

Specifications:

Stroke Drilling:

3" adjustable to within $\pm .001$ ".

Stroke Tapping:

3" adjustable to within $\pm .001$ ", repeats to within $\frac{1}{2}$ turn.

Spindle Speeds:

265, 370, 505, 695, 945, 1380, 1870, 2565, 3500 and 4900 RPM by changing pulley combinations using 28-152 motor.

400, 560, 765, 1055, 1430, 2085, 2825, 3880, 5300 and 7200RPM by changing pulley combinations using 24-151 or 24-152 motors.

Spindle Taper: #2 Jacobs

Drilling Capacity:

$\frac{3}{8}$ " in mild steel

Tapping Capacity:

$\frac{1}{2}$ " in mild steel

Chuck Capacity Drilling: #60 – $\frac{3}{8}$

Chuck Capacity Tapping: #4 – $\frac{1}{2}$

Thrust: 450 lbs. maximum on 100 PSIG line pressure

Rapid Approach Feed Rate: Up to 600 inches per minute

Return Rate: Up to 600 inches per minute

Controlled Feed Rate: Down to 2 in/min @ 450 lbs. thrust w/optional hydraulic control

Controls: Built-in electrical and pneumatic controls

Bearings: Precision duplex sealed ball bearings

Lubrication: Automatic through filter-oiler unit

Weight: Net 42 lbs., shipping weight 60 lbs.

Equipment Included:

8 Pulleys and timing Belt
Filter oiler unit
Air Hose Assembly
2 quarts of hydraulic oil
Geared Chuck and Key

Optional Accessories:

Motors: 28-152 (Part No. 430-0346)
24-151 (Part No. 430-0335)
24-152 (Part No. 430-0334)

Hydraulic Feed Control:

24-111 (Part No. 508-0045)

Tapping Control Panel:

(Part No. 508-0001)

Horizontal Mounting Bracket:

24-210 (Part No. 887-0079)

Vertical Mounting Bracket:

24-211 (Part No. 887-0078)

Series 28 Drill & Tap Unit

Your business tag line here.

DUMORE CORPORATION

This unit can tap as well as drill. The motor automatically reverses for withdrawal after tapping using (430-0346 Motor Sold Separately). This unit requires no mechanical parts such as gears, clutches or lead screws. It eliminates the major cause of problems in ordinary tapping machines. The Series 28 is capable of tapping class 2 threads in a range from 4-40 to $\frac{1}{2}$ -13 threads per inch. It has all the versatility of the low air consumption requirements of all Dumore Auto-Feed units – 5 SCFM or less. This unit will accept multiple spindle drill heads.



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 **DUMORE CORPORATION**
Quality is our legacy