

Semi-automatic welding equipment with separate feeder
For welding, repair and coating

DERBY 425 DS II



*Stronger, with
Castolin Eutectic*



- Tested technology guarantees best quality
- New line merging aesthetics and sturdiness
- Excellent performance - price ratio
- Powerful welding source: 400A
- Available with or without cooling
- Castolin quality, reliability and service



WELDING

DERBY 425 DS II

The best balance between power and price

WIDE APPLICATION RANGE

The DERBY 425 DS II combining simplicity and polyvalence, provides excellent arc characteristics which ensure high quality joints and coatings with minimal spatter. It is suitable for sheet metal fabrication to industrial applications.

The DERBY 425 DS II feeds all types of wires : solid wires in alloy or non alloy steels, stainless steels and aluminium alloys. Also cored wires with or without shielding gas thanks to a polarity inversion system.



COMPREHENSIVE EQUIPMENT

The 4 roll drive system assures perfect wire feeding especially for cored wires.

The DERBY 425 DS II has a standard digital display for voltage and current.

The available 28 voltage steps allows fine easy adjustments.

The DERBY 425 DS II has an optional water cooling unit for the torch: Derby RE 230.

SAFETY

The DERBY 424 DS II conforms to the EN 60974-1, -6, -10 welding norms.

DESIGNATION	ARTICLE
Derby 425 DS II (with wheels, arbor, and earth cable 3m)	757500
Feeder 35/4G water cooled (with steel wire rolls for Ø 0.6/0.8/1.0/1.2/1.6 mm)	757503
Feeder 35/4G air cooled (with steel wire rolls for Ø 0.6/0.8/1.0/1.2/1.6 mm)	757502
Cooler RE 230	600822
Air hose 425/ 5m	600818
Air hose 425/ 10m	600820
Water hose 425/ 5m	600819
Water hose 425/ 10m	600821
Torch Castoplus 360 / 3M	654798
Torch Castoplus 500W / 3M	654792
Steel roll Ø 0,6 / 0,8 (as supplied)	600153
Steel roll Ø 1,0 / 1,2 (as supplied)	600154
Steel roll Ø 1,2 / 1,6	600155
Roll for Al Ø 0,8 / 1,0	600156
Roll for Al Ø 1,2 / 1,6	600157
Roll for cored wire Ø 1,0 / 1,2	600160
Smooth press roll	600159
Argon regulator	45330L

TECHNICAL DATA

Power supply	230/400V 50/60 Hz Three phase	
Primary power at 60% Duty Cycle	14,5 kVA	
Welding current range Min-Max	30 à 400 A	
Number of steps	28	
International Protection Rating	IP 23S	
Insulation Classification	H	
Welding current at 40°C Duty Cycle	40%	400 A
	60%	326 A
	100%	255 A
Dimensions and weight	L x W x H (cm)	kg
Power source + Wheels		123
Feeder air (5m) + Wheels		21
Feeder water (5m) + Wheels		21,3
Cooler	535x310x200	16
Power source + Feeder	1000x555x1340	144
Hose length between source and feeder	5 m, Option : 10m	
Number of feed rolls	4	
Adjustable anti-stick at weld finish	adjustable	
Adjustable slow speed striking	adjustable	
Arbor and wheels for feeder	included	
Polarity inverter	yes	
Display Voltage/ Current	yes	



Your resource for protection, repair and joining solutions

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