: 21
  - **DIMENSIONS (MM)**: L-1060XW-450XH-936
  - **NET WEIGHT (KG)**: 3.2

**MODEL ARC PRO 1700**

- **PART NUMBER**: MCOW4051
- **BARCODE**: 6003398087978
- **OUTPUT**
  - **PROCESS**: MMA
  - **ELECTRODE SIZE**: 1.6MM TO 3.2MM
  - **AMPS**: 160
  - **VOLTS**: 18
  - **DUTY CYCLE**: 60%
  - **OCV**: 57 V
- **INPUT**
  - **VOLTS**: 220
  - **AMPS**: 26
- **GENERAL**
  - **COOLING**: FAN
  - **IP**: 21
  - **DIMENSIONS (MM)**: L-1060XW-450XH-936
  - **NET WEIGHT (KG)**: 3.2
**Industrial DC Inverters**

Inverter series is manufactured to the highest standards using advanced Mosfet Technology.
- DC current output
- Suitable for MMA & TIG Scratch Start Welding.
- Excellent welding characteristics
- Light weight and portable
- Less power consumption
- Robust construction
- Generator safe - 7.5kw

**MODEL**

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<tr>
<th>MODEL</th>
<th>MMA 160S PWM</th>
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### TIG Inverters

**TIG 200A HF DC**
- **Model:** TIG 200A HF DC
- **Part Number:** EWM0019-I
- **Barcode:** 6003398065322

**Specifications:**
- **Output:**
  - **Volts:** 220
  - **Amps:** 28, 31

**General:**
- **Cooling:** Fan
- **IP:** 21
- **Dimensions (MM):** L-830XW-300XH-560
- **Net Weight (KG):** 13.6

**Optional Extras:**
- Pedal
- Remote
- Foot
- Water Cooler
- Flowmeter
- Argon Regulator & Hose

**Technical Details:**
- **Wattage:** 28, 31
- **Volt:** 220
- **AC or DC current output:**
- **Duty Cycle:** 60%
- **Max Steel Thickness:** 8.0MM
- **Electrode Size:** 2.0MM to 5.0MM
- **Process:** TIG, MMA
- **Bar Code:** 6003398065372
- **Part Number:** EWM0070-I

**TIG 250 HF AC/DC**
- **Model:** TIG 250 HF AC/DC
- **Part Number:** EWM0069-I
- **Barcode:** 6003398065303

**Specifications:**
- **Output:**
  - **Volts:** 220
  - **Amps:** 28, 31

**General:**
- **Cooling:** Fan
- **IP:** 21
- **Dimensions (MM):** L-780XW-300XH-610
- **Net Weight (KG):** 36

**Optional Extras:**
- Pedal
- Remote
- Foot
- Flowmeter
- Argon Regulator & Hose

**Technical Details:**
- **Wattage:** 28, 31
- **Volt:** 220
- **AC or DC current output:**
- **Duty Cycle:** 60%
- **Max Steel Thickness:** 6.0MM
- **Electrode Size:** 2.0MM to 4.0MM
- **Process:** TIG, MMA
- **Bar Code:** 6003398053546
- **Part Number:** EWM0129-I

**TIG 315A HF AC/DC**
- **Model:** TIG 315A HF AC/DC
- **Part Number:** EWM0069-I
- **Barcode:** 6003398065303

**Specifications:**
- **Output:**
  - **Volts:** 220
  - **Amps:** 28, 31

**General:**
- **Cooling:** Fan
- **IP:** 21
- **Dimensions (MM):** L-780XW-300XH-610
- **Net Weight (KG):** 36

**Optional Extras:**
- Pedal
- Remote
- Foot
- Flowmeter
- Argon Regulator & Hose

**Technical Details:**
- **Wattage:** 28, 31
- **Volt:** 220
- **AC or DC current output:**
- **Duty Cycle:** 60%
- **Max Steel Thickness:** 6.0MM
- **Electrode Size:** 2.0MM to 4.0MM
- **Process:** TIG, MMA
- **Bar Code:** 6003398053546
- **Part Number:** EWM0129-I

**TIG 250 HF DC**
- **Model:** TIG 250 HF DC
- **Part Number:** EWM0069-I
- **Barcode:** 6003398065303

**Specifications:**
- **Output:**
  - **Volts:** 220
  - **Amps:** 28, 31

**General:**
- **Cooling:** Fan
- **IP:** 21
- **Dimensions (MM):** L-780XW-300XH-610
- **Net Weight (KG):** 36

**Optional Extras:**
- Pedal
- Remote
- Foot
- Flowmeter
- Argon Regulator & Hose

**Technical Details:**
- **Wattage:** 28, 31
- **Volt:** 220
- **AC or DC current output:**
- **Duty Cycle:** 60%
- **Max Steel Thickness:** 6.0MM
- **Electrode Size:** 2.0MM to 4.0MM
- **Process:** TIG, MMA
- **Bar Code:** 6003398053546
- **Part Number:** EWM0129-I

---

**Manufactured to the highest standards using cutting edge PWM & Mosfet technology.**
- **DC current output:**
- **Suitable for MMA & TIG welding:**
- **Excellent welding characteristics:**
- **Light weight and portable:**
- **Less power consumption:**
- **Robust construction:**
- **Digital Display:**
- **Precision weld Mild & Stainless Steel, Alloys steel, carbon steel & copper:**
- **Use with Argon Gas for MMA welding:**

---

**SEMI-INDUSTRIAL Use**

**Model TIG Inverters**
- **TIG 200A HF AC/DC**
- **TIG 250 HF AC/DC**
- **TIG 315A HF AC/DC**
- **TIG 300S**
- **TIG 315S**

---

**Warranty Year:**
- **1**

---

**Use with Argon gas:**
- **Suitable for MMA welding:**
- **Robust construction:**
- **Less power consumption:**
- **Light weight and portable:**
- **Excellent welding characteristics:**
- **Suitable for MMA & TIG welding:**
- **AC or DC current output:**
- **Digital Display:**
- **Use with Argon gas:**

---

**Optional Extras:**
- Pedal
- Remote
- Foot
- Flowmeter
- Argon Regulator & Hose

---

**Digital Display:**
- **Input:**
  - **Volts:** 220
  - **Amps:** 28, 31

---

**Cooling:**
- **Fan**
- **IP:** 21
- **Dimensions (MM):**
- **Net Weight (KG):**

---

**SEMI-INDUSTRIAL Use**

**Model TIG Inverters**
- **TIG 200A HF AC/DC**
- **TIG 250 HF AC/DC**
- **TIG 315A HF AC/DC**
- **TIG 300S**
- **TIG 315S**

---

**Warranty Year:**
- **1**

---

**Use with Argon gas:**
- **Suitable for MMA welding:**
- **Robust construction:**
- **Less power consumption:**
- **Light weight and portable:**
- **Excellent welding characteristics:**
- **Suitable for MMA & TIG welding:**
- **AC or DC current output:**
- **Digital Display:**
- **Use with Argon gas:**

