Auweld AuARC 200

Compact welder at 7kg with the portability and dependability you’ll need out at site. Welds up to 3.2mm electrode, 7kg worth of pure welding power for excellent site performance

### Item | Unit | AuARC 200
--- | --- | ---
Weight | kg | 5.5
Power Supply | V/Hz | 230
Input Current | A | 39
Rated Input Capacity | kVA | 8.7
Output Current | A | 20 - 200
OCV | V/Hz | 70
Rated Output | % | 35% at 200
Electrode / Wire Diameter | mm | up to 3.2

### Processes
- Stick (SMAW)

### Features
- IGBT Technology - For savings in electricity and improvement in weld quality
- Digital Meter - For accurate readings
- Overheat Sensor - Protects your machine from thermal shock
- Wind Tunnel Design - For efficient heat dissipation

### Optional accessories
- MAKO Gloves

### Consumables
- BLUE-ARC 3R
- BLUE-ARC 16

* Please consult our sales representative for more information

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**Inclusive accessories**

- Welding Lead (3m)
- Ground Lead (3m)
- Hand Brush
### Auweld AuARC 250

Reliable yet lightweight STICK/TIG welding machine designed for portability. 230 amps of output is ideal for electrodes up to 4.0mm

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>AuARC 250</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>kg</td>
<td>6.2</td>
</tr>
<tr>
<td>Power Supply</td>
<td>V/Hz</td>
<td>230</td>
</tr>
<tr>
<td>Input Current</td>
<td>A</td>
<td>43</td>
</tr>
<tr>
<td>Output Current</td>
<td>A</td>
<td>30 - 230</td>
</tr>
<tr>
<td>OCV</td>
<td>V</td>
<td>78</td>
</tr>
<tr>
<td>Rated Output</td>
<td>% at A</td>
<td>60% at 230</td>
</tr>
<tr>
<td>Electrode / Wire Diameter</td>
<td>mm</td>
<td>1.6 - 4.0</td>
</tr>
</tbody>
</table>

**Processes**
- Stick (SMAW)
- TIG (GTAW) (Strike Arc)

**Features**
- IGBT Inverter core - Gives stable arc, lesser spatter, higher efficiency and energy saving
- Digital Meter - For accurate readings
- Overheat Sensor - Protects your machine from thermal shock
- Overvoltage Protection - Protects your machine from unstable voltage supply

**Optional accessories**
- Chipping Hammer
- TIG Torch

**Consumables**
- BLUE-ARC 3R
- BLUE-ARC 16
- BLUE-TIG S6

*Please consult our sales representative for more information*

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Inclusive accessories

- Welding Lead (3m)
- Ground Lead (3m)
Welding Equipment

Auweld AuARC 400

Lightweight at 22 kg, this heavy duty machine establishes itself as a reliable, rugged but yet portable machine

Processes
- Stick (SMAW)

Features
- IGBT Technology - The core adopts advanced IGBT device that gives stable arc, lesser spatter and higher efficiency
- Wider range for input voltage - 415V+15%
- Digital Meter - To preset and display accurate readings of welding current
- Arc force and Hot start adjustable - Easy for striking the arc
- VRD Function - Key Safety Feature to protect the welders
- Energy Saving - More efficient compared to the traditional SCR machine

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>AuARC 400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>kg</td>
<td>22</td>
</tr>
<tr>
<td>Power Supply</td>
<td>V/Hz</td>
<td>415</td>
</tr>
<tr>
<td>Input Current</td>
<td>A</td>
<td>35.2</td>
</tr>
<tr>
<td>Output Current</td>
<td>A</td>
<td>40 - 400</td>
</tr>
<tr>
<td>OCV</td>
<td>V</td>
<td>68</td>
</tr>
<tr>
<td>Rated Output % at A</td>
<td></td>
<td>40% at 400</td>
</tr>
<tr>
<td>Electrode / Wire Diameter</td>
<td>mm</td>
<td>1.6 - 6.0</td>
</tr>
</tbody>
</table>

Inclusive accessories

Optional accessories
- Auto Darkening Helmet
- MAKO Gloves

Consumables
- BLUE-ARC 3R
- BLUE-ARC 16

* Please consult our sales representative for more information

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  Hotline: (65) 6262 3633
  Email: enquiry@auweld.com
Auweld AuARC 500

Lightweight at 26 kg, this multi-process machine fulfils both Stick Welding and Gouging needs. This heavy duty machine is reliable and rugged to meet the yard’s requirements for intensive use.

