

M4 Series Tapping Machines

DESCRIPTION

The **M4** series of TAPHAWK™ 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



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 machines include the following items:

Description	Part Number
Transportation Case (PVC)	M4-21-FX*
*(Specify case for 12", 18", 24" or 30" Travel)	
'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

FEATURES

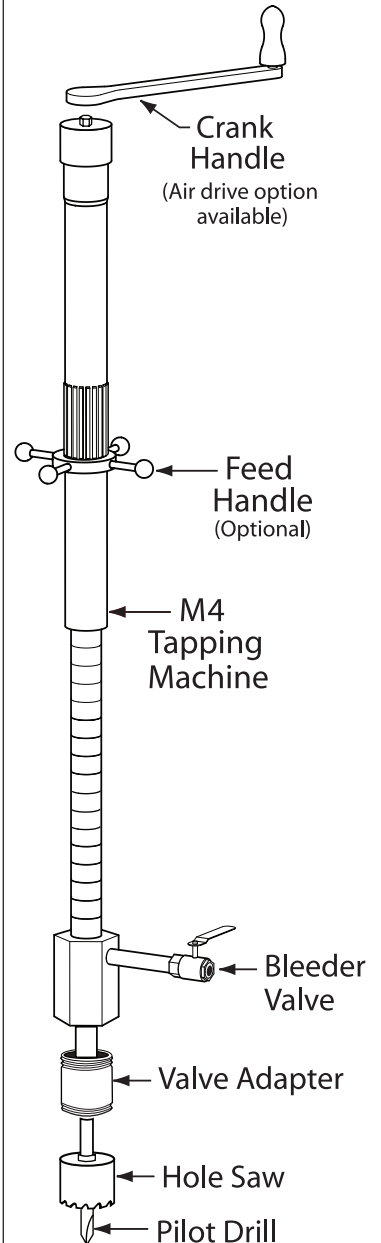
The **M4** series is available in four versions:

- **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

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 Blackhawk customer service.

M4 Tapping Machine Components



M4 Series Accessories



Twist Drills	Description	Part Number	
	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	
Hole Saws	Description	Part Number	
	1-1/4" Nominal Hole Saw	3101-0312-00	
	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	
	6" Nominal Hole Saw*	3105-0875-00	*For Cast-Iron Pipe
Hole Saw Holders	Description	Part Number	
	1-1/4" Size-on-Size Holder	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	
For Size-on-Size Hot Taps			
	1-1/4" - 1-1/2" Holder	7500-0202-10	
	2" - 3" Holder	7500-0203-10	
	4" Holder	7500-0204-10	*Other sizes available upon request
	6" Holder	7500-0206-10	
Other Than Size-on-Size Hot Taps			
Valve Adapters	Description	Part Number	
	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	
Threaded			
	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	
Flanged*			



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