PROMOTECH®

smart tools
for heavy tasks

FM 37982

PRO-72 | TWO-SPEED DRILLING MACHINE

PRO-72 is a powerful 2-speed mag drill enabling milling capacity up to 70 mm (2-3/4") and drilling up to 25 mm (1").

Thanks to innovative lightweight smart magnet PRO-72 weighs only 18,0 kg (40 lbs).

Its rigid design extends tool life and semi-automatic gib adjustment enables simple, fast and correct operation to be done in a few easy steps.

PRO-72 provides maximum holding power on thin materials thanks to Magnetic Field Shape Control (MFSC).

The drill protects both the machine and the operator from work on too thin workpiece by means of Magnetic Power Adhesion Control (MPAC).

PRO-72 is also equipped with Energy Saving Base (ESB) that uses only 50% of its power when motor is not running.

Features and benefits:

- powerful motor with heavy duty 2-speed gearbox
- milling with TCT or HSS cutters or drilling
- rigid design extends tool life
- innovative smart magnet with reduced weight
- Magnetic Field Shape Control (MFSC) provides maximum holding power on thin materials
- Magnetic Power Adhesion Control (MPAC) detects adhesive force of electromagnetic base and protects both the machine and the operator from work on too thin workpiece
- Energy Saving Base (ESB) uses only 50% of its power when motor is not running
- The motor stops automatically when the brushes are worn out (it is necessary to replace the brushes to restart the motor)
- semi-automatic gib adjustment
- lightweight design

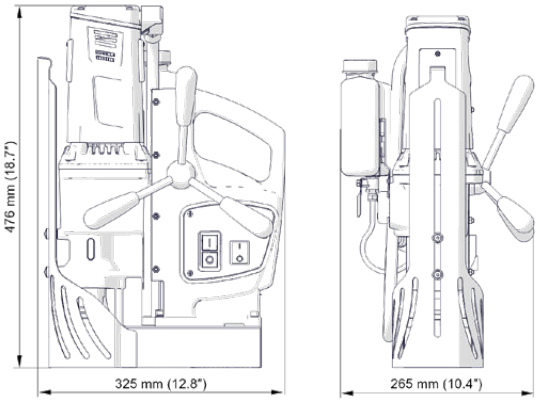


Core drill	Twist drill	Spindle	Depth of cut	Stroke	Speed	Power	Weight	Worn brushes Auto-Stop
max 70 mm (2-3/4")	max 25 mm (1")	MT3	75 mm (3")	190 mm (7-1/2")	160 rpm 390 rpm	1600 W	18 kg (40 lbs)	

PRO-72 TECHNICAL SPECIFICATION	
Motor Speeds (under load)	160 rpm (gear I) 390 rpm (gear II)
Power	1600 W
Weight	18 kg (40 lbs)
Max milling capacity	70 mm (2-3/4")*
Max drilling capacity	25 mm (1")
Stroke	190 mm (7-1/2")
Max depth of cut	75 mm (3")*
Voltage	1~ 220–240 V, 50–60 Hz
Semi-automatic gib adjustment	yes
MFSC (Magnetic Field Shape Control)	yes
MPAC (Magnetic Power Adhesion Control)	yes
ESB (Energy Saving Base)	yes
Magnetic clamping force (surface with the thickness of 25 mm and roughness Ra = 1.25)	1122 kgf (11 000 N)
Magnet Base Dimensions	92 mm × 180 mm × 54 mm 3-5/8" x 7" x 2-1/8"
Min. Workpiece Thickness	8 mm (5/16)
Spindle	MT3
Tool holder	19 mm (3/4") Weldon
Product Code 220–240 V, 50–60 Hz Product Code 110–120 V, 50–60 Hz	WRT-0687-10-20-00-0 WRT-0687-10-10-00-0

** If more than 60 mm (2-3/8"), use an MT3 arbor with 32 mm Weldon tool holder (UCW-0686-08-00-00-0) and max depth of cut is 50 mm (2")*

Dimensions:





Standard shipping set:

- Drilling machine
- Plastic box
- Handle (3 pcs)
- MT3 arbor with 19 mm (3/4") Weldon tool holder
- Safety strap
- Cooling system
- Protective spring for cooling hose
- MT2 drift
- 5 mm hex wrench with a handle
- 4 mm hex wrench
- 2.5 mm hex wrench
- 8 mm combination wrench
- Operator's Manual

More optional accessories:



Arbor MT3 x 32 mm Weldon
for drilling diameter over 60 mm (2.3")
up to 50 mm (2") depth
product code: UCW-0686-08-00-00-0



Pressure cooling system
capacity of 2 liters
product code: UKL-0440-16-00-00-0



Pipe attachment DMP 251 for pipes with diameters of 80–250 mm (3–10")
product code: PDS-0110-03-00-01-0



Pipe attachment DMP 501 for pipes with diameters of 150–500 mm (6–20")
product code: PDS-0111-03-00-01-0



Milling capacity up to 70mm (2-3/4")



Max depth up to 75 mm (3")
Max stroke up to 190 mm (7-1/2")



Drilling capacity up to 25 mm (1")
Lightweight design of 18 kg (40 lbs) only

All information is subject to change without notice. 23.03

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