

Economical, compact and powerful

# AirJet 625 / 1038



- Latest inverter technology
- Innovative ignition system without HF to extend the service life of the electrodes
- Increase in the cutting speed through a concentrated plasma flow
- Generator-compatible 400 V  $\pm$  15 %
- Robust construction for rugged use on construction sites



CUTTING

## AIRJET 625 / 1038

The AirJet 625 and AirJet 1038 are portable plasma cutting units of the latest inverter generation for cutting with compressed air. Compact size, low weight, low energy consumption at high cutting performance and generator-compatibility are advantages when used in Production, in Assembly and for repair work.

The electronics and the components are kept separate from the flow of cooling air and are thereby optimally protected from contamination. A wide range of different cutting elements for the burner makes it possible to also use it for more complicated work, for example, cutting in grooves or for gouging. All conductive materials can be cut without any problems and with good results, such as non-alloyed and low-alloy steel, aluminium, CDP® wear plates or castings.

- The innovative ignition system without HF contributes to the extended service life of the electrodes
- Concentrated plasma flow through an optimised air flow at high speed, linked with a special electrode and nozzle design. The plasma flow increases the cutting speed and the performance.
- The nozzle and the electrode are cooled by the air flow - the service life is thereby considerably extended.



Operating elements of the AirJet 1038

Article No.	Designation
<b>756400</b>	<b>AirJet 1038</b>
755779	Burner C 100, 6 m
755780	Burner C 100, 12 m
756350	Set of consumable parts C 100
755781	Machine burner MC 100, 6 m
755799	Machine burner MC 100, 12 m
756351	Set of consumable parts MC 100
<b>756300</b>	<b>AirJet 625</b>
755755	Burner C 60, 6 m
755756	Burner C 60, 12 m
756349	Set of consumable parts C 60
<b>755810</b>	<b>Circular cutting set for C 60 / C 100</b>

### TECHNICAL DATA

	AirJet 625	AirJet 1038
Mains voltage:	3 x 400 V ± 15%	3 x 400 V ± 15%
Mains fuse:	16 AT	32 AT
Cutting current:	20 - 60 A	20 - 100 A
Pilot current:	20 A	20 A
Cutting current	at 40% *: 60 A at 60% *: 50 A40 A at 100% *: 50 A	100 A 85 A60 A 100 A
No-load voltage:	320 V	320 V
Power factor cosφ:	0,9	0,9
Max. cutting thickness (steel) <sup>1)</sup>	30 mm	45 mm
Protection class:	IP 23	IP 23
Dimensions (LxBxH) mm:	510 x 247 x 389	640 x 301 x 455
Weight:	22 kg	34 kg
Air consumption:	130 l/min ± 20% at 5.5 bar	280 l/min ± 20% at 5.5 bar
Compressed air pressure min.:	5 bar	5 bar

\* 10-min cycle, 40°C ambient temperature, according to EN 60974-1

<sup>1)</sup> The maximum cutting thicknesses are standard values, and depend on the desired cutting quality and cutting speed.



## Your partner for wear protection, repair work and joining technology

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