---

**Optional Extras:**
- Pedal
- Remote
- Foot
- Flowmeter
- Argon Regulator & Hose

---

**Digital Display:**
- **Input:**
  - **Volts:** 220
  - **Amps:** 28, 31

---

**Cooling:**
- **Fan**
- **IP:** 21
- **Dimensions (MM):**
- **Net Weight (KG):**
SR 17V x 4mt Tig Torch Valve (aircooled)

- 150 Amp Valve operated Tig Torch
- 60% Duty cycle
- For use with DC inverter welders
- Scratch start
- Valve gas control
- 10/25 connector
- Regulator nut

Code no: EWTT00200
Barcode: 6003751364432

SR 26V x 4mt Tig Torch Valve (aircooled)

- 200 Amp Valve operated Tig Torch
- 60% Duty cycle
- For use with DC inverter welders
- Scratch start
- Valve gas control
- 35/50 connector
- Regulator nut

Code no: EWTT00205
Barcode: 6003751364630

SR 17 x 4mt Tig Torch (aircooled)

- 150 Amp switch operated Tig Torch
- 60% Duty cycle
- For use with AC / DC Tig welders
- HF start
- Gas & power cable in one

Code no: EWTT00201
Barcode: 6003398057537

SR 26 x 4mt Tig Torch (aircooled) with switch

- 200 Amp switch operated Tig Torch
- 60% Duty cycle
- For use with AC / DC Tig welders
- HF start
- Gas & power cable in one

Code no: EWTT00207
Barcode: 6003398057582

SR 17V x 4mt Tig Torch Valve (aircooled)

- 150 Amp Valve operated Tig Torch
- 60% Duty cycle
- For use with DC inverter welders
- Scratch start
- Valve gas control
- 10/25 connector
- Regulator nut

Code no: EWTT00200
Barcode: 6003751364432

SR 26V x 4mt Tig Torch Valve (aircooled)

- 200 Amp Valve operated Tig Torch
- 60% Duty cycle
- For use with DC inverter welders
- Scratch start
- Valve gas control
- 35/50 connector
- Regulator nut

Code no: EWTT00205
Barcode: 6003751364630

SR 17 x 4mt Tig Torch (aircooled)

- 150 Amp switch operated Tig Torch
- 60% Duty cycle
- For use with AC / DC Tig welders
- HF start
- Gas & power cable in one

Code no: EWTT00201
Barcode: 6003398057537

SR 26 x 4mt Tig Torch (aircooled) with switch

- 200 Amp switch operated Tig Torch
- 60% Duty cycle
- For use with AC / DC Tig welders
- HF start
- Gas & power cable in one

Code no: EWTT00207
Barcode: 6003398057582

SR 18 x 4mt Tig Torch (watercooled)

- Water cooled Tig torch
- 240 Amp switch operated
- 60% Duty cycle
- For use with AC / DC Tig welders
- HF start

Code no: EWTT00211
Barcode: 6003398057605

SR 18 x 4mt Tig Torch (watercooled)

- Water cooled Tig torch
- 240 Amp switch operated
- 60% Duty cycle
- For use with AC / DC Tig welders
- HF start

Code no: EWTT00211
Barcode: 6003398057605

Must be used with Tradeweld WRS-300S Watercooler EWM0011-L
Assembly instructions included in the manual

TIG Torches & Consumables

TRIGGER SW
EWTT00226
6003398057681
• Replacement trigger switch

BRAIDED GAS HOSE (PER mt)
EWTT00270
6003398058091

OUTER COVER (PER mt)
EWTT00271
6003398058107

HOSE CLAMP 8.7mm (1 EAR)
EWTT00237
6003398057995

HOSE CLAMP 11.3mm (1 EAR)
EWTT00239
6003398057803

TIG Torch Spares

SR 17 TORCH HEAD
EWTT00220
6003398057629
• Replacement torch head for EWTT00200

SR 17V TORCH HEAD
EWTT00221
6003398057636
• Replacement torch head for EWTT00200

SR 26 TORCH HEAD
EWTT00222
6003398057643
• Replacement torch head EWTT00207

SR 26V TORCH HEAD
EWTT00223
6003398057650
• Replacement torch head EWTT00207

SR 18 TORCH HEAD
EWTT00219
6003398057612
• Replacement torch head EWTT00211

Sold Individually

TIG Torch Spares

SR 17/17V HANDLE
EWTT00224
6003398057667
• Replacement handle

SR 26/26V & 18 HANDLE
EWTT00225
6003398057674
• Replacement handle

TIG HANDLE WP18-26
EWTT00248
6003398057896
• Replacement handle

SR 17/17V 2 PIECE POWER CABLE CONNECTOR
EWTT00233
6003398057742
• Replacement cable connector for the torch head

SR 26/26V 2 PIECE POWER CABLE CONNECTOR
EWTT00236
6003398057786
• Replacement cable connector for the torch head

Sold Individually
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<thead>
<tr>
<th>Product Type</th>
<th>Description</th>
<th>SKU</th>
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<tr>
<td>TIG Consumables - 1.6mm, 2.4mm, 3.2mm</td>
<td>Thoriated Tungsten (Red Tip) 1.6mm</td>
<td>EWTT00260</td>
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<td>Zirconiated Tungsten (White Tip) 1.6mm</td>
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<td>Stainless Steel Starter Pack 1.6mm</td>
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<td>Aluminium Starter Pack 2.4mm</td>
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<td>Collet 2.4mm</td>
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<td>Back Cap Short</td>
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<td>Back Cap Long</td>
<td>EWTT00231</td>
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<td>Prepack TIG Combo Back Cap</td>
<td>EWACTT031</td>
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| TIG Foot Remote Control for Inverter AC/DC | MCOW4077 6003398074196 | Suitable for TRADEWELD TIG200, 250 & 315 AC/DC

- All metal cast casing
- Variable potentialmeter to control maximum amperage
- Insulated metal braided cable

**Suitable for**: TRADEWELD TIG200, 250 & 315 AC/DC
MIG Welders

Manufactured to the highest standards using cutting edge Mosfet Technology:
• Internal 2 wheel wirefeed system
• DC current output
• Stepless voltage control
• Excellent welding characteristics
• Light weight and portable
• Less power consumption
• Robust construction
• Ideal for light duty aluminium welding with a spool gun and fabrication work
• Can carry a gas bottle

MIG Welders

Manufactured to the highest standards using step controlled transformer Technology.
• Internal 4 wheel wirefeed system
• DC current output
• 3 Phase 380V
• Stepless wire speed control
• 10 Position voltage control
• Excellent welding characteristics
• Less power consumption
• Robust construction
• Ideal for fabrication work
• Can carry a gas bottle
• Use with gas
• Max 15kg MIG wire

MIG Welders

Manufactured to the highest standards using step controlled transformer Technology.
• External 4 wheel wirefeed system
• DC current output
• Available in single and dual voltage
• Stepless wire speed control
• 30 Position voltage control
• Excellent welding characteristics
• Less power consumption
• Robust construction
• Ideal for fabrication work
• Can carry a gas bottle
• Use with or without gas
• Max 15kg MIG wire

