



Column Drilling Machines DTM-12



SKU : 470604

TRIAL MACHINE

DTM series drill presses are the right choice for any workshop, from hobby to professional applications. Equipped with a 220 V power supply, the machine can be put in operation quickly. The integrated single-phase brushless DC motor provides maximum torque at minimum rpm.

- Compact motorized spindle
- Maintenance-free drive
- Infinitely variable speed
- High drilling capacity
- Rotating work table

TECHNICAL SPECS

WORKING AREA

Drilling capacity	0.87 in
Tapping capacity, steel	M 12
Table set up area	7 in x 11 in
Manual table travel	14.96 in
Table swivel range (max.)	± 360°
Quill stroke	3 in
Column diameter	3 in
Spindle nose-to-table surface distance	17 in
Spindle nose-to-foot distance	25 in
Throat	9 in

HEADSTOCK

Spindle mount	2 MT
Speed range	100 rpm - 1800 rpm

DRIVE CAPACITY

Motor rating main drive	1.3 Hp
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MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	24 in x 16 in x 46 in
Weight	152 lbs

PRODUCT DETAILS



- With its powerful drive and thread cutting option, the DTM-12 is a true all-rounder among bench-type drill presses
- The heart of the DTM drill press is an integrated single-phase brushless DC motor with infinitely variable speed that provides maximum torque at its minimum speed setting
- This maintenance-free drive does not need any belts or gears, which results in a very quiet vibration-free operation
- Energy consumption of this highly efficient drive is about 70% lower than in comparable machines with conventional technology
- Equipped with a 220 V power supply, the machine can be put in operation quickly
- Due to the minimal heat generation of this efficient drive, the drill head is completely closed, which makes it especially suitable for work under difficult environmental conditions
- A bright display shows the spindle speed, which can be set by the operator infinitely variable to suit different materials and drill diameters
- An easy to set stop limits the quill stroke for the desired drilling depth
- Safety features include an adjustable spindle guard with over current protection and an ideally positioned emergency stop switch
- The drill press table swivels around the column and its height can be adjusted manually via rack-and-pinion gears
- The rotating table also simplifies the alignment of workpieces and clamps under the drill spindle
- The drill press foot features a precision-machined clamping/setup surface
- In addition to drilling, this machine can also be used for thread cutting
- In thread cutting mode, the desired thread depth can be set at the central depth stop
- Upon reaching the highly precise stop switch, the spindle automatically reverses its rotation
- Due to the spindle drive's special design, rotational direction can be reversed very quickly without wasting any material
- The thread cutting process also can be controlled manually, whereby a smart stop switch solution at the capstan handle allows for a very quick and safe reversal

Standard Equipment

- Drill chuck with chuck key
- Taper mandrel
- Austreiber
- Protective shield
- Thread cutter
- Digital speed (rpm) display
- Operator manual available in English only