**Processes**
- Stick (SMAW)
- Gouging

**Features**
- IGBT Technology - The core adopts advanced IGBT device that gives stable arc, lesser spatter and higher efficiency
- Versatile with a wider range for input voltage: 415V+15%
- Digital Meter - To preset and display accurate readings of welding current
- Arc force and Hot start adjustable - Enables easy striking of the arc
- The VRD Function - Reduces risk of electric shock
- Energy Saving - More efficient compared with the traditional SCR machine

**Item** | **Unit** | **AuARC 500**
---|---|---
Weight | kg | 26
Power Supply | V/Hz | 415
Input Current | A | 36.1
Output Current | A | 40 - 500
OCV | V | 65
Rated Output | % at A | 40% at 500
Electrode / Wire Diameter | mm | 1.6 - 6.0

**Optional accessories**
- Gouging Torch
- Gouging Carbon

**Consumables**
- BLUE-ARC 3R
- BLUE-ARC 16

* Please consult our sales representative for more information

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**Inclusive accessories**
- Welding Lead (3m)
- Ground Lead (3m)

---

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**Auweld AuCUT 40**

Portable and easy to operate, a Plasma Cutter that can fulfil your light duty cutting needs. The AuCUT machine gives you greater efficiency and reliability in your cutting jobs at lower cost.

**Processes**
- Plasma Cutting

**Features**
- IGBT for greater efficiency and better control
- Max Cutting Thickness - 10 mm
- Quality Cutting Thickness - 8 mm
- Ultra-portable at 7 kg and dimensions of 460 x 280 x 345 mm

**Optional accessories**
- TIG Gloves

**Inclusive accessories**
- Cutting Torch (5m)
- Ground Lead (3m)

Inclusive of regulator and gas hose attached

* Please consult our sales representative for more information

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**Table:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>AuCUT 40</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>kg</td>
<td>7.1</td>
</tr>
<tr>
<td>Power Supply</td>
<td>V/Hz</td>
<td>230</td>
</tr>
<tr>
<td>Input Current</td>
<td>A</td>
<td>28</td>
</tr>
<tr>
<td>Rated Input Capacity</td>
<td>kVA</td>
<td>6.4</td>
</tr>
<tr>
<td>Output Current</td>
<td>A</td>
<td>20 - 40</td>
</tr>
<tr>
<td>OCV</td>
<td>V</td>
<td>280</td>
</tr>
<tr>
<td>Rated Output</td>
<td>% at A</td>
<td>60% at 40</td>
</tr>
<tr>
<td>Recommended Cutting Thickness v/ Max</td>
<td>mm</td>
<td>10 (MAX)</td>
</tr>
</tbody>
</table>
Auweld AuCUT 100

A reliable and stably Heavy Duty Plasma cutter to meet industrial cutting needs. This efficient and compact machine enables cutting of thickness up to 30mm.

**Processes**
- Plasma Cutting

**Features**
- IGBT for greater efficiency and better control
- Max Cutting Thickness - 30mm
- Efficient and low consumption for energy and cost savings
- Fast cutting speeds and less deformation

**Optional accessories**
- TIG Gloves

**Inclusive accessories**
- Gas Hose (3m)
- Ground Cable
- Cutting Torch (5m)

* Please consult our sales representative for more information

**Inclusive of regulator attached**

---

**Item** | **Unit** | **AuCUT 100**
--- | --- | ---
Weight | kg | 26
Power Supply | V/Hz | 415
Input Current | A | 22
Rated Input Capacity | kVA | 10.5
Output Current | A | 40 - 100 (% at A)
OCV | V | 120
Rated Output | % at A | 60% at 100
Recommended Cutting Thickness | mm | 30 (MAX)

---

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Tel: (65) 6262 6626 • Fax: (65) 6261 2688
Hotline: (65) 6262 3633
Email: enquiry@auweld.com
Auweld AuMIG 500

The serious welder's staple for FCAW and GMAW, the economic combination of consistency and stability. A competitive welder that will help you face the competitive environment in today's competitive times.

**Processes**
- MIG (GMAW & FCAW)
- Stick (SMAW)
- TIG (GTAW) (Strike Arc)

**Features**
- IGBT Inverter - For better arc stability
- Overheat Sensor - Protects your machine from overheating
- Stepless Heat and Wire speed setting for maximum sensitivity
- Slip-Free 4 roller feeding and easy adjust manual wire feeding
- Integrated Cylinder Rack and detachable feeder for convenient workshop usage
- Digital Display - For accurate readings

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>AuMIG 500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>kg</td>
<td>84</td>
</tr>
<tr>
<td>Power Supply</td>
<td>V/Hz</td>
<td>415</td>
</tr>
<tr>
<td>Input Current</td>
<td>A</td>
<td>41.8</td>
</tr>
<tr>
<td>Output Current</td>
<td>A</td>
<td>50 - 500</td>
</tr>
<tr>
<td>OCV</td>
<td>V</td>
<td>70</td>
</tr>
<tr>
<td>Rated Output % at A</td>
<td></td>
<td>60% at 500</td>
</tr>
<tr>
<td>Electrode / Wire Diameter</td>
<td>mm</td>
<td>1.0 - 1.6</td>
</tr>
</tbody>
</table>

