

## M1248 Series Tapping Machines

- Power Options: Hydraulic
- Auto Feed Rate: 0.004"/Rev.



### Description

M1248 series tapping machines offer a variety of tapping options providing a tapping size range of 12" to 48", with a boring bar travel of 80, 110 or 120 inches. Being the largest of the current line of tapping machines, the M1248 is capable of operating pressures up to 1480 psig, thus allowing safe operations on lines up to ANSI 600# operating pressures.

The M1248 machine is operated via a two-stage hydraulic motor providing speed control features for cutter rotation, plus separate control of power extension and retraction of the boring bar. While a gasoline powered unit is available, we recommend the use of a diesel engine unit for the hydraulic option. This provides for added safety in certain hazardous areas, as well as an engine with a flatter torque curve and longer life.

### Features

The Model M1248 is operated by a Hatz hydraulic power unit, providing speed control features at the machine for ease of use.

Standard packing is rated at 1480 PSIG at 100°F or 700 PSIG at 400° F. Severe packing is rated at 700 PSIG at 700° F. Dresser recommends, 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.

#### M1248 Series Tapping Machines

Description	Part Number
Tapping Machine w/80 Inches of Travel	M1248-80
Tapping Machine w/110 Inches of Travel	M1248-110
Tapping Machine w/120 Inches of Travel	M1248-120

#### Model M1248 Series includes the following items:

Description	Part Number
Transportation Skid	
Measuring Rod	
Bleeder Valve	
Valve Nipple	
Inner Packing Wrench	Consult Factory
Outer Packing Wrench	
Inner Standard Packing	
Outer Standard Packing	
Operations Manual (English and Spanish)	
6" 600 RTJ Ring Gasket	

Hydraulic Options	Part Number
Two-stage Hydraulic Motor and Control System	M1248-HM
Diesel/Hydraulic Power Unit	M1248-HPU-D

Hydraulic Power Unit	
<b>Diesel Engine</b>	Hatz
<b>Pump</b>	Vane type rated at 30 GPM at 1000psig
<b>Tank</b>	50 U.S. Gallons
<b>Pressure Relief Valve</b>	Factory preset @ 1100psig
<b>Starting System</b>	12V Electric
<b>Fluid Level/Temperature</b>	Indicator on Tank
<b>Mounting</b>	Skid mounted
<b>Hoses</b>	50 Ft. pressure and return hoses included
<b>Couplings</b>	Aeroquip/Parker quick release/positive shutoff or equivalent

## M1248 Series Accessories

	Description	Part Number
<b>Pilot Drills</b>	12" thru 48" Line Stop Pilot Drills	Consult Factory
<b>Standard Cutters</b>	12" thru 48" Standard Cutter	Consult Factory
<b>Line Stop Cutters</b>	12" thru 48" Line Stop Cutter	Consult Factory
<b>Cutter Holder</b>	12" thru 30" Cutter Holder	M1248-CH1
	32" thru 48" Cutter Holder	M1248-CH2
<b>Line Stop Plug Holder</b>	12" thru 30" Line Stop Plug Holder	M1248-PH1
	32" thru 48" Line Stop Plug Holder	M1248-PH2
<b>Tapping Machine Adapters</b>	12" - 48" 600RF Line Stop Adapters	(LSA#)*

**\*NOTE: Consult Factory for all M1248 Tapping and Line Stop machine accessory part numbers.**

**Note:** High speed steel tips are standard on all cutters unless otherwise specified. The grade of high speed steel used allows for significantly higher hardness factors (Rockwell 67-68) without a corresponding loss of ductility and resistance to fracture.

All cutters in the range, other than hole saws and twist drills, are available tipped tungsten carbide for use on cast and ductile iron.

**Dresser, Inc., Intervention Solutions**, or any subsidiary or associate company, reserve the right to vary or alter the specification of any equipment as quoted, while maintaining or improving the operating characteristics.

### Dresser, Inc.

#### Pipeline Solutions

41 Fisher Avenue, Bradford, PA 16701

Phone: 814.362.9200

Fax: 814.362.9344

Email: piping@dresser.com

#### Tulsa Operations

4235 South 68th East Avenue, Tulsa, OK 74145-4617

Phone: 918.583.3000

Fax: 918.583.7200

Email: blackhawk@dresser.com

#### Chicago Operations

1550 Greenleaf Avenue, Elk Grove Village, IL 60007

Phone: 847.631.3641

Fax: 847.437.2549

Email: blackhawk@dresser.com

