

Beta Cut 70

Three phase Air Plasma Cutting System

Applications

- Fabrication Industry
- Maintenance
- Process Pipe work
- Sheet Metal Industry
- Service Engineers
- Fencing & Security
- Commercial Vehicle Repairs

Processes

- Air Plasma Cutting

Input Power: 380v 3ph. 50/60Hz

Cutting Capacity: 20mm

Output Power :20—70 amps

Weight: 21Kg

Dimensions: 540 x 215 x 360 mm

Beta Cut 70

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 20mm in most metals

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

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

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

Built in thermal overload protection



- **20mm Capacity**
- **High Quality**
- **Inverter Technology**
- **Industrial Duty cycle**
- **Portable**
- **Lightweight**
- **Infinitely variable**
- **Thermal overload protection**
- **Rugged Metal Construction**
- **Three 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 380V +- 15% 3ph.
Frequency (Hz)	50/60
Input Rating (KVA)	11
Open Circuit Voltage (OCV)	240
Output Current range (A)	20-70 amps
Rated Output Voltage	108
Duty Cycle (%)	70 Amps @ 60%
Arc-Starting	HF
Efficiency (%)	85
Power factor (COS ϕ)	0.93
Insulation Class	B
Protection Class	IP21
Weight (kg)	21
Overall dimensions (mm)	540 x 215 x 360
Max. Cutting Thickness (mm)	20
Required Air Pressure (Bar)	5.0
Compressed Air Volume	0.25 m ³ /min (8.83 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**
- **Cutting Torch/Cable**
- **Earth return/Work Cable with clamp**
- **Air Regulator/Filter unit**
- **Starter Spares pack**

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