Inclusive accessories
- MIG Welding Torch
- Ground Lead (5m)
- Control Cable (5m), Gas Hose and Hose Clamp
- Regulator (CO₂)
- Cooler

Optional accessories
- REGULATOR (CO₂)
- BLUE-TIG S6
- BLUECORE 71T
- BLUEMIG S6
- BLUE-ARC 3R
- BLUE-ARC 16

* Please consult our sales representative for more information

Consumables

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Auweld AuPRO 500

The reliable and multi-functional, highly efficient welding machine specialized for shipbuilding and industrial sectors. A powerful machine that enables an effective weld in many scenarios, including heavy industries and ship building. Proven and tested in the shipbuilding sector, this is a machine to look out for!

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>AuPRO 500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>kg</td>
<td>150</td>
</tr>
<tr>
<td>Power Supply</td>
<td>V/Hz</td>
<td>415</td>
</tr>
<tr>
<td>Input Current</td>
<td>A</td>
<td>41.5</td>
</tr>
<tr>
<td>Output Current</td>
<td>A</td>
<td>40 - 500</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(GMAW)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>60 - 500</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Gouging)</td>
</tr>
<tr>
<td>OCV</td>
<td>V</td>
<td>15 - 45</td>
</tr>
<tr>
<td>Rated Output</td>
<td>% at A</td>
<td>60% at 500</td>
</tr>
</tbody>
</table>

Processes
- MIG (GMAW & FCAW)
- TIG (GTAW) (Strike Arc)
- Stick (SMAW)
- Air Carbon Arc Gouging (CAC-A)

Features
- Allows for cable extension up to 120m
- Energy Saving Function - For power efficiency minimizing power wastage
- Input fluctuation and over current protection circuit protects your machine
- Regulates output in event of load variance for stable arc
- Stable, Made-in-Korea Thyristor based machine

Consumables
- BLUEMIG S6
- BLUETIG S6
- BLUECORE 71T
- BLUE-ARC 3R
- BLUE-ARC 16

Inclusive accessories
- Wire Feeder
- Torch Adaptor

Optional accessories
- MIG Torch
- Extension Cable of Differing Length

* Please consult our sales representative for more information
Auweld AuPRO 600

The multi-functional, highly efficient welding machine specialized for shipbuilding and structural steel fabricators and offshore fabricators. A powerful machine that enables an effective weld in many scenarios, including heavy industries and ship building. Proven and tested in the shipbuilding sector, this is a machine to look out for!

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>AuPRO 600</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>kg</td>
<td>199</td>
</tr>
<tr>
<td>Power Supply</td>
<td>V/Hz</td>
<td>415</td>
</tr>
<tr>
<td>Input Current</td>
<td>A</td>
<td>60.8</td>
</tr>
<tr>
<td>Output Current</td>
<td>A</td>
<td>50 - 720 (GMAW) 80 - 720 (Gouging)</td>
</tr>
<tr>
<td>OCV</td>
<td>V</td>
<td>15 - 52</td>
</tr>
<tr>
<td>Rated Output</td>
<td>% at A</td>
<td>100% at 600</td>
</tr>
</tbody>
</table>

Processes
- MIG (GMAW & FCAW)
- TIG (GTAW) (Strike Arc)
- Stick (SMAW)
- Air Carbon Arc Gouging (CAC-A)

Features
- Allows for cable extension up to 120m
- Energy Saving Function - For power efficiency minimizing power wastage
- 100% duty cycle at 600A
- Input fluctuation and over current protection circuit protects your machine
- Regulates output in event of load variance for stable arc
- Stable, Made-in-Korea Thyristor based machine

Consumables
- BLUEMIG S6
- BLUERCORE 71T
- BLUE-TIG S6
- BLUE-ARC 3R
- BLUE-ARC 16

* Please consult our sales representative for more information

Inclusive accessories
- Wire Feeder
- Torch Adaptor

Optional accessories
- MIG Torch
- Extension Cable of Differing Length (Welding Cable) extension kit

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Tel: (65) 6262 6626 • Fax: (65) 6261 2688
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Email: enquiry@auweld.com
The easy to understand AuTIG 200 Pulse allows for minimal adjustments required while obtaining the ideal performance you’ll need for a TIG welder.

