

# FOUR-SPEED DRILLING MACHINE FROM STEELMAX®

## D4 PRO PORTABLE MAGNETIC DRILL HEAVY-DUTY INDUSTRIAL MAGNETIC DRILL

The Steelmax D4 PRO is an extremely powerful 4-Speed, rigorously constructed drilling machine that is purposely designed for longevity. The RPM range of 100-500 (under load) makes it optimal for use with HSS and TCT annular cutters. Lightweight, compact and portable, this magnetic drill features a powerful 1650-watt motor capable of drilling with annular cutters up to 4" (100 mm) diameter holes through 4" (100 mm) thick material. The optional drill chuck can be used with solid, twist drills up to 1-1/4" (31.75 mm) diameter and the large stroke enables easy use of longer tools.

The D4 PRO is equipped with the most advanced electro-magnetic technology. Using only 50% power when the motor is not under load, the Energy Saving Base (ESB) reduces excessive heat build-up, dramatically increasing the operating life of the electromagnet. Our Magnetic Field Shape Control (MFSC) system provides maximum holding power on thin materials. The integrated Magnetic Power Adhesion Control Module (MPAC) detects the adhesive force of the electromagnet base and prevents drill activation when there is insufficient adhesive power, protecting both the machine and the operator.

### FEATURES

- Heavy-duty 4-speed gearbox
- Up to 4" diameter and 4" depth of cut
- 9" Stroke
- Magnetic Power Adhesion Control (MPAC)
- Magnetic Field Shape Control (MFSC)
- Energy Saving Base (ESB)
- Comes complete with swarfshield
- Motor automatically stops when brushes are worn out
- Semi-automatic gib adjustment



Max hole size  
max 4" (100 mm)



Twist drill  
max 1-1/4" (31.75 mm)



Depth of cut  
4" (100 mm)



Stroke  
9" (225 mm)



Speed  
100 rpm, 175 rpm  
275 rpm, 500 rpm

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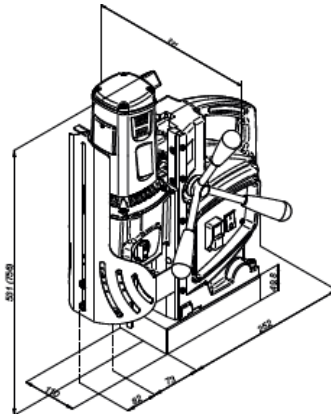
D4 Pro Technical Specifications	
Motor Speeds (under load)	100 rpm (gear I), 175 rpm (gear II), 275 rpm (gear III) 500 rpm (gear IV)
Voltage	1 ~ 110-120 V, 50-60 Hz
	1 ~ 220-240 V, 50-60 Hz
Max drilling capacity	1-1/4 in (31.75 mm)
Max hole capacity TCT/HSS	4 in (100 mm)
Power	1650 W
Max countersinking	2-1/2 in (63 mm)
Stroke	9 in (225 mm)
Magnet Base Dimensions	4-5/16" x 8-11/16" x 1-15/16" 110 mm x 220 mm x 49,8 mm
Min. Workpiece Thickness	3/8" (10 mm)
Spindle	MT3
Tool holder	3/4" Weldon (19 mm)
Part Number	SM-D4-PRO
Weight	52 lbs (24 kg)



Milling capacity up to 4"(100 mm)  
 Max depth up to 4" (100 mm)  
 Max stroke up to 9" (225 mm)

### Basic set:

- Magnetic base drilling machine
- Metal case
- 3/4" (19 mm) Weldon tool holder
- MT3 Drift
- Integrated coolant system
- Set of tools
- Safety strap



### Optional Accessories:

**SM-DC-PRO40-WSA\*** Weldon Shank 3/4" Adaptor - 20 UNF

**SM-DC-PRO40\*** Drilling Chuck 16-1/2" - 20 UNF

\*Items necessary for use with twist drill bits.

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For ordering and customer service, or to request detailed product information or demonstration videos, contact:

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