MIG Welders

Manufactured to the highest standards using cutting edge Mosfet Technology.
• Internal 2 wheel wirefeed system
• DC current output
• Stepless voltage control
• Excellent welding characteristics
• Light weight and portable
• Less power consumption
• Robust construction
• Ideal for light duty aluminium welding with a spool gun and fabrication work
• Can carry a gas bottle

MIG Welding Machines

MODEL | MIG 250 SA
PART NUMBER | EWM0126-I
BARCODE | 6003388065341
OUTPUT
PROCESS | MIG
SOLID WIRE Ø | 0.8MM TO 1.0MM
MAX STEEL THICKNESS | 0.8MM TO 10MM
FLUX CORED WIRE Ø | -
AMPS | 250
DUTY CYCLE | 60%
O CV | 26.5

INPUT
VOLTS | 220
AMPS | 51.6

GENERAL
COOLING | FAN
IP | 21
DIMENSIONS (MM) | L-830XW-380XH-680
NET WEIGHT (KG) | 62

MODEL | MIG 325 C
PART NUMBER | EWM0051-I
BARCODE | 6003398068908
OUTPUT
PROCESS | MIG
SOLID WIRE Ø | 0.8MM TO 1.2MM
MAX STEEL THICKNESS | 1.0MM TO 16MM
FLUX CORED WIRE Ø | -
AMPS | 320
DUTY CYCLE | 60%
O CV | 17-38

INPUT
VOLTS | 380
AMPS | 20

GENERAL
COOLING | FAN
IP | 21S
DIMENSIONS (MM) | L-960XW-450XH-920
NET WEIGHT (KG) | 110

MODEL | MIG 365 S
PART NUMBER | EWM0044-IL
BARCODE | 6003398070871
OUTPUT
PROCESS | MIG
SOLID WIRE Ø | 0.9MM TO 1.2MM
MAX STEEL THICKNESS | 1.6MM TO 20MM
FLUX CORED WIRE Ø | 1.0MM TO 1.6MM
AMPS | 350
DUTY CYCLE | 60%
O CV | 17-40

INPUT
VOLTS | 380
AMPS | 23

GENERAL
COOLING | FAN
IP | 21S
DIMENSIONS (MM) | L-1040XW-450XH-936
NET WEIGHT (KG) | 130

MODEL | MIG 505 S | MIG 500 SD
PART NUMBER | EWM0028-IL | EWM0040-IL
BARCODE | 6003398070888 | 6003398070895
OUTPUT
PROCESS | MIG | MIG
SOLID WIRE Ø | 1.0MM TO 2.0MM | 1.0MM TO 2.0MM
MAX STEEL THICKNESS | 2.0MM TO 20MM | 2.0MM TO 20MM
FLUX CORED WIRE Ø | 1.0MM TO 3.2MM | 1.0MM TO 3.2MM
AMPS | 500 | 500
DUTY CYCLE | 60% | 60%
O CV | 17-52 | 17-52

INPUT
VOLTS | 380 | 380-525
AMPS | 41 | 47-32

GENERAL
COOLING | FAN | FAN
IP | 21S | 21S
DIMENSIONS (MM) | L-1060XW-450XH-936 | L-1060XW-450XH-936
NET WEIGHT (KG) | 155 | 158
## MIG Multi-Process Welders

### MIG 200 M
- **Model**: MIG 200 M
- **Part Number**: EWM0136M
- **Barcode**: 6003398077177

#### Output
- **Process**: MMA • MIG • TIG DC
- **Solid Wire Ø**: 0.8MM TO 1.0MM
- **Max Steel Thickness**: 8MM
- **Flux Cored Wire Ø**: 0.8MM TO 1.0MM
- **amps**: MIG/MMA-TIG 30 - 200
- **Duty Cycle**: 35%
- **OCV**: MIG/MMA-TIG 15.5 - 24

#### Input
- **Volts**: 220
- **Amps**: 37.4

#### General
- **Cooling**: Fan
- **IP**: 21
- **Dimensions (MM)**: L-510XW-285XH-450
- **Net Weight (KG)**: 15

### MIG 200 W
- **Model**: MIG 200 W
- **Part Number**: EWM0136-I
- **Barcode**: 6003398066904

#### Output
- **Process**: MMA • MIG • TIG DC
- **Solid Wire Ø**: 0.8MM TO 1.0MM
- **Max Steel Thickness**: 8MM
- **Flux Cored Wire Ø**: 0.8MM TO 1.0MM
- **amps**: MIG/MMA-TIG 30 - 200
- **Duty Cycle**: 60%
- **OCV**: MIG/MMA-TIG 15.5 - 24

#### Input
- **Volts**: 220
- **Amps**: 37.4

#### General
- **Cooling**: Fan
- **IP**: 21
- **Dimensions (MM)**: L-470XW-340XH-770
- **Net Weight (KG)**: 18.2

### MIG 250 M
- **Model**: MIG 250 M
- **Part Number**: EWM0137-I
- **Barcode**: 6003398066911

#### Output
- **Process**: MMA • MIG • TIG DC HF
- **Solid Wire Ø**: 0.8MM TO 1.2MM
- **Max Steel Thickness**: 10.0MM
- **FLUX CORED WIRE Ø**: -
- **amps**: MIG/MMA-TIG 15-250
- **Duty Cycle**: 60%
- **OCV**: 24

#### Input
- **Volts**: 230
- **Amps**: 51.6

#### General
- **Cooling**: Fan
- **IP**: 21
- **Dimensions (MM)**: L-830XW-380XH-680
- **Net Weight (KG)**: 62

---

DIY to Light Engineering

- **Model**: Model MIG 200 M
- **Part Number**: EWM0136M
- **Barcode**: 6003398077177

#### Specifications
- **Output Process**: MMA • MIG • TIG DC
- **Solid Wire Ø**: 0.8MM TO 1.0MM
- **Max Steel Thickness**: 8MM
- **Flux Cored Wire Ø**: 0.8MM TO 1.0MM
- **Amps**: MIG/MMA-TIG 30 - 200
- **Duty Cycle**: 35%
- **OCV**: MIG/MMA-TIG 15.5 - 24

#### Input
- **Volts**: 220
- **Amps**: 37.4

#### General
- **Cooling**: Fan
- **IP**: 21
- **Dimensions (MM)**: L-510XW-285XH-450
- **Net Weight (KG)**: 15

---

MIG Multi Process Machines
MIG TORCHES & CONSUMABLES

MIG 15 x 4mt Torch

- Euro style 150 Amp DC MIG torch
- 60% Duty cycle

Code no: Barcode:
EWB00302 6003398058336

Consumables for MIG 15

- LINER 0.6 – 0.9MM X 4MT (BLUE)
  EWB00355 6003398058503

- MIG 15 STARTER PACK
  1 x MB15 Shroud
  1 x MB15 Tip adaptor
  5 x 0.9 M6 Contact tips
  EWPACT001 6003398074577

