

Beta Cut 40

Single phase Air Plasma Cutting System

Applications

- Maintenance
- Process Pipe work
- Sheet Metal Industry
- Service Engineers
- Fencing & Security
- Agriculture/Horticulture
- Hobbies & Home Users
- Auto Repairs

Processes

- Air Plasma Cutting

Input Power: 240v 1ph. 50/60Hz

Cutting Capacity: 10mm

Output Power :10—40 amps

Weight: 8 Kg

Dimensions: 371 x 155 x 295 mm

Beta Cut 40

Uses the latest Inverter technology to produce a small portable, extremely lightweight Plasma Cutting machine with an industrial duty cycle.

Ideal for many applications where portability and space/weight requirements are restricted.

This small lightweight unit is capable of cutting 10mm in most metals

The infinitely variable output and digital display allows the user to accurately set the power to match the material thicknesses

Touch Start technology eliminates the need for High Frequency and prolongs consumable life.

Can be powered by a generator for on site situations where there is no mains power available

Comes complete with a 4.5 metre cutting torch & cable. Air filter/regulator included in the package

Built in thermal overload protection



- **10mm Capacity**
- **High Quality**
- **Inverter Technology**
- **Industrial Duty cycle**
- **Portable**
- **Lightweight**
- **Infinitely variable**
- **Thermal overload protection**
- **Robust High Impact Plastic Case**
- **Single Phase input**
- **CE marked & certified**

Beta Century

“A new name in welding & Plasma Cutting 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)

Technical Information

Input power voltage (V)	AC 230V +- 10% 1ph.
Frequency (Hz)	50/60
Input Rating (KVA)	6
Open Circuit Voltage (OCV)	230
Output Current range (A)	10-40 amps
Rated Output Voltage	96
Duty Cycle (%)	40 Amps @ 60%
Arc-Starting	Touch
Efficiency (%)	85
Power factor (COS ϕ)	0.93
Insulation Class	B
Protection Class	IP21
Weight (kg)	8
Overall dimensions (mm)	371 x 155 x 295
Max. Cutting Thickness (mm)	10
Required Air Pressure (Bar)	4.0—5.5
Compressed Air Volume	0.17 m ³ /min (7.15 CuFt/min)
Air Quality	Dry Compressed Air

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**
- **4.5 metre Cutting Torch/Cable**
- **Earth return/Work Cable with clamp**
- **Air Regulator/Filter unit**
- **Starter Spares pack**

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