

Northfield

Hydraulic Crossfeed Power Unit


For Uni-point and 90° Cutoff Saws



Uni-Point with Hydraulic Crossfeed and Front Travel Limit Switch option.

Now your cutting can be hydraulically controlled with the **HYDRAULIC CROSSFEED POWER UNIT** option.

This powered crossfeed features a rugged rack & pinion drive with a 3/4 horsepower hydraulic power unit. Conveniently located flow-control valves allow the operator to independently set cut and retract speeds. A movable foot pedal controls cutting and retract strokes. Cut and retract speeds are infinitely adjustable from a creep feed to 40 FPM. A pilot operated 4 way valve provides deceleration at the end of the cut, minimizing fishtailing of the blade during the retract stroke.

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HYDRAULIC POWER UNIT

A self contained power unit has the pump/motor and directional control valve mounted on the tank top. The system operates at a working pressure of 180 PSI. The unit features a 7 gallon oil reservoir. Auxiliary pressure and return ports are provided to power external clamping devices. An oil level sight gauge and oversize stainless steel filter are also provided. The pilot operated directional valve provides deceleration of the ram at the end of the cut, which minimizes fishtailing of the blade during the retract stroke.



FLOW CONTROLS ADJUST SPEED

Cut and retract speeds are independently adjustable via conveniently mounted flow control valves. The feed rate is infinitely adjustable from a creep feed to 40 FPM.



Drive shown with guard removed.



RUGGED RACK AND PINION DRIVE

The telescopic ram is powered by a hydraulic motor with pinion gear, and a rack attached to the ram. Positive stops are welded to the rack to prevent overtravel damage to the ladder bearing assembly.



FRONT TRAVEL LIMIT SWITCH OPTION

An adjustable limit switch allows the operator to preset the cut stroke length. At the completion of the cut, the saw automatically retracts to the rear/home position. Reactuation of the foot pedal reinitiates the cycle. A disable switch is provided to allow conventional cutting.

SPECIFICATIONS

Horsepower 3/4 HP
Pump Volume 3 GPM
System Pressure 180 PSI
Reservoir Volume 7 Gallons

Type of Oil Mobil DTE Light
Feed Rate 0-40 FPM
Voltage 230 / 460 / 60 / 3

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