MIG 15 SWAN NECK
EWB00200 6003398058268

For use with MIG machines MIG 175 EWM0135-I & MIG 200 EWM0126-I • Can be used on other makes of MIG welders

MIG 25 x 4mt Torch

- Euro style 230 Amp DC MIG torch
- 60% Duty cycle

Code no: Barcode:
EWB00304 6003398058350

Consumables for MIG 25

- LINER 1.0 – 1.2MM X 4MT (RED)
  EWB00356 6003398058510

- MIG 25 STARTER PACK
  1 x MB25 Shroud
  1 x MB25 Tip adaptor
  5 x 1.0 M6 Contact tips
  EWPACT002 6003398059982

MIG 25 SWAN NECK
EWB00201 6003398058275

For use with MIG machines MIG 250SA EWM0126-I & MIG 250M EWM0137-I • Can be used on other makes of MIG welders

MIG 36 x 4mt Torch

- Euro style 350 Amp DC MIG torch
- 60% Duty cycle

Code no: Barcode:
EWB00306 6003398058374

Consumables for MIG 36

- LINER 1.0 – 1.2MM X 4MT (RED)
  EWB00356 6003398058510

- MIG 36 STARTER PACK
  1 x MB36 Shroud
  1 x MB36 Tip adaptor
  5 x 1.2 M6 Contact tips
  EWPACT003 60033980600025

MIG 36 SWAN NECK
EWB00202 6003398058282

For use with MIG machines MIG 325C EWM0051-1, MIG 365S EWM0044-IL & MIG 400 EWM0019-L • Can be used on other makes of MIG welders

MIG 40 x 4mt Torch

- Euro style 400 Amp DC MIG torch
- 60% Duty cycle

Code no: Barcode:
EWB00307 6003398058381

Consumables for MIG 40

- LINER 1.2 – 1.6MM X 4MT (YELLOW)
  EWB00357 6003398058527

- MIG 40 STARTER PACK
  1 x MB40 Shroud
  1 x MB40 Tip adaptor
  5 x 1.4 M6 Contact tips
  EWPACT004 60033980600093

MIG 40 SWAN NECK
EWB00204 6003398058305

For use with MIG machines MIG 500S EWM0028-IL & MIG 500SD EWM0140-IL • Can be used on other makes of MIG welders

MIG TORCHES & CONSUMABLES
PLASMA CUTTER WITH BUILT-IN AIR COMPRESSOR

 Manufactured to the highest standards using cutting edge PWM & Mosfet Technology:

- DC current output
- Excellent cutting characteristics
- Less power consumption
- Robust construction
- Ideal for cutting Mild, Stainless, Aluminium, Brass & Copper
- Built-in water trap
- No compressor required
- Built-in oilless air compressor

PLASMA CUTTER

 Manufactured to the highest standards using cutting edge PWM & Mosfet Technology:

- DC current output
- Excellent cutting characteristics
- Less power consumption
- Robust construction
- Ideal for cutting Mild, Stainless, Aluminium, Brass & Copper
- Built-in water trap
- Min compressor required: 50L

PLASMA CUTTER

 Manufactured to the highest standards using cutting edge PWM & Mosfet Technology:

- DC current output
- Excellent cutting characteristics
- Less power consumption
- Robust construction
- Ideal for cutting Mild, Stainless, Aluminium, Brass & Copper
- Built-in water trap
- Min compressor required: 100L
- 3 Phase

PLASMA CUTTER

 Manufactured to the highest standards using cutting edge PWM & Mosfet Technology:

- DC current output
- Excellent cutting characteristics
- Less power consumption
- Robust construction
- Ideal for cutting Mild, Stainless, Aluminium, Brass & Copper
- Built-in water trap
- Min compressor required: 100L
- 3 Phase

PLASMA MACHINES

YEAR WARRANTY 1

PLASMA CUTTERS

YEAR WARRANTY 1

PT31 Plasma Torch

Earth Cable

P60 Torch

P80 Torch

MODELS

CUT-40K

PART NUMBER MCW4082B
BARCODE 6003380877164

OUTPUT

PROCESS PLASMA
HIGH FREQUENCY TOUCH START
MAX STEEL THICKNESS 0.6MM TO 10MM
AMPS 40
DUTY CYCLE 60%
OCV 230

INPUT

VOLTS 220
AMPS 47

GENERAL

COOLING FAN
IP 21
DIMENSIONS (MM) L-410XW-195XH-590
NET WEIGHT (KG) 27

CUT-40H

PART NUMBER MCW4082
BARCODE 6003380853553

OUTPUT

PROCESS PLASMA
HIGH FREQUENCY TOUCH START
MAX STEEL THICKNESS 0.6MM TO 10MM
PRESSURE 4.5 BAR
AMPS 40
DUTY CYCLE 60%
OCV 230

INPUT

VOLTS 220
AMPS 30

GENERAL

COOLING FAN
IP 21
DIMENSIONS (MM) L-485XW-195XH-320
NET WEIGHT (KG) 9

CUT-60H

PART NUMBER EWM0131-I
BARCODE 600338086396

OUTPUT

PROCESS PLASMA
HIGH FREQUENCY PILOT ARC START
MAX STEEL THICKNESS 1.0MM TO 20MM
PRESSURE 4.5 BAR TO 5.5 BAR
AMPS 60
DUTY CYCLE 60%
OCV 296

INPUT

VOLTS 380
AMPS 12

GENERAL

COOLING FAN
IP 21
DIMENSIONS (MM) L-450XW-190XH-345
NET WEIGHT (KG) 19

CUT-100H

PART NUMBER EWM0132-I
BARCODE 6003380865402

OUTPUT

PROCESS PLASMA
HIGH FREQUENCY PILOT ARC START
MAX STEEL THICKNESS 1.0MM TO 30MM
PRESSURE 4.5 BAR TO 5.5 BAR
AMPS 100
DUTY CYCLE 60%
OCV 296

INPUT

VOLTS 380
AMPS 23.1

GENERAL

COOLING FAN
IP 21
DIMENSIONS (MM) L-635XW-455XH-515
NET WEIGHT (KG) 19

PLASMA MACHINE YEAR WARRANTY 1

PLASMA CUTTER YEAR WARRANTY 1

PT31 Plasma Torch

Earth Cable

P60 Torch

P80 Torch

MODEL CUT 40K

PART NUMBER MCW4082B
BARCODE 6003380877164

OUTPUT

PROCESS PLASMA
HIGH FREQUENCY TOUCH START
MAX STEEL THICKNESS 0.6MM TO 10MM
AMPS 40
DUTY CYCLE 60%
OCV 230

INPUT

VOLTS 220
AMPS 47

GENERAL

COOLING FAN
IP 21
DIMENSIONS (MM) L-410XW-195XH-590
NET WEIGHT (KG) 27

MODEL CUT 40H

PART NUMBER MCW4082
BARCODE 6003380853553

OUTPUT

PROCESS PLASMA
HIGH FREQUENCY TOUCH START
MAX STEEL THICKNESS 0.6MM TO 10MM
PRESSURE 4.5 BAR
AMPS 40
DUTY CYCLE 60%
OCV 230

