



PIPE TOOLS & VISES  
SINCE 1896

# TAPPING & DRILLING MACHINES

## DIRECT TAPPING MACHINE



- “Flip Clamp” feed system is fast and easy-to-use; just flip the yoke to engage the boring bar.



Flip Clamp  
on Star Feed  
System

- User friendly, low profile machines are lightweight and compact.
- TM1100 direct taps and installs 3/4" - 1" corp stops.



## DM SERIES DRILLING MACHINE



- DM1100 series saddle taps 3/4" - 1" and the DM2100 series saddle taps 3/4" - 2", both under pressure.
- All machines are suited for cast ductile iron, and C-900 PVC. Drilling machines also work on PE water mains.



# DIRECT TAPPING MACHINE

Drill and tap water mains while under pressure, then install 3/4" or 1" corporation stops in a 2-step operation. Covers a range of 4" - 48" cast or ductile iron and C900 PVC with the use of saddles and chain extensions (saddles sold separate). TM1100 tapping machine features a flip clamp feed system. Anodized and epoxy-painted aluminum frames provide a lightweight yet sturdy machine for tough in-ditch applications. The swing valve allows easy change-out from drill tap to corporation insertion tool without main shutdown.



TM1100

## TAPPING MACHINE ACCESSORIES

Sold Separately.

### PVC DRILL TAPS

The unique three flute design bores into the pipe with less effort than other drill tap designs and insures that the coupon and cuttings are retained.



### SADDLES

Available in sizes from 4" up to 48".



### DRILL TAPS

Performs fast with six cutting edges for clean threads and less leaks. Has a sharper point for easy starting.



### TAPPING COMPOUND

Food grade compound that does not contaminate water, making this compound environmentally friendly.



# DM SERIES DRILLING MACHINES

DM2100

EVERYDAY  
WORKHORSE

Drill through the pipe wall of cast iron, ductile iron, C900 PVC and PE water mains via the corporation stop inserted into the service saddle while under pressure. Suited for 3/4" - 2" for NPT, 110 Compression, AWWA and BSPT specs. DM Series drilling machines have a quick clamp feed mechanism requiring little adjustment. These machines are more compact for field use, thus requiring less clearance than other models.



## FEED TAP™ DRILLING MACHINE



- ✓ Drills through 3/4" - 2" pressurized ductile iron, cast iron, PVC or PE
- ✓ Powered by either drill or manually.
- ✓ The preferred manual drilling tool for PVC taps.



### DRILLING MACHINES

DM2100B	09301	Base Only
DM1100	09302	3/4" - 1" AWWA
DM2100BSPT	09308	3/4" - 2" BSPT
DM2100	09312	3/4" - 2" AWWA
DM2100NPT	09315	3/4" - 2" NPT Corp Stops
DM2100110	09317	3/4" - 2" 110 Compression
DM2100CCNPT	09318	3/4" - 1" AWWA, 1 1/2" - 2" NPT
DM2100UNIVERSAL	09321	3/4" - 2" AWWA & NPT

Heavy duty machine that is compact and lightweight to make up to 2" saddle taps. REED offers many versions of this drilling machine to meet individual customer needs.

### DRILLING MACHINE ACCESSORIES

Sold Separately.



#### CARBIDE-TIPPED HOLE CUTTERS

Used with a hole saw adapter, these are black oxide coated for corrosion resistance.



#### HEAVY DUTY CARBIDE -TIPPED HOLE CUTTERS

Provide more taps into mains than standard hole saws. Thicker walls, bigger carbides and high-temperature brazing help saws withstand many cuts. Large slot for easy coupon removal.



#### D SERIES DRILL BITS

Spiral drills of strong, high speed steel are heat-treated for longer life and black oxide coated for corrosion resistance.



#### PVC/PE SHELL CUTTERS

Cut through service saddles on PVC or PE. Retains the coupon by design.

# COMBINATION TAPPING & DRILLING MACHINES

The CDTM machine kits contain the necessary components to assemble a tapping or drilling machine. The CDTM1100 is a TM1100 with components for converting to a DM1100. The CDTM2100 is a TM1100 with components for converting to a DM2100. It utilizes REED Drill Taps and REED D Series Drill Bits, Hole Saws or Shell Cutters. Accessories (shown on pages 2-3) must be purchased separately.



## POWER UNITS FOR TAPPING



Learn more about adding power to drilling and tapping jobs.



## PVC/PE DRILLING MACHINE

Cut through the PVC/PE pipe wall via the 3/4" or 1" corp stop, while under pressure.

DMPVC Complete



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