

Single Head Band Resaw

High speed and accuracy in cutting



HP-400P



Return Conveyor

- The machine is equipped with a return conveyor, providing maximum convenience for repetitive cuts. The return conveyor is driven by a variable speed hydraulic motor.

- Motorized blade thickness adjustment.
- Digital thickness readout for quick and accurate saw blade positioning.
- Automatic blade tension controlled by hydraulic cylinder.
- Return conveyor provides convenience for repetitive cutting.
- Variable speed hydraulically driven feed and return conveyor.



Specially Designed Infeed Pressure Wheel

- The infeed pressure wheel is loaded by air cylinder, that holds down workpiece firmly during cutting.



Correct Blade Tension Indication

- The saw blade tension is controlled by a hydraulic cylinder for positive tension control at all times.
- A tension gauge is provided on the hydraulic tension control system for accurately setting blade tension.



Centralized Control Panel

- All electric controls of the machine are centralized on one control panel for convenience.
- Digital thickness controller provides quick and accurate saw head positioning.
- An Amp meter is provided on the control panel to show the exact amount of saw wheel motor horsepower being used during operation. This protects the motor from burning out.



Precise Saw Wheel Elevation

- The saw wheel elevation is transmitted through precision ball screw, providing minimum backlash while assuring outstanding saw wheel positioning accuracy.



Touch-Sensing Screen(Optional)

- Upon request, the centralized control panel is available to equip with a touch-sensing screen for upgrading operation convenience.



Blade Tension By Air/Hydraulic Combination(Optional)

- The blade tension is controlled by an air/ hydraulic combination unit. In case hydraulic pressure drops, the air system provides a pressure compensation to ensure a constant blade tension at all time.

MODEL	HP-400P
Max. workpiece size	400 x 250 mm (16" x 10")
Distance from blade to conveyor table	15 to 250 mm (5/8" to 10")
Conveyor belt size	385 x 5480 mm (15 1/4" x 215 3/4")
Saw wheel diameter	ø 28" x W7/8"
Variable feed speed	0~25 m/min(0~85 ft/min)
Saw blade size (LxWxT)	180" x 1" x 0.035"
Saw wheel motor	25 HP (30 HP optional)
Elevation motor	1/4 HP
Hydraulic pressure	75 kg/cm ²
Dust hood outlet dia.	ø4" x 2
Net weight	1500 kgs
Packing dimensions	2820 x 2090 x 2100mm (111" x 82" x 83")

All specifications, dimensions and design characteristics shown in this catalogue are subject to change without notice.