INPUT

VOLTS 220
AMPS 30

GENERAL

COOLING FAN
IP 21
DIMENSIONS (MM) L-485XW-195XH-320
NET WEIGHT (KG) 9

MODEL CUT 60H

PART NUMBER EWM0131-I
BARCODE 600338086396

OUTPUT

PROCESS PLASMA
HIGH FREQUENCY PILOT ARC START
MAX STEEL THICKNESS 1.0MM TO 20MM
PRESSURE 4.5 BAR TO 5.5 BAR
AMPS 60
DUTY CYCLE 60%
OCV 296

INPUT

VOLTS 380
AMPS 12

GENERAL

COOLING FAN
IP 21
DIMENSIONS (MM) L-450XW-190XH-345
NET WEIGHT (KG) 19

MODEL CUT 100H

PART NUMBER EWM0132-I
BARCODE 6003380865402

OUTPUT

PROCESS PLASMA
HIGH FREQUENCY PILOT ARC START
MAX STEEL THICKNESS 1.0MM TO 30MM
PRESSURE 4.5 BAR TO 5.5 BAR
AMPS 100
DUTY CYCLE 60%
OCV 296

INPUT

VOLTS 380
AMPS 23.1

GENERAL

COOLING FAN
IP 21
DIMENSIONS (MM) L-635XW-455XH-515
NET WEIGHT (KG) 19
PT 31 Plasma Torch x 5M

- Plasma torch for Cut 40 H MCOW4082
- 60% Duty cycle @ 40 Amp
- Touch start /drag cutting

Consumable assembly

Consumables for PT 31 (CUT 40 H)

- Starter Pack Short EWPACP001
  Code no: EWP0206
  Barcode: 6003398056967
- Tips Short EWPACP0040H
  Code no: EWP0207
  Barcode: 6003398074152
- Electrodes Short EWPACP0040LH
  Code no: EWP0208
  Barcode: 6003398074169
- Shield Cups EWPACP0031H
  Code no: EWP0209
  Barcode: 6003398053676

PT 31 Torch Head EWP0210
- Replacement parts for PT 31
- Handle not included

PT 31 Handle EWP0205
- Handle not included

P60 Plasma Torch x 4M

- Plasma torch for Cut 60 H EWM0131-I
- 60% Duty cycle @ 60 Amp
- H.F start

Consumable assembly

Consumables for P60 (CUT 60 H)

- P 60 Starter Pack EWPACP002
  Code no: EWP0210
  Barcode: 6003398059715
- P 60 Tips 1.2MM EWPACP0041
  Code no: EWP0217
  Barcode: 6003398074176
- P 60 Electrodes EWPACP0041
  Code no: EWP0218
  Barcode: 6003398053676
- P 60 Shield Cups EWPACP0040H
  Code no: EWP0219
  Barcode: 6003398059739

P 60 Guides EWPACP0011G
- Code no: EWP0220
  Barcode: 6003398059755

P 60 / P 80 Handle EWP0227
- Code no: EWP0228
  Barcode: 6003398057100

P 60 / P 80 Switch EWTT0226T
- Code no: EWTT0226T
  Barcode: 600339804588

P 60 Torch Head EWP0215
- Replacement parts for P 60
- Handle not included

PT 31 Switch EWTT0226T
- Replacement parts for PT 31
- Handle not included

P80 Plasma Torch x 5M

- Plasma torch for Cut 100 H EWM0132-I
- 60% Duty cycle @ 100 Amp
- H.F start

Consumable assembly

Consumables for P80 (CUT 100 H)

- P80 Shield Cups EWPACP0012
  Code no: EWP0222
  Barcode: 6003398057056
- P80 Tips 1.5MM EWPACP0042
  Code no: EWP0224
  Barcode: 6003398057094
- P80 Electrodes EWPACP0042
  Code no: EWP0225
  Barcode: 6003398057073

P 80 Guide Wheel EWP0224
- Code no: EWP0224
  Barcode: 6003398057070

P 80 Torch Head EWP0225
- Replacement parts for P 80
- Handle not included
Argon Flowmeter

- Forged brass body for maximum strength and safety
- Easy to read tube and 53mm Gauge (bar/psi or kpa/psi)
- Virtually unbreakable
- Max flow rate 239pm
- Transparent polycarbonate outer tube for added strength and visibility
- Sintered bronze inlet filter to trap impurities
- Reliable external safety relief valve

Code no: Barcode: EWREG0013 6003751364098

Suitable for argon and mixed argon gas • For use on MIG and TIG welder

Single Stage Regulator - Acetylene

- Forged brass body for maximum strength
- Easy to read Gauges
- Large 70mm Diaphragm for sufficient Acetylene flow to cut 300mm
- Sintered Metal inlet filter to trap impurities
- Max. delivery pressure (bar): 1.4
- Working pressure (bar): 0-2.5
- Cylinder pressure (bar): 0-40

Code no: Barcode: EWREG0003 6003751019974

Suitable for gas welding, heating and cutting

Single Stage Regulator - Oxygen

- Forged brass body for maximum strength
- Easy to read Gauges
- Large 70mm Diaphragm for sufficient oxygen flow to cut 300mm
- Sintered Metal inlet filter to trap impurities
- Max. delivery pressure (bar): 7.0
- Working pressure (bar): 0-16
- Cylinder pressure (bar): 0-315

Code no: Barcode: EWREG0004 600398053867

Suitable for gas welding, heating and cutting

Complete One Piece Gas Cutting Torch (Saffire Style)

- Cutting capacity – 3mm to 300mm
- Head and body in forged brass for maximum strength
- Torch is 500mm long
- Head at 90º bend
- In line stainless steel gas tubes for better heat and backfire resistance
- Aluminium handle
- Stainless steel lever
- Uses ANM / ANME / PNM / PNME nozzles

Code no: Barcode: EWREG0006 600398053843

Conforms to EN ISO 5172

Gas Combination Kit

Contents:
- Single stage oxygen regulator
- Swaged nozzles 3, 5, 7
- Single stage acetylene regulator
- Flash back arrestors (Regulator mount)
- Handle / Shank
- Nozzle cleaner • Mixer
- Triple flint Lighter
- ANM 1.2mm cutting nozzle
- Goggles • Twin hose • O ring set
- Weld up to 9mm & Cut up to 200mm

Code no: Barcode: EWCUT0001 600398057117

Heavy duty outfit for cutting, Heating, Gouging, Welding, Soldering Braising and Hardfacing.

