SAF-FRO

DIGIPULS III 320C
DIGISTEEL III 320C

www.saf-fro.com

DIGIPULS III 320C - DIGISTEEL 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.

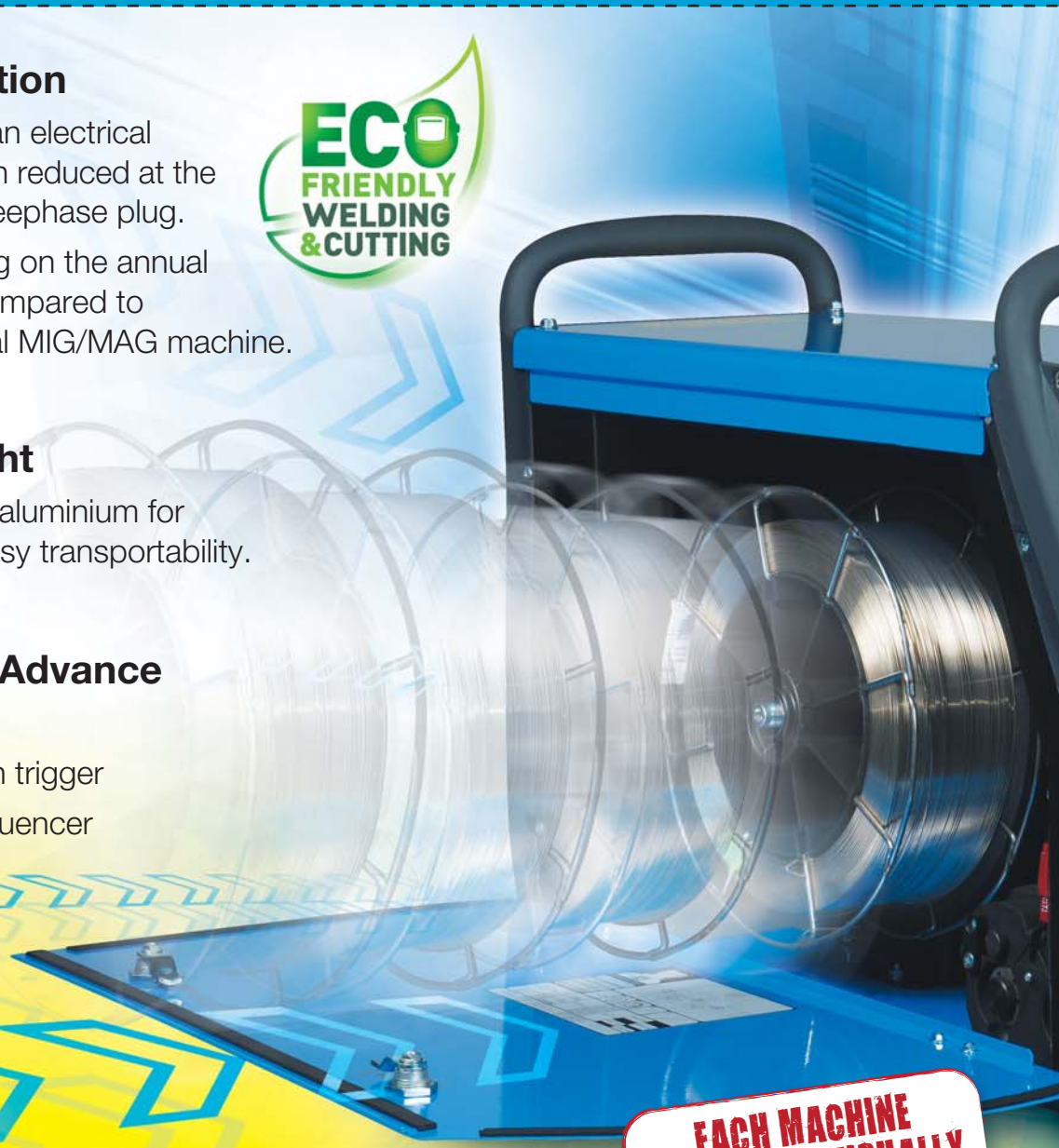
ECO FRIENDLY WELDING &CUTTING

Reduced Weight

Body engineered in aluminium for lower weight and easy transportability.

