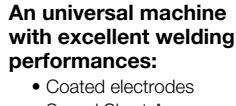


# CITOPULS III 320C CITOSTEEL III 320C







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

#### **Speed Short-Arc (SSA)**

An Air Liquide Welding 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 different 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



# 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	





#### 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** 





# CITOPULS III 320C - CITOSTEEL III 320C

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

### Low consumption

320 A @ 40% with an electrical primary consumption reduced at the minimum - 16 A threephase plug.

About 30% of saving on the annual electrical invoice, compared to the use of a classical MIG/MAG machine.

### **Reduced weight**

Body engineered in aluminium for lower weight and easy transportability.

## **Technological advance**

- 99 programs
- Call programs with trigger
- Welding cycle sequencer

2 versions

- CITOSTEEL III 320C
- CITOPULS III 320C

Watercooling on demand















#### www.oerlikon-welding.com

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