

ZETA 60 | 100



Zeta cuts through: precise cuts and portable user advantages

Robust and portable plasma cutting

The Migatronic Zeta plasma cutters featuring automatic control of the cutting and gouging processes are designed for both workshop use and site repairs. Inverter technology combined with simplicity of operation ensures precise handling of the plasma cutting process in all conductive metals and metal alloys.

The Zeta machines can be connected to existing compressors and are prepared for use with generators.

Optimal cutting economy

The Zeta machines use only compressed air as plasma gas and can be connected to your compressed-air plant. The machines feature power-saving standby functions for optimal cutting and operating economy.

Plate thickness decides choice of machine

The three-phase Zeta 60 and Zeta 100 perform quality cuts in up to 12 and 25 mm plates respectively. In case of dividing cuts where no special demands

are made on the quality of the cuts, the plate thickness can be increased by up to 50%. See next page for cutting performances.

Also suitable for punched plate cutting

All Zeta machines make it easy to use plasma technology for cutting in perforated or punched plates. With just one push on a button, the machine is ready for punched plate cutting; a unique standard function in the Zeta machines.

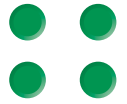


Simplicity of operation and functional design

The control panel is easily operated. Once the amperage is adjusted according to plate thickness, the Zeta 60 and 100 are ready for cutting. The Zeta 100 can also be used for fine-gouging, a process for detecting lack of fusion after welding. The plasma arc is ignited automatically via the pilot arc which means contact-free ignition and longer service life of wear parts in the torch body.



Three-phase plasma cutting with simplicity of operation and optimal cutting economy



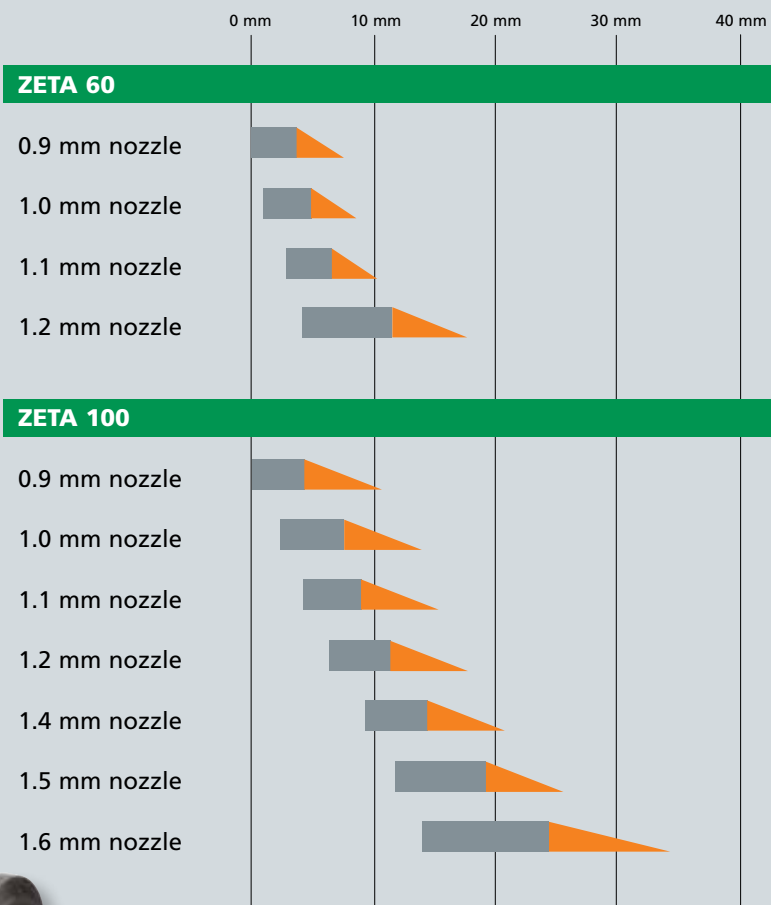
Zeta 60



Zeta 100 on trolley
(optional equipment, art. no. 78857044/78857045)

CUTTING PERFORMANCE

Please regard the table as a guideline for choice of nozzle size compared with maximum plate thickness for cutting in mild steel. In case of cutting in other materials, the possible cutting capacity and cutting speed are reduced.



Expected quality cut
 Dividing cut with reduced quality

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The large range of accessories includes kit for high-precision circle cutting.
Zeta 60 (Art. no. 80600200)
Zeta 100 (Art. no. 80600210)



Zeta features

- Two currents - two machine versions
- Matches all patterns of use
- Portable and robust
- Plasma fine-gouging (Zeta 100)
- Various nozzle sizes for high-quality cuts
- Circle cutting device and roller guide
- Trolley (Zeta 100)

MACHINE TYPE	ZETA 60	ZETA 100
Main voltage, V	3x400	3x400
Fuse, A	10	20
Current range, A/V-A/V	20/88-60/104	20/88-100/120
Duty cycle 100%/40°C, A/V	40/96	75/110
Duty cycle 60% /40°C, A/V	50/100	85/114
Duty cycle max./40°C, A/%V	60/40/104	100/40/120
Protection class	IP 23	IP 23
Open circuit voltage, V	241	248
Pressure, air, bar	4-6	4-6
Consumption l/min.	100-160	100-160
Quality cut, mm	<12	<25
Dividing cut, max., mm	<18	<35
Dimensions (H x W x L), mm	360x220x570	405x345x675
Weight, kg	27	36

We reserve the right to make changes.

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