

Magnetic Drilling Machine

ECO.50S



Key specifications

Cutting Twist drilling Countersink



50 mm

23 mm

55 mm

2"

15/16"

2 3/16"

Weight

Motor

Magnet

Stroke



11,2 kg

1250 W

1700 kg

170 mm

24.7 lbs

11.4 A

3750 lbs

6 11/16"

Overload protection

Heat protection

Oil bath gearbox



Technical data

	Metric	Imperial
Annular cutting	Ø 12 - 50 mm	Ø 1/2" - 2"
Twist drilling	Ø 1 - 23 mm	Ø 1/16" - 15/16"
Countersinking	Ø 10 - 55 mm	Ø 3/8" - 2 3/16"
Length	320 mm	12 5/8"
Width	200 mm	7 7/8"
Height	445 - 615 mm	17 1/2" - 24 3/16"
Stroke	170 mm	6 11/16"
Weight	11.2 kg	24.7 lbs
Magnet (lwxh)	160x80x42 mm	6 5/16"x3 1/8"x1 5/8"
Magnetic force	1700 kg	3750 lbs
Motor power	1250 W	11.4 A
Total power	1300 W	11.8 A
Speed (no load)	(I) 315 rpm (II) 690 rpm	
Speed (load, 1250 W)	(I) 235 rpm (II) 425 rpm	
Spindle (Weldon)	MT3 19,05 mm	MT3 3/4"
Power supply	110 - 120 V / 60 Hz 220 - 240 V / 50 - 60 Hz	

Additional benefits:

- High accuracy capstan hub;
- Morse Taper 3 spindle with integrated tool cooling and lubrication;
- Integrated slide and two-speed oil lubricated gearbox for:
 - High accuracy;
 - Enlarged lifecycle;
 - Minimal vibration;
- High precision height adjustment for:
 - Low maintenance;
 - Minimal wear correction;
- Strong dual coil CNC machined magnet.