Cutting Attachment (Saffire)

- Cutting capacity – 3mm to 200mm
- Head and body in forged brass for maximum strength
- In line stainless steel gas tubes for better heat and backfire resistance
- Stainless steel lever
- Uses ANM/ ANME/ PNM/ PNME nozzles

Code no: Barcode: EWCUT0002 600398057124

Must be used with EWCUT0003

Handle/ Shank (Saffire)

- Weld up to 9mm and Cut up to 200mm
- In line stainless steel gas tubes for better heat and backfire resistance
- Aluminium handle

Code no: Barcode: EWCUT0003 600398057131

Can be used with EWCUT0002 & EWREG0015

Mixer (Saffire)

- Must be used with EWCUT0003
- Uses Swaged nozzles 3, 5, 7

Code no: Barcode: EWREG0015 600398057506

Must be used with EWCUT0003

Nozzle Cleaners

- Assortment of pin files for cleaning nozzles

Code no: Barcode: EWC0100 600398060490

Sold individually

Triple Flint Lighters

- Easy operation gas lighter
- Triple head for long life

Code no: Barcode: EWC0101 600398060506

Sold individually

Triple Flint Renewals

- Replacement head for triple flint lighter

Code no: Barcode: EWC0102 600398060513

Sold individually

Conformsto EN ISO 5172

Heavydutyoutfitforcutting, Heating,Gouging,Welding,SolderingBrazingandHardfacing.
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**Pre-Packs**

Can be used with EWREG0006 & EWUT0002

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**Pre-Packs**

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**Pre-Packs**

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Can be used with EWREG0006 & EWUT0002
GAS CONSUMABLES & ACCESSORIES

---

**Torch Mounted Flashback Arrestor 3/8**

- Protection against flashback & gas reverse flow
- Spring loaded non return valve
- Sintered stainless steel flame arrester

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**Pre-Packs**

For use with Tradeweld gas torches and regulators

**Oxygen Hose 8mm (Blue)**

8mm inner diameter reinforced hose

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**Sold per meter**

**Hose Fittings**

- Replacement nuts and tailpieces for oxy acetylene hose

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<td>EWTO0243</td>
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**Sold individually**

**Y Piece Connector**

- For operating two gas lines from one regulator

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**Suitable for use on the Tradeweld flowmeters**

---

**Regular Mounted Flashback Arrestor 3/8**

- Protection against flashback & gas reverse flow
- Spring loaded non return valve
- Sintered stainless steel flame arrester

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<td>EWREG0002</td>
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**Pre-Packs**

For use with Tradeweld gas torches and regulators

**Acetylene Hose 8mm (Red)**

8mm inner diameter reinforced hose

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**Sold per meter**

**Flashback Arrester for Cutting Machines**

- Compact straight line cutter
- Durable aluminium design
- Forward and reverse function
- Supplied with cutting torch & 1.8m Track
- Extra tracks available

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**For use with Gas cutting**

---

**Pre-packed Brazing Rods**

- Suitable for brazing
- Solder carbon steel
- Supplied in straight cut lengths
- Used in the repair of automotive parts, pipes, tanks, trailers, refrigeration equipment, aluminium casting, and structural shapes
- Widely used as a general purpose silver brazing filler metal as well as in joining copper to steel in refrigeration pipe work
- Flux coated silver brazing type alloy for joining all ferrous and copper metals, stainless steel, nickel and its alloys, steel castings, malleable and cast iron, tungsten carbides
- Suitable for brazing

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**Aluminium Flux 50g**

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**Suitable for Brazing**

---

Page 121
**Non Adjustable**

- Auto darkening lens is ANSI Approved
- Fixed shade of DIN 10/11 & clear state shade DIN 4
- Lens darkening reaction time is 1/5000 of a second
- Fully adjustable headgear provides comfort & reduces fatigue

**FULLY Adjustable**

- Auto darkening lens is ANSI Approved
- Variable shade of DIN 9 – 13 & clear state shade DIN 4
- Lens darkening reaction time is 1/15000 of a second
- Fully adjustable headgear
- Uses 2 x AAA Batteries
- Variable sensitivity and delay controls
- Grinding function

**Accessories available:**

- EWLENS014 6003398075166 • Auto Darkening Filter Lens 006
- EWLENS010 6003398060728 • Inner Clear Lens 006
- EWLENS011 6003398060735 • Outer Clear Lens 006
- EWLENS018 6003398075203 • Solar Helmet Head Gear

**Ideal for MIG and STICK welding & TIG rated 35A (DC)**

**Skull Cap**

- For protection of the head and neck during welding

**Goggles**

- Ideal for Gas welding

**Auto Goggles**

- Auto darkening lens is ANSI Z87.1 Approved
- Fixed shade of DIN 10/11 & clear state shade DIN 3
- Lens darkening reaction time is 0.5ms

**Solar Helmet Head Gear**

- Fits standard welding helmet

**FULLY ADJUSTABLE**

- Auto darkening lens is ANSI Approved
- Variable shade of DIN 9 – 13 & clear state shade DIN 4
- Lens darkening reaction time is 1/25000 of a second
- Fully adjustable headgear
- Uses 2 x AAA Batteries
- Variable sensitivity and delay controls
- Grinding function

**Accessories available:**

- EWLENS012 6003398075142 • Auto Darkening Filter Lens 005
- EWLENS013 6003398075159 • Outer Clear Lens 005
- EWLENS018 6003398075203 • Solar Helmet Head Gear

**Ideal for MIG and STICK welding & TIG rated 20A (DC)**

**Flip Front Face Shield**

- Standard welding helmet
- Adjustable headgear
- Lens size 108 x 51mm

**Pre-Packs**

**Safety Goggles - Clear**

- Ideal for grinding, inspectors, forman, visitors, etc.

**Code no:** EWHEL0007 6003398066881

**WELDING FACE SHIELDS & GOGGLES**

**Goggles**

- Ideal for Gas welding

**Code no:** T00W4243 6003751006974

**Sold individually**

**Flip Front Face Shield**

- Standard welding helmet
- Adjustable headgear
- Lens size 108 x 51mm

**Code no:** T00W4242 6003751009067

**Sold individually**

**Auto Goggles**

- Auto darkening lens is ANSI Z87.1 Approved
- Fixed shade of DIN 10/11 & clear state shade DIN 3
- Lens darkening reaction time is 0.5ms

**Code no:** T00W4263 6003398055953

**Ideal for robotic & automated welding, inspectors, visitors, etc.**

**Code no:** T00G727B 6003751002488

**Sold individually**

**Safety Goggles - Clear**

- Ideal for grinding, inspectors, forman, visitors, etc.

