

PRO 51 DRILLING MACHINE

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.

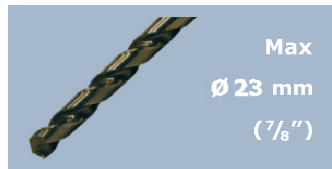
Unique semi-automatic gib adjustment (Promotech's patent pending) enables simple, fast and correct regulations without any expert knowledge or experience. Replaceable spline at the end of armature shaft eliminates laborious and expensive armature maintenance. Compact design allows the operator to drill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

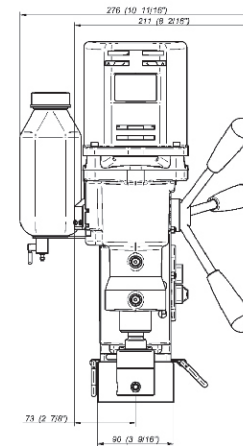
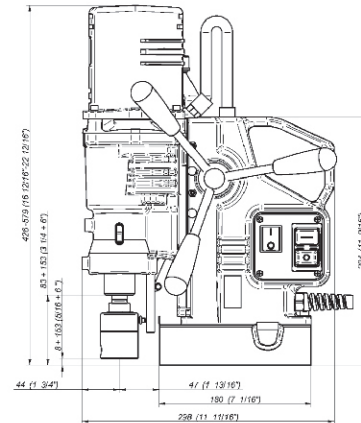


Max
Ø 23 mm
(7/8")



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