### Processes
- TIG (GTAW)
- Stick (SMAW)

### Features
- IGBT Inverter Core - Gives stable arc, lesser spatter, higher efficiency and energy saving
- Digital Meter - For accurate readings
- Overheat Sensor - Protects your machine from thermal shock
- High Frequency - For easy HF arc start without tungsten or material contamination
- Stepless Setting - For accurate setting of your desired amperage
- Postflow - Prevents unnecessary contamination at the end of your weld

### Ratings

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>AuTIG 200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>kg</td>
<td>13</td>
</tr>
<tr>
<td>Power Supply</td>
<td>V/Hz</td>
<td>230</td>
</tr>
<tr>
<td>Input Current</td>
<td>A</td>
<td>26.8</td>
</tr>
<tr>
<td>Output Current</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>OCV</td>
<td>V</td>
<td>59</td>
</tr>
<tr>
<td>Rated Output</td>
<td>% at A</td>
<td>60% at 180</td>
</tr>
<tr>
<td>Electrode / Wire Diameter</td>
<td>mm</td>
<td>1.6 - 3.2</td>
</tr>
</tbody>
</table>

### Inclusive accessories
- 5m 200A TIG Welding Torch, Long Cap, #4, #5 Nozzle
- Ground Lead (2m)
- Gas Hose

### Optional accessories
- Regulator (Argon)
- Tungsten Electrode

### Consumables
- BLUE-TIG S6
- BLUE-ARC 3R
- BLUE-ARC 16

* Please consult our sales representative for more information

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Email: enquiry@auweld.com
### Auweld AuTIG 250 Pulse

All-encompassing TIG welder which combines durability, performance and value into one complete package.

#### Processes
- TIG (GTAW)
- Stick (SMAW)

#### Features
- Lightweight @ 23kg allows for use on-site
- Stepless Current - For accurate amperage setting
- Digital Meter - For accurate readings
- Overheat Sensor - Protects your machine from thermal shock
- High Frequency - For easy HF arc start without tungsten or material contamination
- Postflow - Protects the weld and electrode at end of weld, protecting your weld from unnecessary contamination

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>AuTIG 250</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>kg</td>
<td>23</td>
</tr>
<tr>
<td>Power Supply</td>
<td>V/Hz</td>
<td>230</td>
</tr>
<tr>
<td>Input Current</td>
<td>A</td>
<td>34</td>
</tr>
<tr>
<td>Output Current</td>
<td>A</td>
<td>5 - 250</td>
</tr>
<tr>
<td>OCV</td>
<td>V</td>
<td>21 - 30</td>
</tr>
<tr>
<td>Rated Output</td>
<td>% at A</td>
<td>60% at 250</td>
</tr>
<tr>
<td>Electrode / Wire Diameter</td>
<td>mm</td>
<td>1.6 - 4.0</td>
</tr>
</tbody>
</table>

#### Optional accessories
- Regulator (Argon)
- Cooler
- Tungsten Electrode

#### Consumables
- BLUE-TIG S6
- BLUE-ARC 3R
- BLUE-ARC 16

#### Inclusive accessories
- 200A 5m TIG Welding Torch
- Ground Lead (2m)
- Dinse Connector
- Gas Hose And Clamp

* Please consult our sales representative for more information
Auweld AuTIG 400 Pulse

Heavy duty TIG welding machine meant for users handling large exotic material that require strength and durability to withstand high amperage TIG welding

**Processes**
- TIG (GTAW)
- Stick (SMAW)

**Features**
- IGBT Inverter Core - Gives stable arc, lesser spatter, higher efficiency and energy saving
- Digital Meter - For accurate readings
- High Frequency - Strike start for easy of arc without tungsten or material contamination
- Stepless Setting - For accurate setting of your desired amperage
- Postflow - Protects the weld and electrode at end of weld, protecting your weld from unnecessary contamination
- Mobility - Wheels for convenient workshop movement

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>AuTIG 400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>kg</td>
<td>54</td>
</tr>
<tr>
<td>Power Supply</td>
<td>V/Hz</td>
<td>380</td>
</tr>
<tr>
<td>Input Current</td>
<td>A</td>
<td>26.4</td>
</tr>
<tr>
<td>Output Current</td>
<td>A</td>
<td>TIG: 20 - 400, SMAW: 25 - 350</td>
</tr>
<tr>
<td>OCV</td>
<td>V</td>
<td>72</td>
</tr>
<tr>
<td>Rated Output</td>
<td>% at A</td>
<td>60% at 400</td>
</tr>
</tbody>
</table>

**Inclusive accessories**
- 8m TIG Welding Torch
- Ground Lead (3m)
- 8mm Gas Hose (4m), 9 - 16 Hose Clamp - 2pc

**Optional accessories**
- Regulator (Argon)
- Cooler
- Tungsten Electrode

**Consumables**
- BLUE-TIG S6
- BLUE-ARC 3R
- BLUE-ARC 16

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