

PRO 51 DRILLING MACHINE

[®]**PROMOTECH**

PRO 51 is a new generation magnetic drilling machine with Morse Taper No. 2. Its superior features include: compact design, increased precision and durability thanks to gearbox housing & slide made as one piece, and powerful motor.

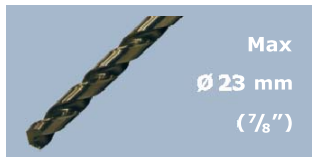
Unique semi-automatic gib adjustment (Promotech's patent pending) enables simple, fast and correct regulations without any expert knowledge or experience. Replaceable spline at the end of armature shaft eliminates laborious and expensive armature maintenance. Compact design allows the operator to drill very close to side wall and corners.

PRO 51 is equipped with the latest generation of electromagnetic energy saving base (ESB) with magnetic field shape control system (MFSC) and magnetic power adhesion control module (MPAC), which detects adhesive force of electromagnetic base and protects both the machine and the operator from work on too thin workpieces.





Max
Ø 51 mm
(2")

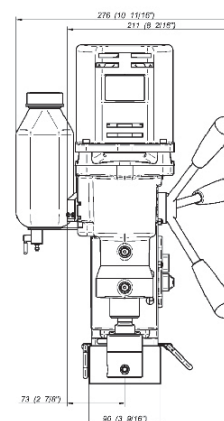
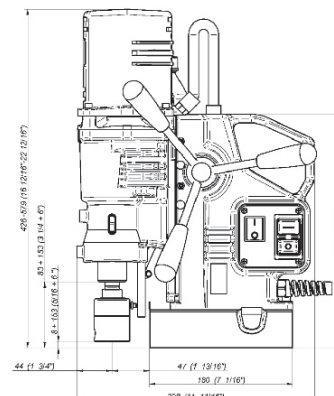


Max
Ø 23 mm
(7/8")



Max
Ø 51 mm
(2")

| PRO 51 - Technical specification | |
|--|---|
| Spindle | MT2 |
| Tool holder | 19 mm (3/4") Weldon |
| Milling Cutter (Core drill) Ø | max 51 mm (2") |
| Twist drill Ø | max 23 mm (7/8") |
| Countersinking Ø | max 50 mm (2") |
| Stroke | 153 mm (6") |
| Max depth of cut | 51 mm (2") |
| Voltage | 115V/60Hz or 230V 50/60Hz |
| Power consumption [W] | 1300 |
| Motor Power [W] | 1260 |
| Speeds [rpm] | 200 400 |
| MFSC (Magnetic Field Shape Control) | yes |
| Magnetic clamping force [N] (25mm, Ra=1,25) | 12000 |
| Magnet Base Dimensions | 90 x 180 x 48 [mm] 3-9/16 x 7-1/16 x 1-7/8 ["] |
| ESB (Energy Saving Base) | yes |
| MPAC (Magnetic Power Adhesion Control) | yes |
| Min. Workpiece Thickness | 8 mm (5/16") |
| Semi-automatic gib adjustment | yes |
| Weight | 16,5 kg (35 lbs 9 oz) |
| Product Code 230V 50/60Hz | WRT-0399-10-20-00-0 |
| Product Code 115V/60Hz | WRT-0399-10-10-00-0 |



Standard shipping set:

- Magnetic Base Drilling Machine
- Metal Box
- MT2 Arbor with 19mm Weldon Bore – with cooling ring
- Swarf Shield/Cutter Guide
- Coolant Bottle Assembly
- Safety Chain with Snap Hook
- Set of Tools with Wedge
- Operator's Manual (English)
- Standard shipping weight – 26,1 kg (56 lbs 5 oz)

Selected additional accessories:

- UCW-0285-03-00-00-0 Quick Change AMTE2-C19/2-2 Continuous Cooling Arbor with Ring
- PDS-0110-03-00-01-0 DMP0251 Pipe Attachment
- PDS-0111-10-00-01-0 DMP0500 Pipe Attachment
- KNC-0399-09-00-00-0 Cooling attachment for twist drilling
- UKL-0440-16-00-00-0 Pressure Coolant System 2l

All information is subject to change without further notice. 2010/10

