

PRO 51 | UNIVERSAL DRILLING MACHINE

PRO 51 is a new generation magnetic drilling machine with Morse Taper No. 2

Superior features of PRO 51 include:

- compact design
- gear box and slide system made as one piece
- excellent ratio weight / power
- maintenance friendly design
- purpose designed motor with heavy duty gear box
- maintenance friendly rail guide system

Unique semi-automatic gib adjustment system (patent pending) enables simple, fast and always correct fine tuning 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.

Semi-automatic
gib adjustment

Service friendly

Integrated Gearbox
Housing with Slide









2-Speed Gearbox

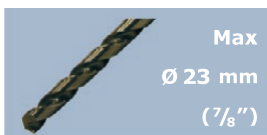
Magnetic Field
Shape Control
(MFSC)

Magnetic Power
Adhesion Control
(MPAC)

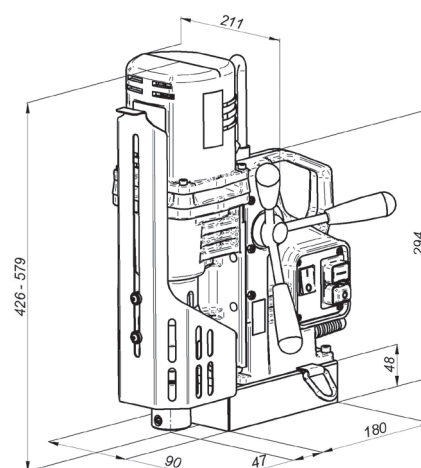


PRO 51 is equipped with the latest generation of electromagnetic base with magnetic field shape control system (MFSC) and magnetic power adhesion control module (MPAC), which detects adhesive force of electromagnetic base and protects both the machine and the operator from work on too thin workpieces.

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|--|---|---|--|---|---|--|--|
|  Core drill max 51 mm |  Twist drill max 23 mm |  Spindle MT2 |  Depth of cut 51 mm |  Stroke 153 mm |  Speed 200, 400 rpm |  Motor Power 1260 W |  Weight 16,5 kg |
|--|---|---|--|---|---|--|--|



| PRO 51 - TECHNICAL SPECIFICATION | |
|----------------------------------|--|
| Motor Speed (under load) | 200, 400 rpm |
| Motor Power | 1260 W |
| Weight | 16,5 kg (35 lbs 9 oz) |
| Max milling capacity | Ø 51 mm (2") |
| Max drilling capacity | Ø 23 mm (7/8") |
| Max countersinking | Ø 51 mm (2") |
| Stroke | 153 mm (6") |
| Max depth of cut | 51 mm (2") |
| Voltage | 1~ 110-120 V, 50-60 Hz 1~ 220-240 V, 50-60 Hz |
| Power consumption | 1300 W |
| Semi-automatic gib adjustment | yes |
| MPAC | yes |
| MFSC | yes |
| Magnetic clamping force | 1224 kG (12000 N) /25 mm, Ra=1,25/ |
| Magnet Base Dimensions | 90 x 180 x 48 mm 3-9/16 x 7-1/16 x 1-7/8 (") |
| Min. Workpiece Thickness | 8 mm (5/16") |
| Spindle | MT2 |
| Tool holder | 19 mm (3/4") Weldon |
| Product Code 220-240 V, 50-60 Hz | WRT-0399-10-20-00-0 |
| Product Code 110-120 V, 50-60 Hz | 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-0111-03-00-01-0 DMP0501 Pipe Attachment
- KNC-0399-09-00-00-0 Cooling attachment for twist drilling
- PDS-0587-00-00-00-0 Vacuum pad
- ZSP-0587-11-00-00-0 Compressed air ejector



Vacuum pad



Compressed air ejector

