WATER SERVICES TOOLS & MACHINES www.reedmfgco.com



# FEED TAP™ DRILLING MACHINES

#### **FEATURES**

- Superior performance and life of the carbide-tipped Heavy-Duty Shell Cutters on cast and ductile iron.
- Preferred tool for **PVC and PE** taps using **manual power** and PL Series Shell Cutters.
- Coupon Retaining Pilot Drill Bit with proven technology **provides consistent results**.
- All units are shipped in an impact-resistant, compact case.

Reed's Feed Tap" drills through PVC, PE, cast iron and ductile iron while under pressure. The compact design, featuring a separate feed for advancing the heavy-duty shell cutter into the pipe, allows the user to easily complete the tap using an electric or cordless drill, right angle drill for cast and ductile iron, or even a 7/16" wrench (drill/wrench not included) with manual power for plastics. The independent feed control advances the shell cutter for tapping PVC pipe as recommended by Uni-Bell PVC Pipe Association. The FTB Feed Tap consists of the base unit which allows the user to purchase shell cutters and corporation adapters separately, as needed. A complete kit is sold as **FT2000UNIV**. The kit contains both a coupon retaining drill bit, CRPD25 and two sets of coupon retaining magnets. Plastic Pipe only **FTP2000UNIV** is used for manual drilling operations with Reed's proven PVC/PE Shell Cutters. The FTP2000UNIV comes complete with all corporation adapters, shell cutters, adapters and a ratchet wrench with socket to cover 3/4" to 2," corvings in PVC and PE. Each machine this with a study correspondence. 34" to 2" services in PVC and PE. Each machine ships with a sturdy carrying case.

Catalog	Item	Description		Gross Weight*	
No. Code		Description		kg	
FTB	09160	Feed Tap™ Base Machine	22.5	10.2	
FT2000UNIV	09165	Complete Feed Tap™ Kit ³/4 - 2"	34.0	15.5	
FT2000CC110	09161	AWWA/110 Comp Feed Tap™ Kit <sup>3</sup> / <sub>4</sub> - 2"	31.5	14.3	
FT2000	09162	AWWA Feed Tap™ Kit ³/₄ - 2"	27.8	12.6	
FT2000110	09163	110 Comp Feed Tap™ Kit ³/₄ - 2"	28.0	12.7	
FT2000NPT	09164	NPT Feed Tap™ Kit ³/4 - 2"	26.5	12.0	
FT2000CCNPT	09166	AWWA/110 Comp 3/4 - 1" NPT 1 1/2 - 2" Feed Tap™ Kit	28.7	13.0	
FT1000CC110	09167	AWWA/110 Comp Feed Tap™ Kit ³/₄ - 1"	24.4	11.1	
FTP2000UNIV	09168	Complete Plastic Pipe Only Feed Tap Kit ¾" – 2"	36.0	16.4	
FTBB	09169	Feed Tap™ Main Unit, CRPD25 and TMTC6 – no case	9.0	4.1	

\*GROSS WEIGHT includes all components plus packaging.

NOTE: Feed Tap" is designed to be used with corporation stops and bronze gate valves up to 2".

To tap through a **2" iron body gate valve**, one 1" NPT female x 2" NPT male bushing is **REQUIRED**. Feed Tap" **not** to be used on gas lines. MECHANICAL HOT TAPPING MACHINE ON P. 79 is recommended for steel pipe.

**ACCESSORIES** 

## **CORPORATION ADAPTERS**

Catalog	Item	Description	Weight			
No.	Code	Description	lbs	kg		
FT75CC110	09170	3/4" AWWA and 110 Comp	.60	.27		
FT100CC110	09171	1" AWWA and 110 Comp	.55	.25		
FT150	09172	1 ¹/2" AWWA	1.20	.55		
FT200	09174	2" AWWA	1.40	.64		
FT150110	09173	1 <sup>1</sup> /2" 110 Comp	1.35	.61		
FT200110	09175	2" 110 Comp	1.40	.64		
DMCA100IPS*	98499	1" IPS	.80	.40		
FT75NPT	99117	3/4" NPT	.45	.20		
FT100NPT	99118	1" NPT	.45	.20		
FT150NPT	99109	1 ¹/2" NPT	.80	.36		
FT200NPT	99112	2" NPT	.80	.36		
*Requires #09171 adanter						

NOTE: No BSPT adapters available.

### **HEAVY-DUTY SHELL CUTTERS**

Cut up to 2" deep and fit most standard arbors and competitive machines. Recommended for cast and ductile iron. The attachment thread is  $\frac{1}{2}$  - 20. Each tooth has carbide inserts which long outlast bi-metal teeth.

Item	Shell Cutter Size Inches*	Nom. Corp.	Weight	
Code		Size in*	lbs	kg
99132	11/16	3/4"	.09	.04
99134	7/8	1"	.15	.07
99137	1 7/16	1 <sup>1</sup> / <sub>2</sub> "	.41	.19
99138	1 3/4	2"	.57	.26
	99132 99134 99137 99138	Code         Shell cutter Size           100 cm         100 cm           99132         11/16           99134         7/8           99137         1 7/16	Shell Cutter Size   Size in*	Code         Shell Cutter Size Inches*         Size in*         Ibs           99132         11/16         3/4"         09           99134         7/8         1"         .15           99137         1 7/16         1 1/2"         .41

\*Check manufacturer's fitting specifications for proper hole diameter.

### **MISCELLANEOUS**

Catalog No.	Item Code	Description		
FTPLAA	04423	Adapter used with 1 ½" & 2" PVC/PE Shell Cutters		
DMP716	04428	Ratchet Wrench		
L716	04429	7/16" Socket		
FTAA	09113	Arbor Assembly used with 1 7/16" & 1 3/4" FTSC Shell Cutters		
FTPSAA	94198	Adapter used with 3/4" & 1" PVC/PE Shell Cutters		
CRPD25	99129	1/4" diameter Carbide Tipped Coupon Retaining Drill Bit		
TAPPING COMPOLIND ON P. 39				

PVC/PE "PL SERIES" SHELL CUTTERS ON P. 43 recommended for PVC and PE.