

■ PRO-200A ATEX | Pneumatic drilling Machine

Heavy-duty pneumatic drilling machine with milling/cutting capacity up to 200mm diameter and tapping capacity up to M48 is extremely useful for very special applications on construction sites and industrial installations, where electric appliances are prohibited for safety reasons.

Two permanent magnetic bases, pneumatic motor and no. 5 Morse Taper spindle make this machine one of the most powerful portable magnetic drills on the market.

■ Features & benefits:

- pneumatic motor and permanent magnetic bases eliminate the need of electric power supply
- intended for use in potentially explosive atmospheres
- heavy-duty pneumatic motor
- strong permanent magnets
- ATEX certified drill
- protection against accidental motor activation
- self-locking devices prevent any incidental deactivation of the permanent magnets
- cross slide system for precise hole center locations



PRO-200A ATEX
conforms to
ATEX II 2 G/D c IIC T6/T4
Standard for equipment used
in hazardous environments





Core drill
max 200 mm
(7-7/8")




Twist drill
max 45 mm
(1-3/4")




Thread cutting
M48




Spindle
MT5



Depth of cut
100 mm
(4")



Stroke
400 mm
(15-3/4")



Speed
(under load)
20, 80 rpm



Motor Power
3650 W



Weight
130 kg
(290 lbs)

A potentially explosive atmosphere exists when a mixture of air gases, vapours, mists, or dusts combine in a way that can ignite under certain operating conditions. The source of ignition could be either electrical or mechanical in origin.

Working in explosive atmospheres carries many challenges, including first of all the safety of the workers. Therefore, PRO-200A ATEX complies with ATEX (ATmospheres EXplosibles) directive and is intended for use in the oil, gas and energy industries.

PRO-200A ATEX capacity:

■ Milling up to 200mm (7-7/8")

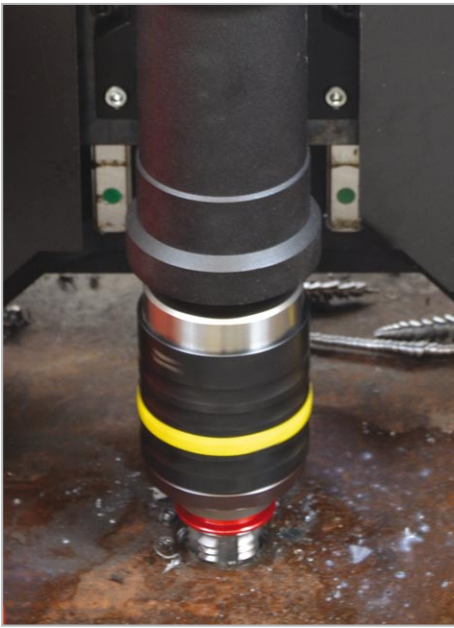


■ Drilling up to 45mm (1-3/4")



ATTENTION: Cutter guard is not in place for demo purpose only

■ Tapping up to M48



■ Working on contour surfaces



PRO-200A ATEX can be fixed to pipes of min. 950mm (37.4") diameters

Base with permanent magnets can be adapted to a workpiece curvature

■ Safety features:



Permanent magnets need no power supply from the mains. A self-locking device prevents any possible accidental movement of the handle and deactivation of the magnet.



Clamping base incorporates cross slide system for precise hole center locations. Both 44 mm longitudinal and cross travel.

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PRO-200A ATEX TECHNICAL SPECIFICATION

Motor Speeds (under load)	20 rpm (gear I) 80 rpm (gear II)
Motor Power	3650 W
Air consumption	3500 l/min (125 CFM)
Pressure	6.5 bar
Air connection	G1/2" external thread
Spindle	MT5
Tool holder	31.75 mm Weldon (1-1/4")
Max milling capacity	200 mm (7-7/8")
Max drilling capacity	45 mm (1-3/4")
Max Tap size	M48
Stroke	400 mm (15-3/4")
Max depth of cut	100 mm (4")
Magnetic clamping force	2 × 15.000 N
Min. workpiece thickness	13 mm (1/2")
Required ambient temperature	0–40°C (32–104°F)
Weight	130 kg (290 lbs.)

Standard set includes:

- pneumatic drilling machine
- MT5 arbor
- 3 feed levers
- cooling system 5l
- chip guard
- drift for MT5
- 4 mm hex wrench
- 5 mm hex wrench
- 6 mm hex wrench
- 8 mm hex wrench
- 10 mm hex wrench
- 13 mm flat wrench
- Operator's Manual

PRO-200A ATEX is perfectly suited to hazardous environments such as oil drilling platforms, petrochemical plants, oil refineries, shipbuilding and petrochemical industry

