

Castolin Eutectic®
Eutectic Castolin

WARRANTY
2
YEARS

DERBY 182

Welding MIG-MAG and MMA



- Welding MIG-MAG with coated electrode
- Single-phase power supply: 230 V
- Maximum intensity: 180A
- Gas or non-gas welding
- Easy to transport, light weight (10,5 Kg.)
- Easy to use
- Compatible with generator set
- It is portable, ideal for use on the move: maintenance, construction site, etc....

DERBY 182

Compact welding equipment MIG-MAG

Wide spectrum of use

The **DERBY 182** is a compact semi-automatic welding unit, which allows the use of solid and flux-cored welding wires in 5 kg or 1 kg spools. Due to its compactness and ease of transport, the DERBY 182 unit is particularly interesting for sheet metal work, repair, maintenance...

The DERBY 182 unit uses all types of yarns: solid (alloy, non-alloy and stainless steel), light alloys, flux cored wires (up to 1 mm diameter), and for all types of applications and positions.

The DERBY 182 can also be used with rutile, basic, stainless steel, cast iron, electrodes, etc. with diameters up to 3.2 mm.

High quality welding

The DERBY 182 has been developed with **inverter technology** and therefore combines simplicity of use and reliability, with excellent arc characteristics that allow high quality joints to be made.

Additional benefits

The DERBY 182 can be used with flux cored wires without external gas, thanks to its **polarity reversal system** on the winder (gas/no gas).

The DERBY 182 is supplied with grounding cable and drive rolls for steel, stainless steel and flux-cored wire \varnothing 0.8/0.9/1.0 mm and aluminum wire \varnothing 1.0 mm.

Security

The DERBY 182 unit complies with the welding standards **EN 60974-1, -6, -10** and bears the CE and S marks.

- **CE:** Compliance with European safety regulations.
- **S:** Machine designed to work in places with limited space.

Technical Data

Power supply voltage	230V - 50/60Hz
Absorbed power at 60%.	1,9 KVA
Intensity range	25 - 180 A
Running factor (according to 60974-1) (10 min/40°C)	180 A at 20% 105 A at 60% 75 A at 100%
Aluminum wire diameter	0,8 at 1,0 mm
Steel and stainless steel wire diameter	0,6 at 1,0 mm
Diam, flux-cored wire	0,9 mm
Diam. coated electrodes (ruthenium, basic and stainless steel)	1,6 at 3,2 mm
Compatible wire spools	1 kg / 5 kg
No-load voltage (U ₀) MIG-MAG / MMA	70V / 70V
Insulation class	H
Protection index	IP 22 S
Dimensions (FxAxAn)	480 x 385 x 220
Weight	10,5 kg

Accessories

Denomination	CODE ESC
DERBY 182	769427
Torch MIG Castoplus 256G/3m	767673
Torch MIG Castoplus 156G/3m	767671
Steel rope \varnothing 0,6 - 0,8 mm	302486
Teflon rope de \varnothing 1,0 - 1,2 mm	303834
Pressure regulator Xuper Précigaz 3 TM	764509
CHARIOT XuperMIG 3000	307275
Welding cable de 4 m, 16mm ²	301094
Roller for steel and tub. wires. \varnothing 0,6 / 0,8/ 0,9 mm	600150
Aluminum roller \varnothing 0,8 / 1,0 mm	600152
Upper smooth roller	600158