



**WELDING**

**60% DUTY CYCLE  
MIG 280 DP**

**ADVANTAGES**

- Professional three-phase equipment for MIG, MMA and TIG welding.
- Synergic system suitable for welding all types of carbon and stainless steels, magnesium/silicon aluminium and copper.
- Includes specific setup modes for coated electrode MMA, Pulsed MIG, Double Pulsed MIG and manual mode.
- Includes 2T, 4T, 4TH and Spot sequence modes.
- Includes external Hot Start and Arc Force regulation for MMA welding.
- Includes two sets of 25mm<sup>2</sup> torches. One short torch for aluminium and one long torch for steels.
- 4-contact drive mechanism including quadruple "U" wheel for aluminium and special "V" set for steel.
- Complete, intuitive and easy to configure commissioning display.
- Advanced modular electronics managed by two microprocessors for long life and easy servicing.
- Manufactured to strict European specifications 2011/65/EU, 2014/35/EU, 2014/30/EU, IEC 60974.
- Easy transport and storage: Very compact machine (53x64x29.5) and low mass.
- Adaptive thermal protection and overload protection system managed by software.
- Low power consumption: maximum 15 amps per phase.
- Suitable for generators, able to withstand voltage deviations between ±17%.



4-support mechanism and quadruple aluminium sheave



2m  
Aluminium torch

4m  
Steel torch



**280A  
SYNERGIC**

PROFESSIONAL LINE  
**60%**  
DUTY CYCLE  
EN 60974

**INCLUDED**

- Power cable 2.5m x 2.5 mm<sup>2</sup>
- Earth cable with clamp 2m x 25 mm<sup>2</sup>
- Electrode cable with clamp 3m x 25mm<sup>2</sup>
- Aluminium torch INNOTECH 24 2m x 25 mm<sup>2</sup>
- Steel torch INNOTECH 24 4m x 25mm<sup>2</sup>
- Cylinder support tray 29 x 27.5 cm
- Safety chain for cylinder 90 cm
- Transport wheels 7 / 20 cm
- 1 / 1.2 mm "U" sheave 4 pcs.
- Castors 0.8 / 1.0 mm "V" 2 pcs.
- Castors 1.2 / 1.6 mm "V" 2 pcs
- Flat washers 2 pcs
- Contact pins steel 0.8 2 pcs
- Contact pins steel 1.0 2 pcs
- Contact pins steel 1.2 2 pcs
- Contact pins steel 1.6 2 pcs
- Contact pins aluminium 1.0 2 pcs
- Contact tips aluminium 1.2 2 pcs
- Gas hose 2.26 m

DATA SHEET

Current	<b>280</b>	A
Wire	<b>0.8 - 1.0 - 1.2 - 1.6</b>	mm
Coil	<b>5 - 15</b>	kg
Electrode	<b>1.6 - 6</b>	mm
Weight	<b>34</b>	kg
Voltage	<b>3 x 400</b>	V
Generator	<b>14</b>	KVA
Dimensions	<b>53 X 64 X 29.5</b>	cm
DINSE connectors	<b>ø 1/2" (35 - 50)</b>	



Pure copper  
2m



Pure copper  
3m

