

# Tapping & Drilling Machines



PIPE TOOLS & VISES  
SINCE 1896

## Direct Tapping Machine



TM1100



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

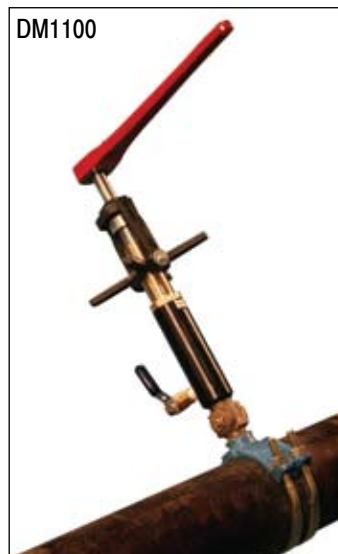


Flip Clamp  
on Star Feed  
System

## Drilling Machine



DM2100



DM1100

- User friendly, low profile machines are lightweight and compact.
- TM1100 direct taps and installs 3/4" - 1" corp stops.
- 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 iron, ductile iron, and C-900 PVC. Drilling machines also work on PE water mains.



# Tapping Machine

**BEST EVER!**

Shown: TM1100

Reed's direct tapping machine is used to drill and tap water mains while under pressure, then to install 3/4" or 1" corporation stops in a 2-step operation. It covers a range of 4" - 48" cast or ductile iron and C-900 PVC with the use of saddles and chain extensions. The TM1100 features a "flip clamp" star feed system. Anodized and epoxy-painted aluminum frames provide a lightweight yet strong machine for tough in-ditch applications. The swing valve allows easy change-out from drill tap to corporation insertion tool without main shutdown.



## 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.



### DRILL TAPS

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



### SADDLES

Available in sizes from 4" up to 48".



### TAPPING COMPOUND

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



# Drilling Machines



Shown: DM2100

Drilling machines cut or drill through the cast iron or ductile iron pipe wall via the corporation stop inserted into the service saddle while under pressure. They use Reed D series drills or carbide-tipped hole cutters. Drills and cutters sold separately as accessories. With shell cutters and proper adapters, these units can also be used on C-900 PVC pipe and PE water mains.



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.

Catalog No.	Item Code	Description
DM1100	09302	3/4 & 1" AWWA
DM1100NPT	09305	3/4 & 1" NPT
DM2100	09312	3/4", 1", 1 1/2", & 2" AWWA
DM2100NPT	09315	3/4" - 2" NPT
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

## DRILLING MACHINE ACCESSORIES

Sold separately.

### 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.



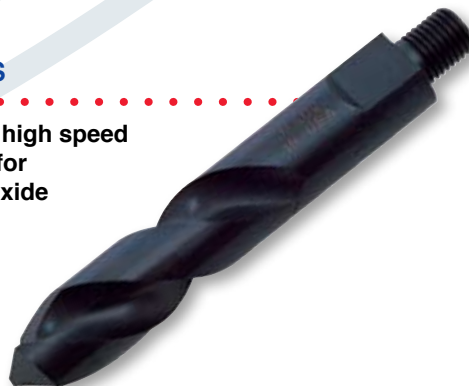
### CARBIDE-TIPPED HOLE CUTTERS

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



### 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.



# Combination Drilling & Tapping Machines

Shown: CDTM2100

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



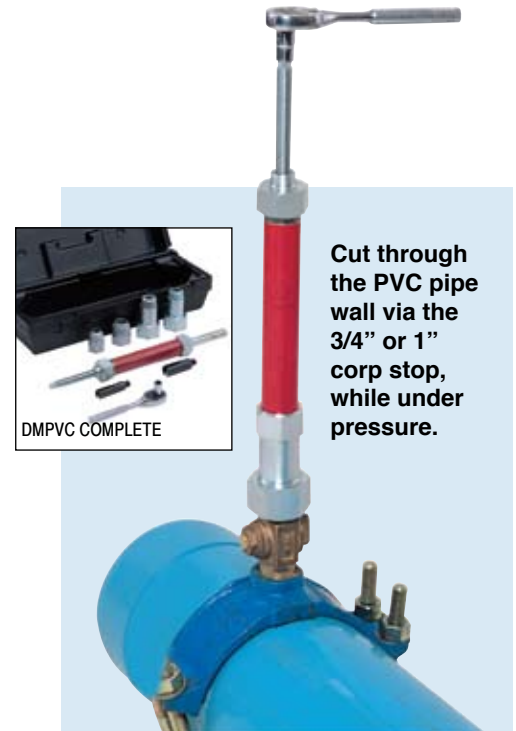
601PDTAP  
with TM1100



700PDTMPDA  
with DM1100

Contact Reed to learn more about adding power to drilling and tapping jobs.

## DMPVC PVC Drilling Machine



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

DMPVC COMPLETE



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