

CITOPULS III 320C CITOSTEEL III 320C



CITOPULS III 320C - CITOSTEEL III 320C

Modest in size, but with everything a big machine could dream of.





Technical data



Power source	CITOPULS III 320C CITOSTEEL III 320C
Main power supply	3 x 400 V (+20% / -20%) 50/60 Hz
Effective primary consumption	11 A
Effective power	7.7 kVA
Fuse anti surge	16 A
Efficiency at max current	90%
Power factor at max current	0.95
Duty cycle (@ 40 °C)	
@ 40%	320 A
@ 60%	280 A
@ 100%	220 A
Duty cycle (@ 25 °C)	
@ 100%	300 A
Current range	15 - 320 A
Dimensions (LxWxH)	720 x 295 x 525 mm
Weight	29 kg
Standard	60974-1 & 60974-10

Feeding	CITOPULS III 320C CITOSTEEL III 320C
Rollers	4 drives
Wire speed	1 to 25 m/min
Wires steel - Stainless steel	0.6 - 1.2 mm
Wires FCW - Aluminium	1.0 - 1.2 mm

To order Power sources Universal trolley Universal trolley W000375730 320 A @ 40 % CITOPULS III 320C W000385051 320 A @ 40 % CITOSTEEL III 320C W000385052



Trolley for installation



Aluminium welding kit

ALUKIT DVU 1.0-1.2 **W000277622**

A composition of wire guides and rollers for perfect aluminium welding

Remote control

RC SIMPLE (10 m) W000275904

Cooling unit



Anti-dust filter

for power source protection

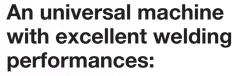
Dust filter **W000373703**











- Coated electrodes
- Speed Short Arc
- Flat current
- (only CITOPULS III 320C)

Speed Short-Arc (SSA)

A patented arc transfer

Advantages:



- The dynamic arc optimizes performance in root-pass
- Increased productivity through high travel speed
- Extends the short arc area for higher thicknesses

Sequencer mode

A special welding cycle that swaps two differernt wire speeds



Advantages:

- Giving perfect bead aspect three times faster than TIG welding
- Less distortion on thin plate
- Low had input for good mechanical structure and characteristics

Main applications

All main to weld base materials with wires up to 1.2 mm:

- metallic construction (on site and in workshop)
- workshop & yard maintenance
- light production





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