

# Beta Arc 400

Arc Stick MMA Welding  
Power Source

<p><b>Applications</b></p> <ul style="list-style-type: none"> <li>• Fabrication Industry</li> <li>• Process Pipework</li> <li>• Construction Sites</li> <li>• Pipeline Construction</li> <li>• Shipbuilding</li> </ul>	<p><b>Processes</b></p> <ul style="list-style-type: none"> <li>• Stick (MMA) Welding</li> <li>• Scratch TIG (optional Tig Kit Required)</li> </ul>	<p><b>Input Power:</b> 380v 3ph. 50/60Hz</p> <p><b>Output Power Range:</b> 20—400amps D.C.</p> <p><b>Weight:</b> 28Kg</p> <p><b>Dimensions:</b> 565 x 305 x 495 mm</p>
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## Beta Arc 400

Uses the latest Inverter technology with microprocessor control to produce a robust professional lightweight welding machine with an industrial duty cycle.

Ideal for workshop and construction site use, a portable yet rugged 3 phase input machine for demanding applications where a high duty cycle is required.

This 60% duty cycle machine is capable of MMA (Stick) welding utilising electrodes from 1.6mm to 5.0mm in most metals from mild steel through stainless steels, nickel alloys, cast irons, bronzes etc. including Cellulosic (E6010) type electrodes. Also capable of Arc-air gouging

The smooth D.C. output gives a stable arc characteristic resulting in high integrity, low spatter welds requiring minimum post weld clean up.

The infinitely variable output and digital display allows the user to accurately match the requirement of various electrodes, joint configurations and material thicknesses

Built in thermal overload protection



- **High Quality**
- **Inverter Technology**
- **Industrial Duty cycle**
- **Portable**
- **Lightweight**
- **Infinitely variable**
- **Thermal overload protection**
- **Three Phase input**
- **Rugged Metal Construction**
- **CE marked & certified**

### Beta Century

*“A new name in welding machines backed by 70 years of experience to give you better value and reliability “*

# Beta Century

Beta Century (UK) Ltd.  
Leading Suppliers of High Technology  
Welding & Plasma Cutting Machines

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## Specifications (Subject to alteration without notice)

<b>Technical Information</b>	
Input power voltage (V)	AC 380V +- 15% 3ph.
Frequency (Hz)	50/60
Input Rating (KVA)	18.0
Open Circuit Voltage (OCV)	67
Output Current range (A)	20—400
Rated Output Voltage	36
Duty Cycle (%)	400 Amps @ 60%
No-Load power (W)	100
Efficiency (%)	85
Power factor (COS $\phi$ )	0.93
Insulation Class	B
Protection Class	IP21
Weight (kg)	28
Overall dimensions (mm)	565 x 305 x 495
Diameter of electrodes	1.6mm, 2.0mm, 2.5mm, 3.2mm,4.0mm,5.0mm 6.0mm

### **Warranty**

This equipment is warranted against failure occurring due to faulty workmanship or materials and comes with a 2 year return to base warranty from date of purchase.

#### **Package includes: -**

- **Power Source**
- **Primary Cable**
- **European standard connecting plugs**

#### **Optional Extras: P.O.A.**

**Scratch Start TIG welding Kit Comprising - 4metre Valved Tig Torch with cable, Argon Regulator Accessory kit.**