

Magnetic drilling machine

ECO.100S+/TD



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"
Tapping	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*	31 kg	68.3 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	1,900 W	17.3 A
Total power	2,050 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 1,900 W, 17.3 A)	(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	

* Without power cord and handles

Features:



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