Technological Advance

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



EACH MACHINE TESTED INDIVIDUALLY

2 versions

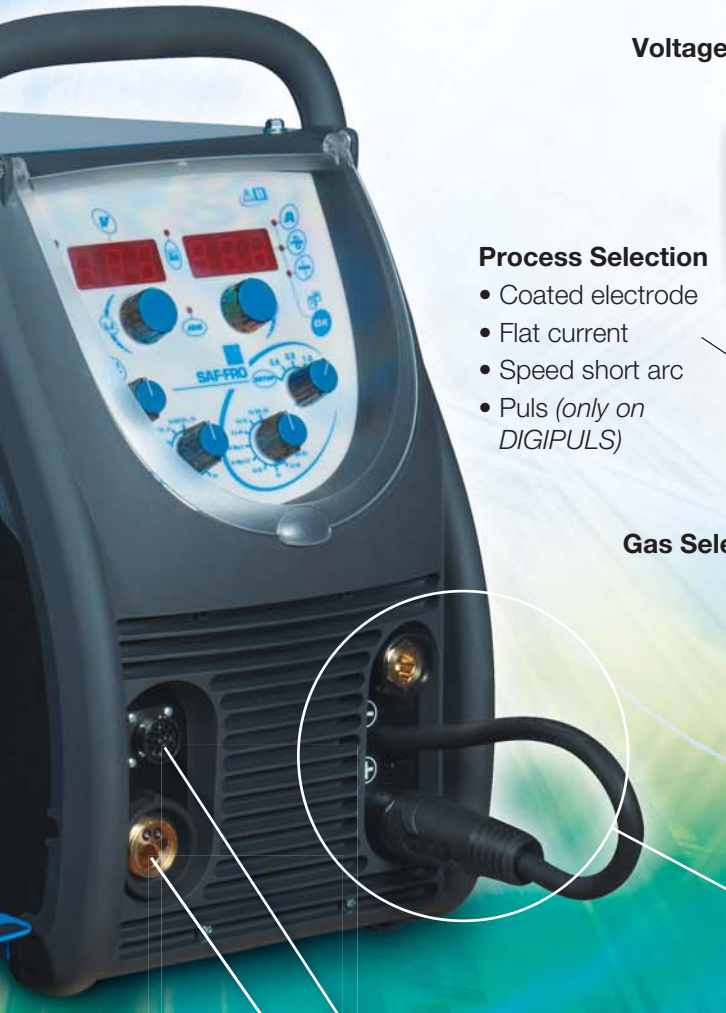
- ***DIGISTEEL III 320C***
- ***DIGIPULS III 320C***

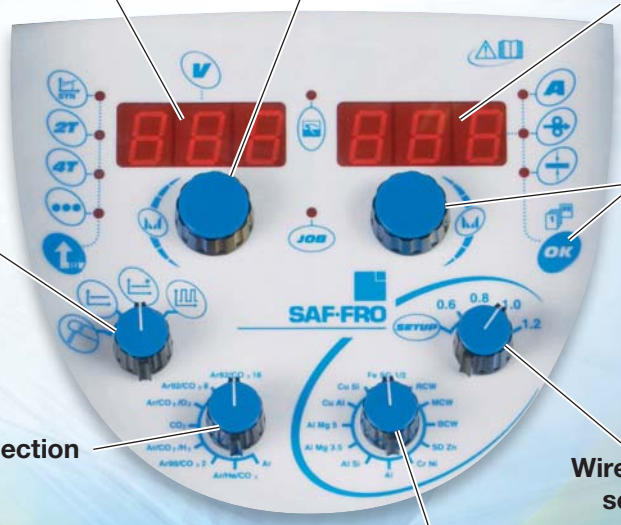
Watercooling on demand

Made in Europe
EN ISO 9001
Designed in FRANCE
Produced in SLOVAKIA

WARRANTY
2+ YEARS
1 YEAR FREE WITH YOUR REGISTRATION

A powerful and complete synergic panel which includes the possibility to weld steel, stainless steel and even aluminium with the Puls current version.





Quick and simple polarity change

Remote control

Euroconnexion for torch

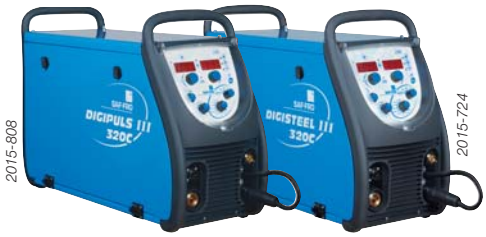
Technical data

Power source	DIGIPULS III 320C DIGISTEEL III 320C
Main power supply	3 x 400 V (+20% / -20%) 50/60hz
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 max	15 - 320 A
Dimensions (LxWxH)	720 x 295 x 525 mm
Weight	29 kg
Standard	60974-1 & 60974-10

Feeding	DIGIPULS III 320C DIGISTEEL 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



2015-808 2015-724

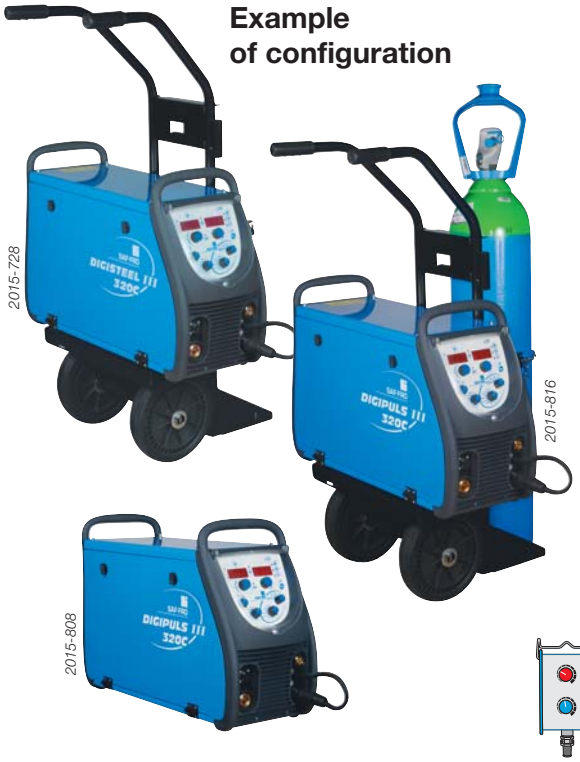
320 A @ 40 %	DIGIPULS III 320C	W000385050
320 A @ 40 %	DIGISTEEL III 320C	W000385049

Universal trolley

2012-532

Universal trolley
W000375730

Example of configuration



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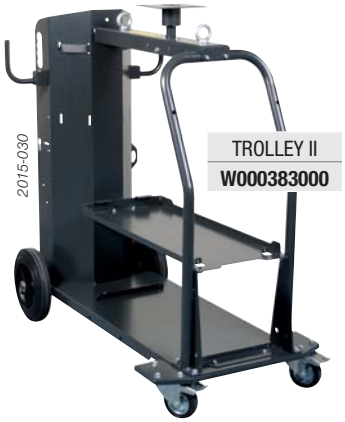
Trolley for installation