**Code no:** T00G727 6003751002488

**Sold individually**

**FULLY ADJUSTABLE**

- Auto darkening lens is ANSI Approved
- Variable shade of DIN 9 – 13 & clear state shade DIN 4
- Lens darkening reaction time is 1/15000 of a second
- Fully adjustable headgear
- Uses 2 x AAA Batteries
- Variable sensitivity and delay controls
- Grinding function

**Accessories available:**

- EWLENS015 6003398075173 • Auto Darkening Filter Lens 007
- EWLENS016 6003398075180 • Inner Clear Lens 007
- EWLENS017 6003398075197 • Outer Clear Lens 007
- EWLENS018 6003398075203 • Solar Helmet Head Gear

**Ideal for MIG and STICK welding & TIG rated 5A (DC + AC)**

**Replacement Lenses**

- • Auto Darkening Filter Lens 005
- • Outer Clear Lens 005
- • Solar Helmet Head Gear

**Code no:** EWHEL0005 6003398060605

**Sold individually**

**Full Year Warranty**
# SAFETY EQUIPMENT & ARC ACCESSORIES

## CHROME LEATHER GLOVES
- 8”
- Elbow

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## CHROME LEATHER GLOVES
- 2.5”
- Wrist

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## CHROME LEATHER GLOVES
- 2.5”
- Wrist
- Green lined

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## Workers’ Glove
- Candy Stripe
- Wrist

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## Workers’ Glove
- Candy Stripe
- Wrist

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## Electrode Holder KD 300 Amp
- Heavy Duty
- Industrial
- Collet Type – (Optimus)

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## Electrode Holder KD 500 Amp
- Heavy Duty
- Industrial
- Collet Type – (Optimus)

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## Electrode Holder 300 Amp
- Heavy Duty
- Industrial
- Collet Type – (Optimus)

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## Electrode Holder 400 Amp
- Heavy Duty
- Industrial
- Collet Type – (Optimus)

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## Electrode Holder 600 Amp
- Heavy Duty
- Industrial
- Collet Type – (Optimus)

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<tr>
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## Arc Earth Clamp 300 Amp Crocodile style
- G - Type Brass Earth Clamp 500 Amp
- Heavy Duty

<table>
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## Arc Earth Clamp 500 Amp Crocodile style
- G - Type Brass Earth Clamp 500 Amp
- Heavy Duty

<table>
<thead>
<tr>
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<th>Barcode:</th>
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<tbody>
<tr>
<td>EWC0084</td>
<td>6003398060315</td>
<td>Sold individually</td>
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</table>
### Welding Accessories

**Pre-Pack Cable Lug 16-10mm**
- Rated at 200 Amps
- Used on cables with an area of 10mm² to 25mm²
- Used on welding cables to fit on most welding machines

**Pre-Pack Machine Sockets 10-25mm**
- Rated at 200 Amps
- Used on cables with an area of 10mm² to 25mm²
- Used to connect welding cables together

**Female Cable Connector 10-25mm**
- Connectors
- Rated at 200 Amps
- Used on cables with an area of 10mm² to 25mm²
- Used to connect welding cables together

**Pre-Pack Jack Plugs 10-25mm**
- Rated at 200 Amps
- Used on cables with an area of 10mm² to 25mm²
- Used on welding cables to fit on most welding machines

**Pre-Pack Machine Sockets 35-50mm**
- Rated at 350 Amps
- Used on cables with an area of 35mm² to 50mm²
- Used to connect welding cables together

**Female Cable Connector 35-50mm**
- Connectors
- Rated at 350 Amps
- Used on cables with an area of 35mm² to 50mm²
- Used to connect welding cables together

**Pre-Pack Jack Plugs 35-50mm**
- Rated at 350 Amps
- Used on cables with an area of 35mm² to 50mm²
- Used on welding cables to fit on most welding machines

**Pre-Pack Machine Sockets 35-50mm**
- Rated at 350 Amps
- Used on cables with an area of 35mm² to 50mm²
- Used to connect welding cables together

**Female Cable Connector 35-50mm**
- Connectors
- Rated at 350 Amps
- Used on cables with an area of 35mm² to 50mm²
- Used to connect welding cables together

**Jack Plugs 50-70mm**
- Rated at 500 Amps
- Used on cables with an area of 50mm² to 70mm²
- Used on welding cables to fit on most welding machines

**Machine Sockets 50-70mm**
- Rated at 500 Amps
- Used on cables with an area of 50mm² to 70mm²
- Used on welding cables to connect welding machines

**Female Cable Connector 50-70mm**
- Connectors
- Rated at 500 Amps
- Used on cables with an area of 50mm² to 70mm²
- Used to connect welding cables together

**Dinse Connector DIGITEC 10-25mm**
- For MCOW4226 Digitec 200

**Bar Connector red**
- For ARC 500/600 EWM0013-I & EWM0014-I

**Bar Connector Black**
- For ARC 500/600 EWM0013-I & EWM0014-I

**Welding Consumables**

- 16mm² area 60% duty cycle at 105 Amps
- 25mm² area 60% duty cycle at 135 Amps
- 35mm² area 60% duty cycle at 180 Amps
- 50mm² area 60% duty cycle at 295 Amps
- 70mm² area 60% duty cycle at 350 Amps

**Welding Cables**

- Bar Connector red
- Bar Connector Black

**Pre-Pack Cable Lug 16-10mm**
- Sold in Packs of 4

**Pre-Pack Cable Lug 25-10mm**
- Sold in Packs of 4

**Pre-Pack Cable Lug 35-10mm**
- Sold in Packs of 4

**Welding Cables**

- Sold per meter

**Journal Numbers**

- 2 per pack
- 4 per pack
- 4 per pack
- 4 per pack
- 4 per pack
- 4 per pack
### 5 Row Wire Brush
- **Mild Steel**

<table>
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**Sold Individually**

### 4 Row Wire Brush
- **Mild Steel**

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**Sold Individually**

### Chipping Hammer
- **Spring Steel Handle**

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**Sold Individually**

### Pre-Pack Welding Clamp Magnet
- **Small**
- **72mm**

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**Sold Individually**

### ARC Welding Kit - 6 Pc Semi Industrial

- Flip front face shield
- 2.5m x 16mm green welding cable with earth clamp
- 2.5m x 16mm green welding cable with electrode holder
- 5 Row wire brush
- Metal chipping hammer
- Pair of welding gloves

<table>
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**Sold Individually**

### Earth & Electrode Welding Cable Set

- Jack Plug Fitting 10-25 (Blue)
- 1 x 300 amp Electrode holder
- 1 x 300 amp Earth clamp
- 2 x 16 x 10mm Lug type connectors
- 2 x 1.5m, 25mm² Blue welding cable

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**Ideal for Inverter type welding machines**

### Earth & Electrode Welding Cable Set

- Jack Plug Fitting 10-25 (Green)
- 1 x 300 amp Electrode holder
- 1 x 300 amp Earth clamp
- 2 x Jack plug 10-25 dinse type connectors
- 2 x 1.5m, 16mm² Green welding cable

<table>
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**Ideal for Inverter type welding machines**

### Earth & Electrode Welding Cable Set H/D

(Oil Cooled Machines) – Lug Fitting
- 1 x 300 amp Electrode holder
- 1 x 300 amp Earth clamp
- 2 x 16 x 10mm Lug type connectors
- 2 x 2.5m, 25mm² Blue welding cable

<table>
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<th>Code no:</th>
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<tr>
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**Ideal for transformer/ oil type welding machines**

### Coarse Block Brush

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**Sold Individually**

### Plastic Sword Brush With Scraper
- **4 x 16**

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**Sold Individually**

### Kwikweld Transformer Oil 1L
- **For oil cooled welders**

<table>
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**Sold Individually**

### Earth & Electrode Welding Cable Set H/D

(Oil Cooled Machines) – Lug Fitting
- 1 x 300 amp Electrode holder
- 1 x 300 amp Earth clamp
- 2 x 16 x 10mm Lug type connectors
- 2 x 2.5m, 25mm² Blue welding cable

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</tbody>
</table>

**Ideal for transformer/ oil type welding machines**
Tradeweld E6013 is a smooth running, all positional (including vertical down) rutile type electrode featuring low spatter loss & high operator appeal. Its superiority in general shop welding & structural work, & its ability to weld on rusty plate surfaces makes it the ideal choice for general purpose welding. Slag is quick freezing & easily detached from fillet and butt welds & in many cases, is self lifting. The appearance of the weld is excellent.

