

M1248 Tapping Machine

DESCRIPTION

The **M1248 TAPHAWK** tapping machine offers 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 Blackhawk 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

Capable of operating up to 1480 PSI at 100°F, the **Blackhawk M1248** machines allow safe operations up to ANSI 600# operating pressures. The Model M1248 is operated by a 31 horsepower hydraulic power unit, providing speed control features at the machine for ease of use.

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

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. 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 Blackhawk.

M1248 Tapping Machine

Description	Part Number
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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 Includes the Following Items

Description	Part Number
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Transportation Skid	CONSULT
Measuring Rod	FACTORY
Bleeder Valve	
Valve Nipple	
Inner Packing Wrench	
Outer Packing Wrench	
Inner Standard Packing	
Outer Standard Packing	
Operations Manual (English)	
6" 600# RTJ Ring Gasket	

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

Hydraulic Power Unit

Diesel Engine Hatz 31HP

Pump Vane-type Rated at 30 GPM at 1000psig

Tank 60 US Gallons

Pressure Relief Valve Factory preset @ 1100psig

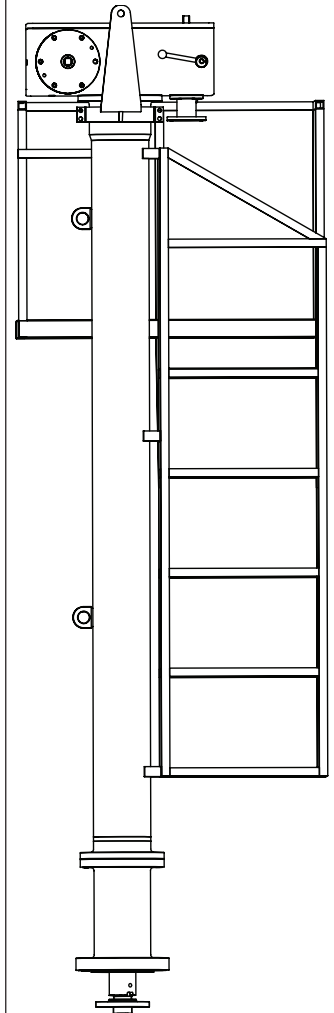
Starting System 12V Electric

Fluid Level/Temperature Indicator on Tank

Mounting Skid mounted

Hoses 50 Ft. pressure and return hoses included

Couplings Aeroquip quick release/positive shutoff or equivalent



M1248 Accessories



Pilot Drills	Description	Part Number*
	12" thru 48" Standard Pilot Drills	Consult Factory
Standard Cutters	Description	Part Number
	12" thru 48" Standard Cutter	Consult Factory
LineStop Cutters	Description	Part Number
	12" thru 48" LineStop Cutter	Consult Factory
Cutter Holder	Description	Part Number
	12" thru 30" Cutter Holder	M1248-CH1
	32" thru 48" Cutter Holder	M1248-CH2
LineStop Plug Holder	Description	Part Number
	12" thru 48" LineStop Plug Holder	M1248-PH1
	14" thru 20" LineStop Plug Holder	M1248-PH2

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.

Tapping Machine Adapters

Description	Description	Part Number (LSA#)*
<p>Note: Large diameter line stop equipment is normally cataloged at ANSI 600 RF only. LineStop adapters are also available in ANSI 150 and ANSI 300 RF ratings upon request.</p>	12" - 48" 600RF Line Stop Tapping Machine Adapters	

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

Dresser, Inc., Blackhawk, and 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.



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