2015-030

TROLLEY II
W000383000

Cooling unit

COOLER II
On demand

2010-464

Anti-dust filter

for power source protection

Dust filter
W000373703

2011-186

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

2006-951

See our **PROMIG Range**

PROMIG NG 341 3 m	W000345066
PROMIG NG 341 4 m	W000345067
PROMIG NG 341 5 m	W000345068

and **fume extraction torche WST2**

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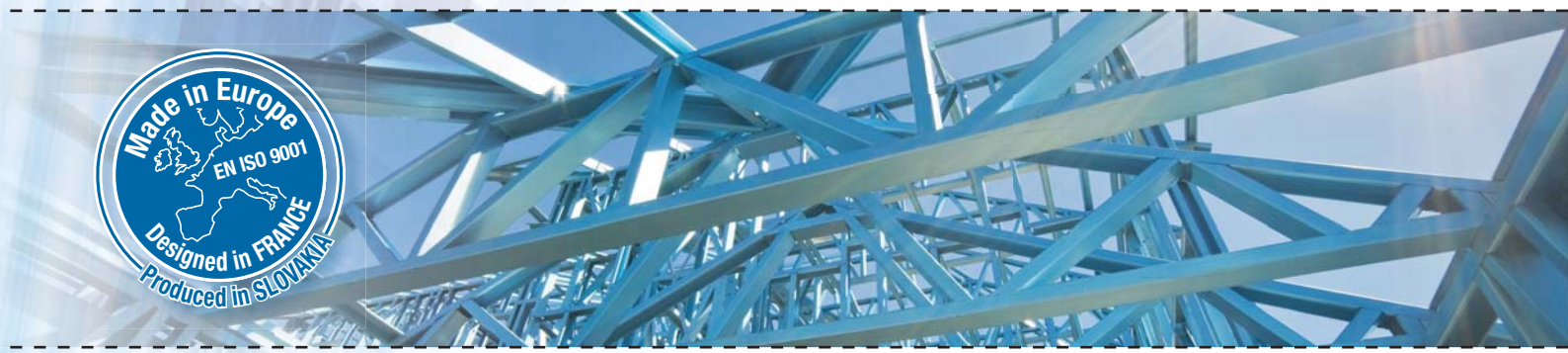

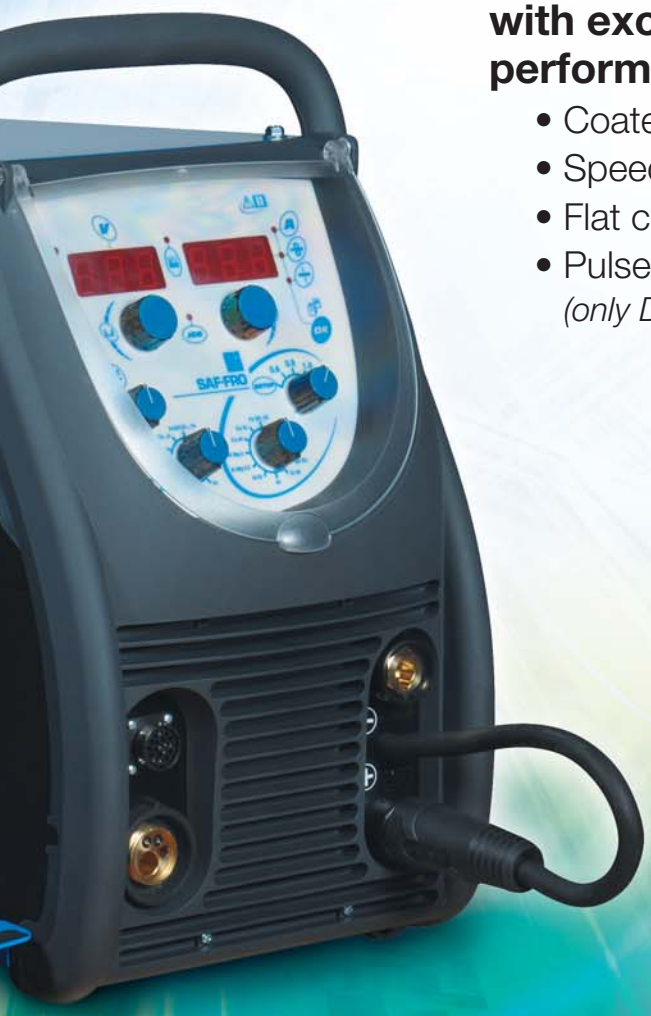

An universal machine with excellent welding performances:

- Coated electrodes
- Speed Short Arc
- Flat current
- Pulsed Arc
  (only DIGIPULS 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 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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CUSTOMER ASSISTANCE POLICY

The business of Lincoln Electric is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

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