

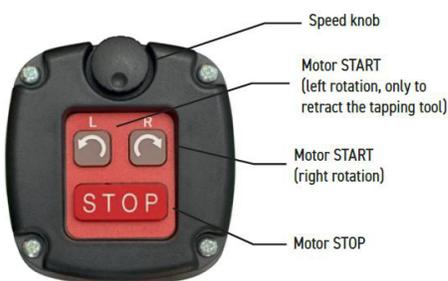
## D300XT TAPPING & DRILLING MACHINE

### VARIABLE SPEED MAGNETIC DRILLING MACHINE

- The D300XT is a variable speed drilling machine designed to drill holes with diameters of up to 2-3/4" (70mm) by using annular cutters. The machine can also drill holes with diameters of up to 1" (25mm) by using twist drill bits. The D300XT can change the direction of rotation. This allows tapping of pre-drilled holes by using a tap chuck. The electromagnetic base clamps the machine to ferromagnetic surfaces, making sure that the operator is safe and the machine works correctly. A safety strap protects the machine from falling in case of a clamping loss. Accessories allow you to drill in pipes and cut threads.

#### FEATURES

- 360-degree visual monitoring system indicates current condition of the drill and gives safety and diagnostic information, e.g. worn brushes
- 1600 W motor
- Overload & Overheat protection
- 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
- 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

### Standard shipping set:

- Magnetic drilling machine
- Plastic shipping box
- MT3 Arbor with 3/4" (19 mm) Weldon tool holder
- Swarf shield/Cutter guard
- Coolant bottle assembly
- Safety strap
- Set of tools with wedge
- Instruction manual
- Protective spring for cooling hose
- MT3 drift
- 4 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)

D 300XT Technical Specifications	
Motor Speeds (under load)	120-190 rpm (gear 1) 290-450 rpm (gear 2)
Motor Power	1600 W
Weight	40 lbs (18 kg)
Max Milling Capacity	2-3/4" (70 mm)
Max Drilling Capacity	1" (25 mm)
Max Tap Size	7/8" (M20)
Stroke	7.5" (190 mm)
Max Depth of Cut	2-15/16" (75 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)	2472 ft lbs (1121kG)
Magnet base dimensions	3.6" x 7.1" x 2.1" 92 mm x 180 mm x 54 mm
Min. Workplace Thickness	0.3" (8 mm)
Spindle	MT3
Tool Holder	3/4" (19 mm) Weldon
Part Number 115V, 50-60 Hz	SM-D-300XT
Part Number 230V, 50-60 Hz	SM-D-300XT-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)



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