

# M4 Series Tapping Machines

The M4 series is available in four versions:

- M4-12 with 12 inches of travel
- M4-18 with 18 inches of travel
- M4-24 with 24 inches of travel
- M4-30 with 30 inches of travel



## Description

The M4 series of tapping machines are used to make 1/2" through 4" taps while pipeline is under pressure without interrupting service. The M4 is furnished with a ratchet crank handle as standard. Optional power-drive with air drive socket and air wrench is available. Consult plant for additional sizes.

\*Up to 6" taps available with the M4-30

## Features

All M4 models have a maximum operating pressure of 1480 PSIG at 100°F; and 700 PSIG up to 700°F. Standard packing is rated at 1480 PSIG up to 100° F. Severe packing is rated at 700 PSIG up to 700° F. We recommend that for most normal operations, standard packing be used. Severe service packing relies upon higher temperatures to provide sealing capabilities. For higher temperature operations, please consult Dresser customer service.

### M4 Series Tapping Machines

Description	Part Number
Tapping Machine w/12 Inches of Travel	M4-12
Tapping Machine w/18 Inches of Travel	M4-18
Tapping Machine w/24 Inches of Travel	M4-24
Tapping Machine w/30 Inches of Travel	M4-30

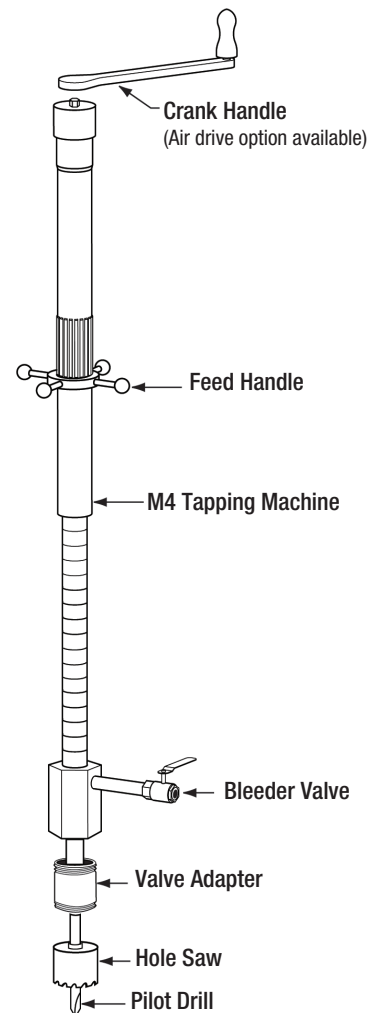
### Model M4 includes the following items:

Description	Part Number
Transportation Case (PVC) *(Specify case for 12", 18", 24" or 30" Travel)	M4-21-FX*
'D' Retainer Clip	M4-07-00
Packing Wrench	M4-09-00
Standard Packing	M4-10-00
Crank Handle	M4-18-00
Bleeder Valve	M4-19-00
Valve Nipple	M4-20-00
Operations Manual	M4-25-00
3/4" x 1/4" NPT Bushing	M4-26-00

### Optional Accessories

Description	Part Number
Optional Air Drive Angle Wrench	M4-22-00
3/4" Hex Air Drive Socket	M4-23-00
Severe Service Packing (700° F)	M4-10-01
*Steel Carrying Case	M4-24-FX

### M4 Tapping Machine Components



## M4 Series Accessories

	Description	Part Number	
<b>Twist Drills</b>	1/2" Standard Length Twist Drill	7600-0008-00	
	1/2" Extended Length Twist Drill	7601-0008-00	
	3/4" Standard Length Twist Drill	7600-0012-00	
	3/4" Extended Length Twist Drill	7601-0012-00	
	1" Standard Length Twist Drill	7600-0016-00	
	1" Extended Length Twist Drill	7601-0016-00	
	1-1/4" Standard Length Twist Drill	7600-0020-00	
	1-7/16" Standard Twist Drill	7600-0023-00	
<b>Hole Saws</b>	1-1/4" Nominal Hole Saw	3101-0312-00	*For Cast-Iron Pipe
	1-1/2" Nominal Hole Saw	3101-0562-00	
	2" Nominal Hole Saw	3101-0875-00	
	3" Nominal Hole Saw	3102-0875-00	
	4" Nominal Hole Saw	3103-0875-00	
<b>Hole Saw Holders (For Size-on-Size Hot Taps)</b>	1-1/4" Size-on-Size	7500-0101-10	
	1-1/2" Size-on-Size Holder	7500-0102-10	
	2" - 3" Size-on-Size Holder	7500-0103-10	
	4" Size-on-Size Holder	7500-0104-10	
	6" Size-on-Size Holder	7500-0106-10	
<b>Hole Saw Holders (Other Than Size-on-Size* Hot Taps)</b>	1-1/4" - 1-1/2" Holder	7500-0202-10	*Other sizes available on request
	2" - 3" Holder	7500-0203-10	
	4" Holder	7500-0204-10	
	6" Holder	7500-0206-10	
<b>Valve Adapter (Threaded)</b>	3/4" x 2" NPT Standard Length Threaded Adapter	7404-6075-00	
	3/4" x 2" NPT Extended Length Threaded Adapter	7404-6175-00	
	1" x 2" NPT Standard Length Threaded Adapter	7404-6001-00	
	1" x 2" NPT Extended Length Threaded Adapter	7404-6101-00	
	1-1/4" x 2" NPT Standard Length Threaded Adapter	7404-6025-00	
	1-1/2" x 2" NPT Standard Length Threaded Adapter	7404-6005-00	
	2" x 2" NPT Standard Length Threaded Adapter	7404-6002-00	
	3" x 2" NPT Standard Length Threaded Adapter	7404-6003-00	
<b>Valve Adapter (Flanged)*</b>	2" 150 RF Flanged Adapter	7405-1502-00	*6" available in 150, 300 & 600 series upon request
	3" 150 RF Flanged Adapter	7405-1503-00	
	4" 150 RF Flanged Adapter	7405-1504-00	
	2" 300 RF Flanged Adapter	7405-3002-00	
	3" 300 RF Flanged Adapter	7405-3003-00	
	4" 300 RF Flanged Adapter	7405-3004-00	
	2" 600 RF Flanged Adapter	7405-6002-00	
	3" 600 RF Flanged Adapter	7405-6003-00	
4" 600 RF Flanged Adapter	7405-6004-00		

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