

D500XT HEAVY DUTY TAPPING & DRILLING MACHINE

POWERFUL HEAVY DUTY MAGNETIC DRILLING MACHINE

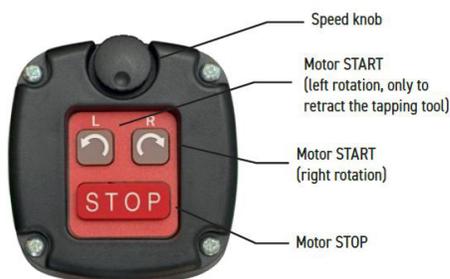
The D500XT drilling machine is suitable for many heavy-duty hole making and tapping applications.

Powerful 2300 W, variable speed motor enables cutting capacity up to 6" (152 mm) and drilling capacity up to 1-5/8" (42mm). Forward and reverse functions allow tapping of pre-drilled holes up to 1-5/8" (M42) by using the quick change tapping system by Steelmax.

4-speed gear and continuous speed adjustment help to set the optimal speed depending on diameter, material grade and tool in use. Intelligent speed control system maintains the 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 condition of drill and gives 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 from small up to large diameters
- 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
- Large coolant reservoir



Intuitive control panel at top of the drill



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Counterclockwise (CCW) rotation
User-friendly control of tapping tool release

D 500XT Technical Specifications

Motor Speeds (under load)	58-85 rpm (gear 1) 100-150 rpm (gear 2) 200-300 rpm (gear 3) 350-520 rpm (gear 4)
Motor Power	2300 W
Weight	68 lbs (31 kg)
Max Hole Size-Annular Cutter	6" (152 mm)
Max Drilling Capacity	1-5/8" (42 mm)
Max Tap Size	1-5/8" (M42)
Stroke	10" (260 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)	5622 ft. lbs. (25000 N)
Magnet base dimensions	4-1/8" x 12-3/8" x 2" 105 mm x 315 mm x 50 mm
Min. Workplace Thickness	3/8" (10 mm)
Spindle	MT4
Tool Holder	3/4" (19 mm) or 1 1/4" (32 mm) Weldon
Part Number 115V, 50-60 Hz	SM-D-500-XT
Part Number 230V, 50-60 Hz	SM-D-500-XT-230

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)

Standard shipping set:

- Magnetic drilling machine
- Metal shipping box
- Handle (3 pcs)
- MT4 Arbor with 3/4" (19 mm) Weldon tool holder
- MT3 drift
- Coolant bottle assembly
- Safety strap
- Set of tools with wedge
- Instruction manual
- Protective spring for cooling hose
- MT2 drift
- 6 mm hex wrench
- 5 mm hex wrench with a handle
- 2.5 mm hex wrench
- 8 mm combination wrench
- Tool can
- Locking connector (only in 115 V version)

Drilling Capacity up to 5" (130 mm)

Max Depth of cut up to 4" (100 mm)



Screw Tapping



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