

PRO 100/2 DRILLING MACHINE

PRO 100/2 - This is a rigid machine, which is equipped with motor overload protection system, continuous speed adjustment, which works in two speed ranges. Additionally, it has a state of the art Electronic Speed Stabilization System (ESSS), responsible for stabilizing motor's speed under varying loads on the spindle.

Reverse motor speeds are suitable for tapping with simple non-reverse tapping attachments. This machine has been well proven in most difficult environments, including high and low temperature conditions.

Twist drills up to 32 mm with a Morse Taper No. 3 shank can be mounted directly in the machine's spindle.

PRO 100/2 is equipped as standard with an arbor type: AMT3-C-19/3-3, which has 19 mm (¾") Weldon bore. For larger cutters with 32 mm (1¼") Weldon shank additional arbor type AMT3-C-32/3-3 needs to be ordered.

PRO 100/2 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.

PRO 100/2 can also be ordered with a swivel base as a PRO 100/2+.





Max
Ø 100 mm
(4")



Max
Ø 32 mm
(1 1/4")



Max
Ø 51 mm
(2")



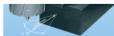
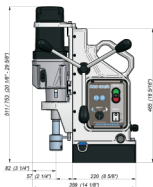
Max
M 24



Max
Ø 32 mm
(1 1/4")

PRO 100/2 - Technical specification

Spindle	MT3
Tool holder	19 mm (3/4") Weldon
Milling Cutter (Core drill) Ø	12 - 100 mm (1/2" - 4")
Twist drill Ø	1,5 - 32 mm (1/16" - 1 1/4")
Countersinking Ø	51 mm (2")
Reaming Ø	32 mm (1 1/4")
Max Tap size	M24
Stroke	252 mm (10")
Max depth of cut	76 mm (3")
Voltage	120 & 240 VAC
Power consumption [W]	1910
Motor Power [W]	1800
Speeds [rpm]	60-140 200-470
MPAC (Magnetic Power Adhesion Control)	yes
MFSC (Magnetic Field Shape Control)	yes
Forward/Reverse Speed	yes
Overload protection	yes
ESSS (Electronic Speed Stabilization System)	yes
Magnetic clamping force [N] (25mm, Ra=1,25)	17200
Magnet Base Dimensions	110 x 220 x 63 [mm] 4 5/16 x 8 11/16 x 2 1/2 ["]
Swivel base	± 15°; ± 15mm (± 9/16")
Min. Workpiece Thickness	10 mm (3/8")
Weight	28,5 kg (61 lbs 8 oz)
Product Code (220-240 VAC)	WRT-0153-10-20-03-0
Product Code (220-240 VAC) incl. swivel base	WRT-0153-10-20-04-0



Swivel base in PRO 100/2+

Standard shipping set:

- Magnetic Base Drilling Machine
- Metal Box
- MT3 Arbor with 19mm Weldon Bore – with cooling ring
- Coolant Bottle Assembly
- Safety Chain
- Set of Tools with Wedge
- Instruction Manual (English)
- Standard shipping weight – 39,5 kg (85 lbs 3 oz)

Selected additional accessories:

- UCW-0190-00-00-0-0 Continuous cooling arbor with ring AMT3-C32/3-3
- PDS-0111-00-00-0-0 DMP0500 pipe attachment
- UKL-0252-03-00-01-0 Coolant Bottle Assembly
- LNC-0223-00-01-00-0 Safety Chain

More information about accessories and spare parts is available at www.promotech.eu

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