

**ZETA 40 / ZETA 60**

# **PRECISE CUTS AND NEW, PORTABLE USER ADVANTAGES**



Cuts in all electrically conductive materials

New, user-friendly design

Cheap to run – compressed air as plasma gas

Punched plate cutting

Pilot arc for perfect ignition

High-quality right-angle cuts

Prepared for use with asynchronous generator

**MICATRONIC**

The newly developed Migatronic Zeta plasma cutters featuring automatic pilot arc control, operational comfort and adjustable gas flow are suitable for both stationary use and on site repairs. Both machines can be connected to existing compressors and are prepared for use with asynchronous generator.



In the Migatronic Zeta 40 and Zeta 60, inverter technology combined with simplicity of operation ensure precise handling of the plasma cutting process in all conductive metals and metal alloys.

The mono-phase Zeta 40 performs quality cuts in up to 8 mm wall thickness. The three-phase Zeta 60 cuts up to 12 mm plates and performs separation of materials in up to 18 mm thick-

ness where no special demands are made on the quality of the cuts. Both plasma cutters in the new, rounded Migatronic design use only compressed air as plasma gas and can be connected to existing compressors for optimum cutting economy.

The control panel is easily operated. Amperage is adjusted according to wall thickness and power is adjusted automatically according to cutting speed.

### Pilot arc – perfect ignition and control of punched plates cutting

The automatic pilot arc control function ensures perfect ignition of the Zeta 40 and Zeta 60 every time. At the same time the pilot arc has a central function in punched plates cutting: the cutting arc extinguishes automatically when the plasma cutter torch reaches a punching. At the same time the pilot arc ignites and the cutting arc will reignite automatically once the operator has passed the punching.

### SPECIALS

- Robust and portable
- Automatic adjustment of power according to cutting speed
- Various sizes of nozzles for high quality cuts
- Circle cutting device and roller guide

## Technical data

MACHINE TYPE	ZETA 40	ZETA 60
Mains voltage	1 x 230 V	3 x 400 V
Fuse (PFC)	(16 A)	16 A
Current range	20-45 A	20-60 A
Duty cycle 40°C 40%	45 A	60 A
Duty cycle 40°C 100%	35 A	40 A
Protection class	IP 23	IP 23
Open circuit voltage	225 V	240 V
Air pressure	4-6 bar	4-6 bar
Consumption l/min.	100-160	100-160
Cut, quality, mm	< 8	< 12
Cut, max., mm	< 12	< 28
Dimensions L x W x H, mm	205 x 345 x 475	205 x 345 x 475
Weight, kg	19	20

We reserve the right to make changes

### England

Migatronic Welding Equipment Ltd.  
21, Jubilee Drive, Belton Park,  
Loughborough  
Leicestershire LE115XS - UK  
Tel: (+44) 01509/267499  
Fax: (+44) 01509/231959  
Service department:  
(+44) 01509/211492

### Svejsmaskinefabrikken Migatronic A/S

Aggersundvej 33, Postboks 206  
DK-9690 Fjerritslev, Danmark  
Tel: (+45) 96 500 600  
Telefax: (+45) 96 500 601  
Homepage: www.migatronic.com

**MIGATRONIC**