

## PRO 100 DRILLING MACHINE

A very reliable, user friendly and powerful machine, which is equipped with a mechanical 4 speed gearbox.

It has got cutting capacity up to 100mm (4C) diameter. Twist drills up to 32mm (1 ¼") diameter with a Morse Taper No. 3 shank, can be mounted directly in the machine's spindle. PRO 100 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 (1 ¼") Weldon shank additional arbor type AMT3-C-32/3-3 needs to be ordered.

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



4 Speed  
Gearbox

The Longest  
Stroke within  
PRO Range

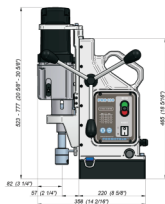
Magnetic Field  
Shape Control  
(MFSC)

Magnetic Power  
Adhesion Control  
(MPAC)

Swivel Base  
version available



PRO 100 - 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	M18
Stroke	254 mm (10")
Max depth of cut	76 mm (3")
Voltage	120 & 240 VAC
Power consumption [W]	1840
Motor Power [W]	1700
Speeds [rpm]	110/175 245/385
MPAC (Magnetic Power Adhesion Control)	yes
MFSC (Magnetic Field Shape Control)	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-0153-10-20-02-0

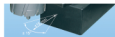


#### Standard shipping set:

- 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-0190-00-00-00 Continuous Cooling Arbor with Ring AMT3-C32/3-3
- PDS-0111-00-00-00 DMP0500 Pipe Attachment
- UKL-0252-03-00-01-0 Coolant Bottle Assembly
- LNC-0223-00-01-00-0 Safety Chain



Swivel base in PRO 100+

All information is subject to change without further notice version 01/2019

More information about accessories and spare parts is available at [www.promotech.eu](http://www.promotech.eu)

PROMOTECH Sp. z o.o.  
ul. Elewatorska 23/1, 15-620 BIALYSTOK, POLAND  
tel. (+48 85) 678 34 05, fax (+48 85) 662-78-77  
[marketing@promotech.eu](mailto:marketing@promotech.eu) [www.promotech.eu](http://www.promotech.eu)

Your local dealer:

