

DRILLING & TAPPING MACHINE FROM STEELMAX®

D400-XTS INDUSTRIAL TAPPING & DRILLING MACHINE with SWIVEL BASE

Large Diameter, Multipurpose, Reversible Swivel Based Magnetic Drill

The D400XTS magnetic drilling machine is suitable for numerous industrial hole making and tapping applications.

The D400XTS has a swivel base which makes it much easier to align the pilot pin or twist drill for accurate drilling to avoid off-center holes, especially when used upside down or sideways. Powerful 2300 W, variable-speed motor enables cutting capacity up to 5" (127 mm) and drilling capacity up to 1-1/4" (31.75 mm). Forward and reverse functions allows tapping of pre-drilled holes up to 1-1/4" (M30) by using the quick-change tapping system from Steelmax.

4-speed gear and continuous speed adjustment help to set the optimal speed depending on size of diameter, material grade and tool in use. The intelligent speed control system maintains constant speed regardless of the changing load and increases tool life. Innovative 360-degree visual monitoring system facilitates machine operation and increases work safety.

FEATURES

- 360-degree visual monitoring system indicates current drill condition and safety and diagnostic information, e.g. worn brushes
- Very powerful 2300 W motor
- Overload & Overheat protection
- 4-Speed gear with continuous speed adjustment
- Intelligent speed control system maintains stable speed regardless of load changes
- Tapping of through and blind holes with intelligent load control
- Drilling with both TCT & HSS cutters and twist drill bits
- Full electronic motor control
- Electronic clutch (faster than mechanical)
- Rigid design extends tool life
- Tilt sensor (gyroscopic) stops motor in case of machine break away
- Innovative smart magnet with reduced weight
- Intuitive control panel at top of the drill
- Through spindle coolant system with removable coolant bottle



Max Hole Size:
5" (130 mm)



Depth of cut:
4" (100 mm)



Stroke:
9" (225 mm)



Weight:
55 lbs. (25 kg)



Minimum work piece
thickness: 3/8"
(10 mm)

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The tools of innovation.

D 400XTS Technical Specifications	
Motor Speeds (under load)	75-110 rpm (gear 1) 135-200 rpm (gear 2) 220-320 rpm (gear 3) 390-570 rpm (gear 4)
Motor Power	2300 W
Weight	63 lbs (28.5 kg)
Max Milling Capacity	5" (127 mm)
Max Drilling Capacity	1-1/4" (31.75 mm)
Max Tap Size	1-1/4" (M30)
Stroke	9" (225 mm)
Max Depth of Cut	4" (100 mm)
Voltage	115 V, 50-60Hz 230 V, 50-60 Hz
Magnetic clamping force (surface with the thickness of 25 mm and roughness Ra=1.25)	4045 ft lbs (18000 N)
Base adjustment range	shift +3/8" (10 mm) +/- 1/5" (5 mm) turn ±15° Min. Workpiece Thickness 3/8"
Magnet base dimensions	4 1/3" x 8 3/4" x 2" 110 mm x 220 mm x 50 mm
Min. Workplace Thickness	3/8" (10 mm)
Spindle	MT3
Tool Holder	3/4" (19 mm) or 1 1/4" (32 mm) Weldon
Part Number 115V, 50-60 Hz	SM-D-400XTS
Part Number 230V, 50-60 Hz	SM-D-400XTS-230

Standard shipping set:

- Drilling machine
- Metal case
- MT3 Arbor with 3/4" (19 mm) Weldon tool holder
- Coolant bottle assembly
- Safety strap
- Set of tools



Swivel base for more precise drilling

360-degree Visual Monitoring System – VMS



 Drill Operational Status	■	Ready To Operate (Solid Green)
	■	Normal Operation (Solid White)
	■	Motor Overheat (Solid Red)
	■	Emergency Stop/Overload (Solid Blue)
	■	Emergency Stop/Low Adhesion (Solid Violet)
 Safety Information	■	Inadequate Adhesion (Flashing Green)
	■	Near Overload (Flashing Blue)
 Diagnostics	■ ■	Emergency Stop/ Voltage Drop (Red Flashes to Blue)
	■ ■	Emergency Stop/ Worn Brushes (Red changes to Green)



Drilling Capacity up to 5" (127 mm)
Max Depth of cut up to 4" (100 mm)



Through and Blind Hole Tapping

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