

PROMOTEC[®]

PRO 111 is the newest heavy duty machine with Morse Taper No. 4.

Superior features of PRO111 include:

- purpose designed motor with heavy duty 4-speed gearbox
- maintenance friendly design
- gear box and slide system made as one piece
- maintenance friendly rail guide system

It is designed for cutting holes up to 111mm (4-3/8") diameter or drilling holes up to 47mm (1-7/8") diameter.

It has got 4-speed mechanical gear box.

PRO 111 is equipped with motor overload protection system with LED indicator. Its precision and durability are significantly increased thanks to the one piece gearbox housing and slide.

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 for drilling very close to vertical surface.

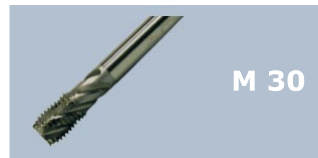
PRO 111 is equipped with electromagnetic base featuring magnetic field shape control system (MFSC) and magnetic power adhesion control module (MPAC), which detects adhesive force of electromagnetic base and protects both the machine and the operator from work on too thin workpieces.

Standard shipping set of PRO 111 includes MT4 Arbor with 19mm (3/4") Weldon Bore which accepts cutters up to 60mm diameter.

Optional MT4 Arbor with 32mm (1-1/4") Weldon Bore for cutters of larger diameter is available.



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| | | | | | | | | |
| Core drill max 111 mm | Twist drill max 47 mm | Thread cutting M30 | Spindle MT4 | Depth of cut 76 mm | Stroke 230 mm | Speed 85, 135, 160, 250 rpm | Motor Power 1650 W | Weight 31 kg |

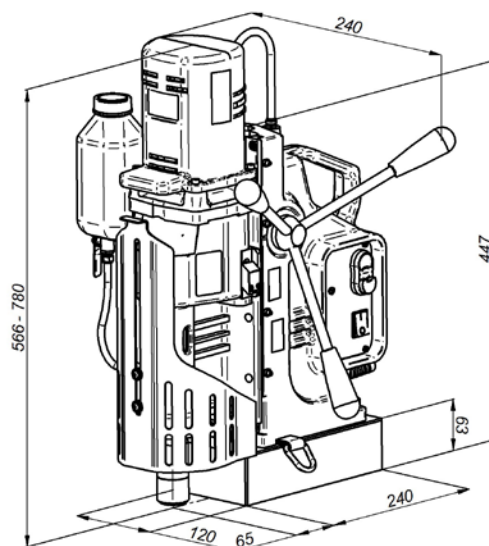


| PRO 111 - Technical specification | |
|-----------------------------------|--|
| Motor Speeds (under load) | 85/135/160/250 rpm |
| Motor Power | 1.650 W |
| Weight | 31 kg (66 lbs 14 oz) |
| Max milling capacity | Ø 111 mm (4-3/8") |
| Max drilling capacity | Ø 47 mm (1-7/8") |
| Max countersinking | Ø 63 mm (2-1/2") |
| Max tap size | M30 (tapping attachment required) |
| Stroke | 230 mm (9-1/16") |
| Max depth of cut | 76 mm (3") |
| Voltage | 76 mm (3") |
| Power consumption | 1.800 W |
| Overload protection | yes |
| Overload LED indicator | yes |
| Semi-automatic gib adjustment | yes |
| MPAC | yes |
| MFSC | yes |
| Magnetic clamping force | 22.000 N (25mm, Ra=1,25) |
| Magnet Base Dimensions | 120 x 240 x 63 (mm) 4-5/16 x 8-11/16 x 2-3/16 (") |
| Min. Workpiece Thickness | 10 mm (3/8") |
| Spindle | MT4 |
| Tool holder | 19mm (3/4") or 32mm (1-1/4") Weldon |



PRO-111 gearbox:

- MT4 spindle
- High torque up to 178Nm
- 4 powerful mechanical motor speeds
- Through spindle cooling



Standard shipping set:

- Magnetic base drilling machine
- Metal Box
- MT4 Arbor with 19mm Bore - Through Spindle Continuous Cooling
- Swarf Shield/Cutter Guard
- Coolant Bottle Assembly
- Safety Chain with Snap Hook, Set of Tools with Wedge
- Operator's Manual (English)
- Standard shipping weight – 38,2 kg (82 lbs 6 oz)

Selected additional accessories:

- UCW-0191-02-00-00-0 Through Spindle Continuous Cooling Arbor AMT4-U32/4-3
- PDS-0111-03-00-01-0 DMP0501 Pipe Attachment



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