

PRO 111 | Heavy-duty drilling machine

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.



Integrated Gearbox Housing with Slide

Motor Soft Start

4-Speed Gearbox

Service friendly

Overload Protection with LED indicator

Semi-automatic gib adjustment

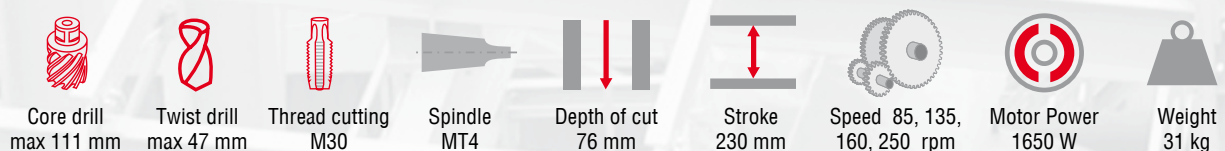
Magnetic Field Shape Control (MFSC)

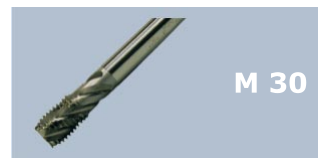
Magnetic Power Adhesion Control (MPAC)

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.





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	115V/60Hz or 230V 50/60Hz
Power consumption	1.800 W
Overload protection	yes
Overload LED indicator	yes
Semi-automatic gib adjustment	yes
MPAC	yes
MFSC	yes
Magnetic clamping force	2243 kG (22000 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") Wel- don



PRO-111 gearbox:

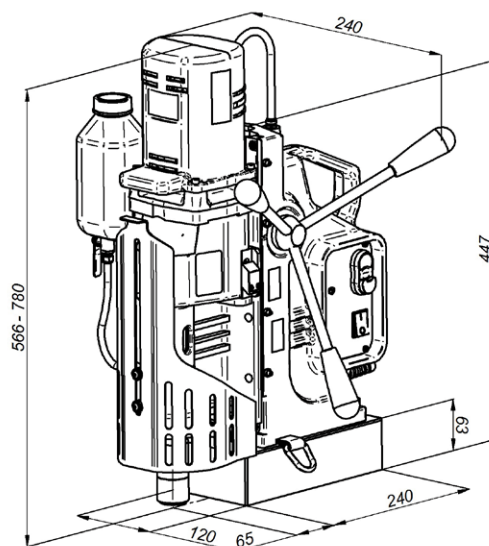
- MT4 spindle
- High torque up to 178Nm
- 4 powerful mechanical motor speeds
- Through spindle cooling

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



All information is subject to change without notice. 1508



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