

Compact semi-automatic welding equipment

For joining and repair

DERBY 161

GUARANTEE
2
YEARS



*Stronger, with
Castolin Eutectic*

- Easy to use
- Sturdy and practical
- Excellent performance - price ratio
- Single phase 230 V operation
- Easy to transport
- Castolin quality, reliability and service

**Castolin Eutectic®
Eutectic Castolin**

WELDING

Compact welding equipment: DERBY 161

WIDE RANGE OF APPLICATIONS

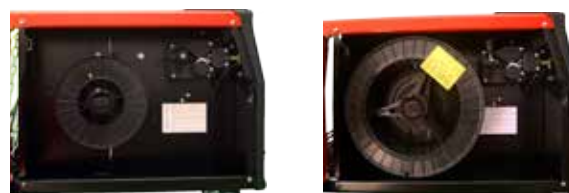
The DERBY 161 is a compact, semi-automatic welding machine for solid or cored wires wound on 5 or 15 kg spools.

Its compact size and ease of transport make the DERBY 161 ideal for bodywork, repairs and maintenance.

The DERBY 161 feeds all types of wires: solid wires (alloy steel, mild steel and stainless), aluminium alloys, cored wires (up to 1 mm in diameter), for all types of applications and positions.

HIGH QUALITY WELDING

The DERBY 161 combines ease of use, reliability and sturdiness to provide excellent arc characteristics, which ensure high quality joints.



Despite its compact size, the Derby 161 can use 5 kg or 15 kg spools..

DERBY 161 TECHNICAL DATA

Power supply	230 V Single phase - 50/60 Hz	
Power at primary (60% Duty cycle)	2.6 kVA	
Welding current range Min-Max	30 to 150 A	
Number of steps	6	
Protection Rating	IP 22	
Insulation Classification	H	
Welding current at 40°C Duty cycle	20%	140 A
	50%	80 A
	100%	62 A
Dimensions and Weight	L x W x H	kg
Power source	395 x 615 x 535	37
Number of feed rolls	2	
Polarity inverter on front panel	yes	
Wire diameters compatible with delivered rolls	0.6 / 0.8 / 0.9 mm	

DESIGNATION	CODE
Derby 161	600120
Torch Castoplus 150/ 3M	654805
Torch Castoplus 250/ 3M	654802
Steel roll Ø 0.6 – 0.8 mm	658175
Roll for Al Ø 1.0 – 1.2 mm	756488
Carbon-Teflon roll (FF) Ø 1.0 – 1.2 mm	654253
Argon regulator	757033
Roll for steel and cored wires Ø 0.6 / 0.8 / 0.9 mm (as delivered)	600150
Roll for steel and cored wires Ø 1.0 / 1.2	600151
Roll for Al Ø 0.8 / 1.0 mm	600152
Smooth press roll	600158

ADDITIONAL FEATURES

- The DERBY 161 is also suitable for flux-cored wires thanks to a polarity inverting system on the front panel..
- An integrated support allows the gas cylinder to be safely secured during any displacement.
- The top tray fitted with a ribbed rubber mat provides practical storage uses.

SAFETY

The DERBY 161 complies with EN 60974-1, -6, -10 arc welding standards and carries CE and S labels.

- CE conformity with the European safety regulations.
- S Machine-designed for working in restricted enclosures..



Your partner for protection, repair and joining solutions

Statement of Liability: Due to variations inherent in specific applications, the technical information contained herein, including any information as to suggest product applications or results, is presented without representation or warranty, expressed or implied. Without limitation, there are no warranties of merchantability or of fitness for a particular purpose. Each process and application must be fully evaluated by the user in all respects, including suitability, compliance with applicable law and non-infringement of the rights of others, and Castolin Eutectic and its affiliates shall have no liability in respect thereof.