

# Magnetic drilling machine

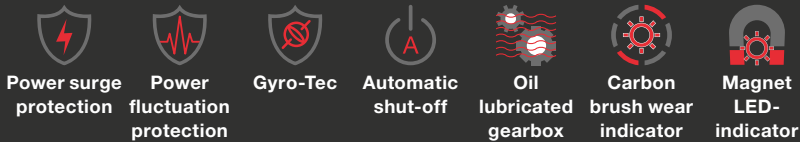
# ECO.50s+

## 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 (l x w x h)	160 x 80 x 42 mm	6 5/16" x 3 1/8" x 1 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, 11.4 A)	(I) 235 rpm (II) 425 rpm	
Spindle (Weldon)	MT3 19,05 mm	MT3 3/4"
Voltage	110 - 120 V / 60 Hz 220 - 240 V / 50 - 60 Hz	



## Features:



## Benefits:

- Easily accessible carbon brushes. Motor will automatically shut-off in case of replacement
- 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
- 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