



2460 Tapping Machine

Standard and XL Model, 2XL Model, and 3XL Model

Model 2460B



T.D. Williamson

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■ 2460B 3XL Tapping Machine

Options*

T. D. Williamson is committed to providing you with the exact product to assist you in planning, budgeting and meeting the specifications for your individual application needs.

The hydraulically powered 2460 has an optional electronic remote control system. The remote control unit gives the operator the advantage of remaining inside a temperature-controlled building while completing jobs in extreme climate conditions.

* For design code options not listed and additional sizes, consult your sales representative.

Features

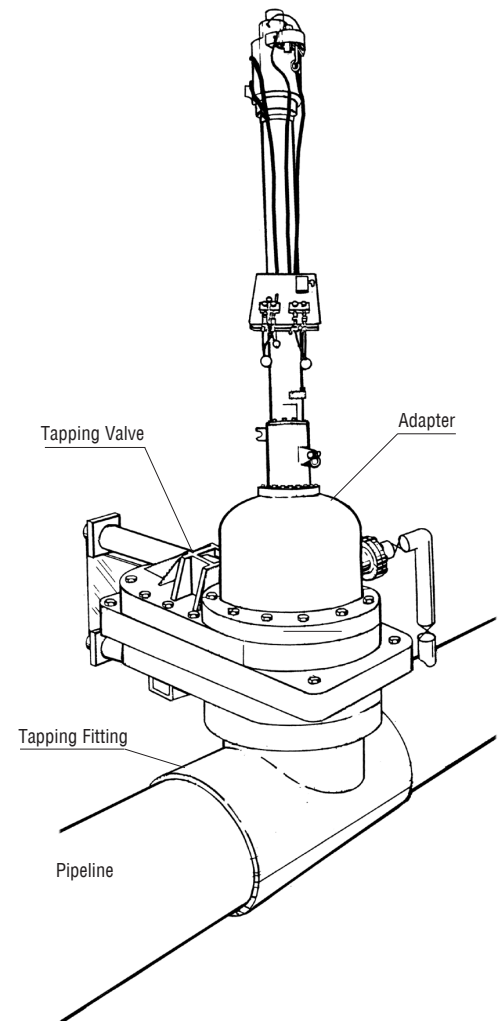
The basic machine includes:

- Tapping machine
- Ladder and platform
- Hydraulic Piping
- Skid
- Connecting hoses
- Power unit
- Twin-drive motors
- Feed motor

Description

Tapping machines are used for making connections to pipelines, tanks, and plant piping without shutdown and are used to make hot taps in preparation for plugging machine applications.

Model 2460B tapping machines are designed to make hot taps into metal pipe, tank tops and walls. It is hydraulically operated and is used for making pipe and tank taps from 30" to 60". Its operating temperature is -20°F (-29°C) to 200°F (93°C) at 1,200 psi (82 bar) or 100°F (38°C) at 1480 psi (102 bar).



■ Typical Tapping Setup



2460 Tapping Machine *Standard and XL Model*

Specifications

Standard/XL

Maximum operating pipeline pressure	1200 psig (83 bars) at 200°F
Maximum operating temperature range (in pipeline)	-20°F to +200° F (-29°C to 93°C) at 1200 psi
Maximum operating hydraulic pressure	2000 psi (124 bar)
Maximum boring bar travel	150 inches (3800 mm) variable feed
Rate of travel	adjustable to 3 ipm (76 mm per min.)
Feed rate	adjustable to 0.125 inches per revolution (3.2 mm per rev.)
Minimum size tap	30 inches (760 mm) (24" special application)*
Maximum size tap (size on size)	60 inches (1520 mm)
Weight of tapping machine (with hydraulic manifold assembly)	9300 lbs. (4200 kg.)
Basic machine (without adapter)	240 inches (6.1 m)
Hoses (6 on reels)	each 50 feet (15 meters)
Tapping positions	vertical and horizontal
Operation	remote controlled hydraulic system or auxiliary manual hydraulic controls
LOCK-O-RING® Plug setting	vertical — consult factory for other positions
Coupon retention system	positive
Boring bar RPM	variable, 0 to 18 RPM
Anti-stall feature	stall reverses feed

Power Unit

Weight of power unit	6900 lbs. (3130 kg)
Engine	Diesel, 81hp, 1800 rpm
Pump	2 Variable displacement pumps, 1 fixed displacement pump

Tapping Machine

Lubrication	Dextron III ATF
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2460 Tapping Machine *2XL Model*

Specifications

2XL

Maximum operating pipeline pressure	1200 psig (83 bars) at 200°F
Maximum operating temperature range (in pipeline)	-20°F to +200° F (-29°C to 93°C) at 1200 psi
Maximum operating hydraulic pressure	2000 psi (124 bar)
Maximum boring bar travel	150 inches (3800 mm) variable feed
Rate of travel	adjustable to 3 ipm (76 mm per min.)
Feed rate	adjustable to 0.125 inches per revolution (3.2 mm per rev.)
Minimum size tap	30 inches (760 mm) (24" special application)*
Maximum size tap (size on size)	60 inches (1520 mm)
Weight of tapping machine (with hydraulic manifold assembly)	9300 lbs. (4200 kg)
Basic machine (without adapter)	240 inches (6.1 m)
Hoses (5 on reels)	each 50 feet (15 meters)
Tapping positions	vertical and horizontal
Operation	remote controlled hydraulic system or auxiliary manual hydraulic controls
LOCK-O-RING® Plug setting	vertical — consult factory for other positions
Coupon retention system	positive
Boring bar RPM	variable, 0 to 18 RPM
Anti-stall feature	stall reverses feed

Power Unit

Weight of power unit	6900 lbs. (3130 kg)
Engine	Diesel, 81hp, 1800 rpm
Pump	2 Variable displacement pumps, 1 fixed displacement pump

Tapping machine

Lubrication	Standard Conditions	Dextron III ATF
	High Temp. Conditions	HYSYN AW ISO 32



2460 Tapping Machine *3XL Model*

Specifications

3XL

Maximum operating pipeline pressure	1200 psig (83 bars) at 200°F
Maximum operating temperature range (in pipeline)	-20°F to +200° F (-29°C to 93°C) at 1200 psi
Maximum operating hydraulic pressure	2000 psi (124 bar)
Maximum boring bar travel	180 inches (4750 mm) variable feed
Rate of travel	adjustable to 3 ipm (76 mm per min.)
Feed rate	adjustable to 0.125 inches per revolution (3.2 mm per rev.)
Minimum size tap	30 inches (760 mm) (24" special application)*
Maximum size tap (size on size)	60 inches (1520 mm)
Weight of tapping machine (with hydraulic manifold assembly)	10600 lbs. (4808 kg)
Basic machine (without adapter)	270" (6.8 m)
Hoses (5 on reels)	each 50 feet (15 meters)
Tapping positions	vertical and horizontal
Operation	remote controlled hydraulic system or auxiliary manual hydraulic controls
LOCK-O-RING® Plug setting	vertical — consult factory for other positions
Coupon retention system	positive
Boring bar RPM	variable, 0 to 18 RPM
Anti-stall feature	stall reverses feed

Power Unit

Weight of power unit	6900 lbs. (3130 kg)
Engine	Diesel, 81hp, 1800 rpm
Pump	2 Variable displacement pumps, 1 fixed displacement pump

Tapping machine

Lubrication	Standard Conditions	Dextron III ATF
	High Temp. Conditions	HYSYN AW ISO 32