Tradeweld E7018-1 is an all position low hydrogen electrode designed for high quality, high speed welding on a wide range of carbon & alloy steels requiring radiographic examination. Metal transfer is of smooth spray type with stable arc.

Tradeweld E308L-16 is a rutile basic all position stainless steel electrode for 19CR 10Ni type steels as well as 201, 202, 301, 302, 304L & 308 excellent corrosion resistance in oxidising environments such as nitric acid, smooth bead appearance & easy slag release as well as corrosion resisting than CHM-308, CHG308.

Tradeweld E316L-16 is a rutile coated stainless electrode. Easy to weld in all positions (except vertical down). The highly alloyed electrode is extremely resistant to hot cracking even when diluted with carbon, austenitic & high alloys of steel. Weld deposits give excellent resistance to corrosion and oxidation & good scaling resistance up to 1000°C (1850°F). Recommended for the repair & maintenance of all steels, particularly those of unknown compositions, joining dissimilar steels such as stainless steel to carbon steels and repairing Die’s & Tool steels. Use a buffer layer prior to hard surfacing.

A low carbon rutile steel electrode. Easy to weld in all positions (except vertical down). The smooth arc transfer characteristics leaves low spatter levels, excellent bead shape & good slag removal. Applications for Tradeweld E316L-16 include the single & multi-pass welding of matching molybdenum content bearing stainless steel such as 301, 302, 303, 304, and 304L types. The 2.5% molybdenum content gives the creep strength for higher temperatures applications.
TRADEweld offers a comprehensive range of welding electrodes for most applications.

E-mail: sales@lgtools.co.za
Tel: 031 717 6800
www.lgtools.co.za
Order on RapidTrade
MIG Wire

Mild Steel MIG Wire 5kg

- A general purpose mild steel welding wire
- Suitable for single-pass and multi-pass welding for structures fabricated by carbon steel and 500MPa grade low alloy steel such as vehicles, bridges, construction and mechanical structures

<table>
<thead>
<tr>
<th>Code no:</th>
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Sold Individually in 5kg Spools

Mild Steel MIG Wire 15kg

- A general purpose mild steel welding wire
- Suitable for single-pass and multi-pass welding for structures fabricated by carbon steel and 500MPa grade low alloy steel such as vehicles, bridges, construction and mechanical structures

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<td>EWMG0004</td>
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Sold Individually in 15kg Spools

Mild Steel Flux Cored MIG Wire 5kg

- A general purpose gasless mild steel welding wire
- Ideal for welding on site, non cosmetic finish

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Sold Individually in 5kg Spools

Mild Steel Flux Cored (Gas Assisted) MIG Wire 15kg

- A flux cored gas assisted mild steel welding wire
- Suitable for welding medium and thick plates fabricated by mild steel and 490Mpa high strength steel
- Popularly used in flat and horizontal and fillet welds of vessels, machines and bridges

<table>
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<td>EWMG0009</td>
<td>ER 71-T1 1.6MM</td>
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 Sold Individually in 15kg Spools

Stainless Steel 308L MIG Wire 15kg

- Used to weld 302, 304L wrought & cast form stainless steel
- Excellent for joining similar austenitic stainless steel

<table>
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<th>Code no:</th>
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<th>Barcode:</th>
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</thead>
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<td>EWMG0017</td>
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<tr>
<td>EWMG0010</td>
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Sold Individually in 15kg Spools

Stainless Steel 309L MIG Wire 15kg

- Used to weld dissimilar alloys like mild to stainless steel
- Excellent toughness and high strength

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<th>Code no:</th>
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<th>Barcode:</th>
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<tbody>
<tr>
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<tr>
<td>EWMG0011</td>
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Sold Individually in 15kg Spools

Stainless Steel 316L MIG Wire 15kg

- Used for low impact toughness & high strength and welds that need a low ferrite.
- Used to weld stainless 316L together & has excellent anti corrosion property's

<table>
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<th>Barcode:</th>
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<td>EWMG0015</td>
<td>ER316L 1.2MM</td>
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</table>

Sold Individually in 15kg Spools

Aluminium MIG Wire For Spool Gun 500g

- ALUMINIUM MIG WIRE 4043 0.8MM
  - 5% Silicon, softer than 5356 it is a general purpose filler alloy
  - Less sensitive to cracking & produces a shiny clean weld
  - Excellent for joining cast to wrought form alloys

- ALUMINIUM MIG WIRE 5356 0.8MM
  - 5% Magnesium, it has a high shear strength, corrosion & crack resistance
  - Used to weld/repair injection moulds and in the marine environment

<table>
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<tr>
<th>Code no:</th>
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<td>EWMG0021</td>
<td>ALUMINIUM MIG WIRE 5356 0.8MM</td>
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</table>

Sold Individually in 500g Spools
Stainless Steel 308 TIG Wire

- Used to weld 302, 304L wrought & cast form stainless steel
- Excellent for joining similar austenitic stainless steel

Code no: Description: Barcode:
EWSW00030 ER308 1.6MM 6003398061329
EWSW00031 ER308 2.4MM 6003398061336
EWSW00032 ER308 3.2MM 6003398061343

Sold in 5kg Tubes

Stainless Steel 316 TIG Wire

- Used for low impact toughness & high strength and welds that need a low ferrite.
- Used to weld stainless 316L together & has excellent anti corrosion property’s

Code no: Description: Barcode:
EWSW00025 ER316 1.6MM 6003398061299
EWSW00026 ER316 2.4MM 6003398061305
EWSW00027 ER316 3.2MM 6003398061312

Sold in 5kg Tubes

Aluminium TIG Wire (5KG)

- 5% Silicon, softer than 5356
- It is a general purpose filler alloy
- Less sensitive to cracking and produces a shiny clean weld
- Excellent for joining cast to wrought form alloys

Code no: Description: Barcode:
EWMG00022 4043 1.6MM 6003398074596
EWMG00023 4043 2.4MM 6003398074602
EWMG00024 4043 3.2MM 6003398074619
- 5% Magnesium, it has a high shear strength, corrosion and crack resistance
- Used to weld/repair injection moulds and in the marine environment

Code no: Description: Barcode:
EWMG00025 5356 1.6MM 6003398074626
EWMG00026 5356 2.4MM 6003398074633
EWMG00027 5356 3.2MM 6003398074640

Sold in 5kg Tubes