

Magnetic Drilling Machine

ECO.100/4 D

Key specifications

Cutting Twist drilling Countersinking Threading



100 mm

31,75 mm

105 mm

M30

3 15/16"

1 1/4"

4 1/8"

1 3/16"

Weight

Motor

Magnet

Stroke



28 kg

1900 W

3000 kg

260 mm

61.7 lbs

17.3 A

6615 lbs

10 1/4"

Adjustable speed

R/L rotation

Heat protection



Technical data

	Metric	Imperial
Annular cutting	Ø 12 - 100 mm	Ø 1/2" - 4"
Twist drilling	Ø 1 - 31,75 mm	Ø 1/16" - 1 1/4"
Countersinking	Ø 10 - 105 mm	Ø 3/8" - 4 1/8"
Threading	M3 - M30	Ø 1/8" - 1 3/16"
Length	365 mm	14 3/8"
Width	310 mm	12 3/16"
Height	515 - 715 mm	20 1/4" - 28 1/8"
Stroke	260 mm	10 1/4"
Weight	28 kg	61.7 lbs
Magnet (lwxh)	220x110x64 mm	8 11/16"x4 5/16"x2 1/2"
Magnetic force	3000 kg	6615 lbs
Motor power	1900 W	17.3 A
Motor power	2050 W	18.6 A
Speed (no load)	(I) 42 - 110 rpm (II) 65 - 190 rpm (III) 140 - 400 rpm (IV) 220 - 620 rpm	
Speed (load, 1900 W)	(I) 85 rpm (II) 152 rpm (III) 270 rpm (IV) 480 rpm	
Spindle (Weldon)	MT3 19,05 mm	MT3 3/4"
Voltage	110 - 120 V / 60 Hz 220 - 240 V / 50 - 60 Hz	

Additional benefits:

- Precise positioning swivel base;
- Four-speed gearbox;
- Particularly suitable for threading;
- Right/left rotating functionality and electronic speed adjustment;
- Torque control on motor house;
- Overheat protection;
- Morse Taper 3 spindle with integrated tool cooling and lubrication;
- Strong dual coil CNC machined magnet.