



AirJet 670 // 1100

Plasma cutting



Pioneering Industrial Sustainability

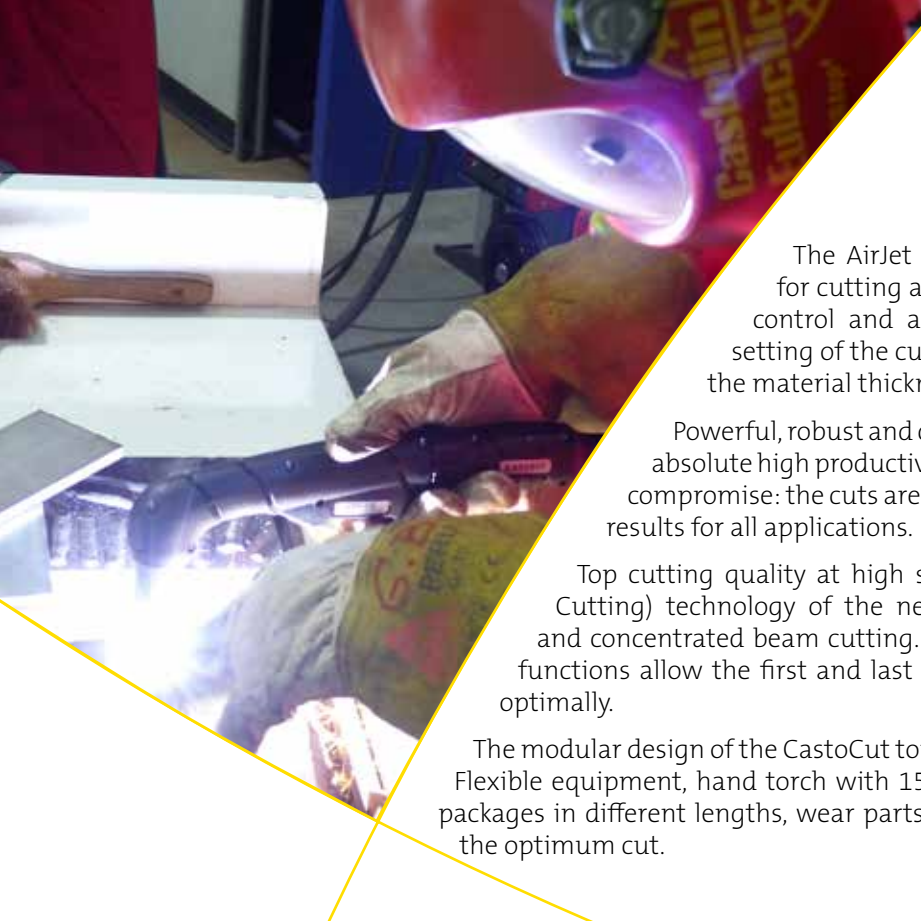
AirJet 670 1100

The AirJet plasma cutters provide an efficient solution for cutting any metal and perforated sheet. The electronic control and accuracy of the inverters ensure the correct setting of the cutting parameters for excellent cutting results, the material thickness and metal type.

Powerful, robust and compact, **AirJet 670** and **AirJet 1100** guarantee absolute high productivity in the toughest cutting operations without compromise: the cuts are always precise and ensure the highest cutting results for all applications.

Top cutting quality at high speed thanks to the HPC (High Performance Cutting) technology of the new CastoCut torches, which offers powerful and concentrated beam cutting. Smart Start Transfer and Smart End Cutting functions allow the first and last cutting phases to be carried out in one step optimally.

The modular design of the CastoCut torch system offers completely new possibilities. Flexible equipment, hand torch with 15 or 75 degree cranking. Machine torch, hose packages in different lengths, wear parts equipment depending on the Amperage for the optimum cut.



Plasma gouging

Plasma gouging is a fast and economical method of metal removal compared to traditional carbon electrode gouging. There are the following advantages:

- Simple design
- Does not require trained and qualified operators
- Allows to clearly see the gouging area
- Reduced smoke emissions and noise in the workplace

Typical applications for plasma gouging are:

- Pipe and fixture construction Edge preparation
- Removal of defective welds and over-welds
- Crack removal
- Repair of steel, aluminium and stainless steel tanks
- Vehicle maintenance and repair



Technical data:		AirJet 670	AirJet 1100
Mains voltage		3 x 400 V ± 15%	3 x 400 V ± 15%
Mains fuse		16 A	16 A
Cutting current		20–70 A	20–100 A
Duty cycle (40°C)*	40%	70 A	100 A
	60%	65 A	90 A
	100%	55 A	70 A
Cut thickness ¹⁾	Receive	20 mm	30 mm
	Separating cut	30 mm	40 mm
	Punching	15 mm	20 mm
Power factor cosφ		0,87/0,99	0,90/0,99
Protection class		IP23S	IP23S
Air consumption		180–210 l/min	280–330 l/min
Compressed air		5,0–5,5 bar	5,0–6,0 bar
Dimensions device LxWxH in mm		595 x 185 x 390	595 x 185 x 390
Weight		23 kg	24 kg

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

¹⁾ The maximum cutting thicknesses are guide values and depend on the desired cutting quality and cutting speed.

Part numbers	
ESC	Designation
770099	AirJet 670 <i>incl. ground cable 4m, 16mm²</i>
770100	AirJet 1100 <i>incl. ground cable 4m, 16mm²</i>
770098	Installation set ext. control socket
770249	CastoCut 70 Hand Torch Set 6m
770250	CastoCut 110 Hand torch set 6m
770251	CastoCut 110M machine torch set 6m
770252	CastoCut hand torch module 75° ^(X)
770253	CastoCut hand torch module 15° ^(X)
770254	CastoCut machine torch module ^(X)
770255	CastoCut hose package 6m
770256	CastoCut hose package 12m
770257	Circle cutting set
770258	Angle cutting edge guide tool

^(X) Wear parts separately according to intended use

