

Magnetic drilling machine

ECO.80s+

Technical data

	Metric	Imperial
Annular cutting	Ø 12 - 80 mm	Ø 1/2" - 3 1/8"
Twist drilling	Ø 1 - 31,75 mm	Ø 1/16" - 1 1/4"
Countersinking	Ø 10 - 85 mm	Ø 3/8" - 3 3/8"
Length	365 mm	14 3/8"
Width	310 mm	12 3/16"
Height	510 - 710 mm	20 1/16" - 27 15/16"
Stroke	260 mm	10 1/4"
Weight*	27.3 kg	60.2 lbs
Magnet (l x w x h)	220 x 110 x 64 mm	8 11/16" x 4 5/16" x 2 1/2"
Magnetic force	3,000 kg	6,615 lbs
Motor power	1,700 W	15.4 A
Total power	1,800 W	16.4 A
Speed (no load)	(I) 200 rpm (II) 300 rpm (III) 415 rpm (IV) 650 rpm	
Speed (load 1,700 W, 15.4 A)	(I) 150 rpm (II) 200 rpm (III) 275 rpm (IV) 400 rpm	
Spindle (Weldon)	MT3 19.05 mm	MT3 3/4"
Voltage	110 - 120 V / 60 Hz 220 - 240 V / 50 - 60 Hz	

* Without power cord and handles



Features:



Overheat protection



Power surge protection



Power fluctuation protection



Gyro-Tec



Automatic shut-off



Oil lubricated gearbox



Carbon brush wear indicator



2-way magnet



Magnet LED-indicator

Benefits:

- Four-speed gearbox
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Strong dual coil CNC machined 2-way magnet, causing the machine to use less energy, generate less heat and therefore lasts longer
- Reduced risk of damaging or hurting machine, tools, workpiece and operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement