



# BAND RESAW

HP-400-3

## SPECIFICATIONS

- Equipped with return conveyor.
- Variable blade speed is controlled by frequency inverter.
- Motor powered set works for accurate saw wheel elevation.
- Side pressure plate ensures smooth and accurate feed.
- Blade tension is controlled by air/hydraulic combination with automatic tension compensation.
- Digital position controller permits accurate saw wheel height positioning.
- Blade lubrication is by spray mist system.
- Variable feed speed is driven by hydraulic motor.
- Front pressure roller and rear pressure wheels are air-cylinder loaded.

Max workpiece size (W x H)	400 x 250 mm (15"x 10")
Distance from blade to conveyor belt	4-250 mm
Conveyor belt size	385 x 11130 mm
Saw wheel diameter	Ø 28" x 2" / Ø 28" x 1"(W)
Feed speed	5 to 25 M/min
Saw blade size (L x W x T)	4570 x 50 x 1.0 mm / 4570 x 27 x 0.9 mm
Saw wheel motor	30 HP x 3
Hydraulic system motor	In-feed: OMP250 / Out-feed: OMP160
Gear box motor	1/4 HP x 3
Hydraulic pressure	60 Kg/cm2
Dust hood diameter	Ø 4"
Net weight	5100 Kg
Packing dimensions	4800 x 2260 x 2050 mm
Optional	Inverter



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3 HEAD HORIZONTAL BAND RESAW

HIGH SPEED AND ACCURACY IN CUTTING THIN KERF

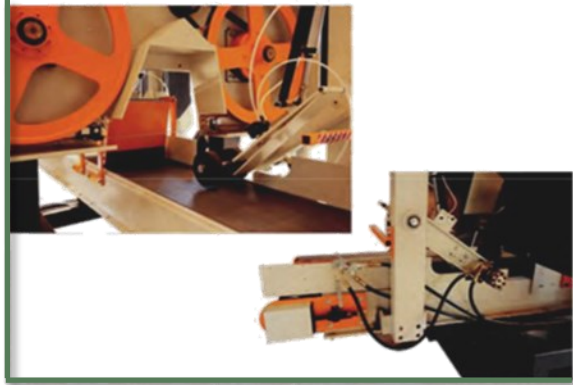




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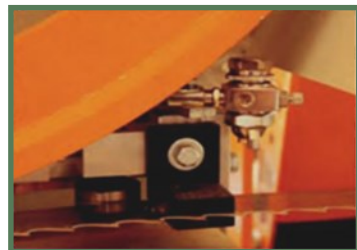
### Cutting Edge Technology for Accurate and Efficient Cutting



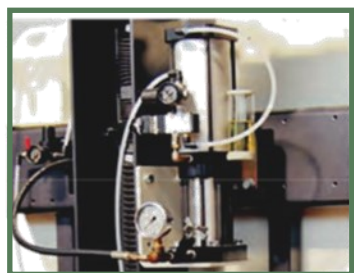
Each set of infeed rollers are controlled by speed adjustable hydraulic motors and air cylinders to firmly hold down workpiece. Sensors are installed to hold and release infeed arm for smooth sailing. All infeed and outfeed rollers are equipped with shock absorbers.



Back hold down pressure wheel with shock absorber.



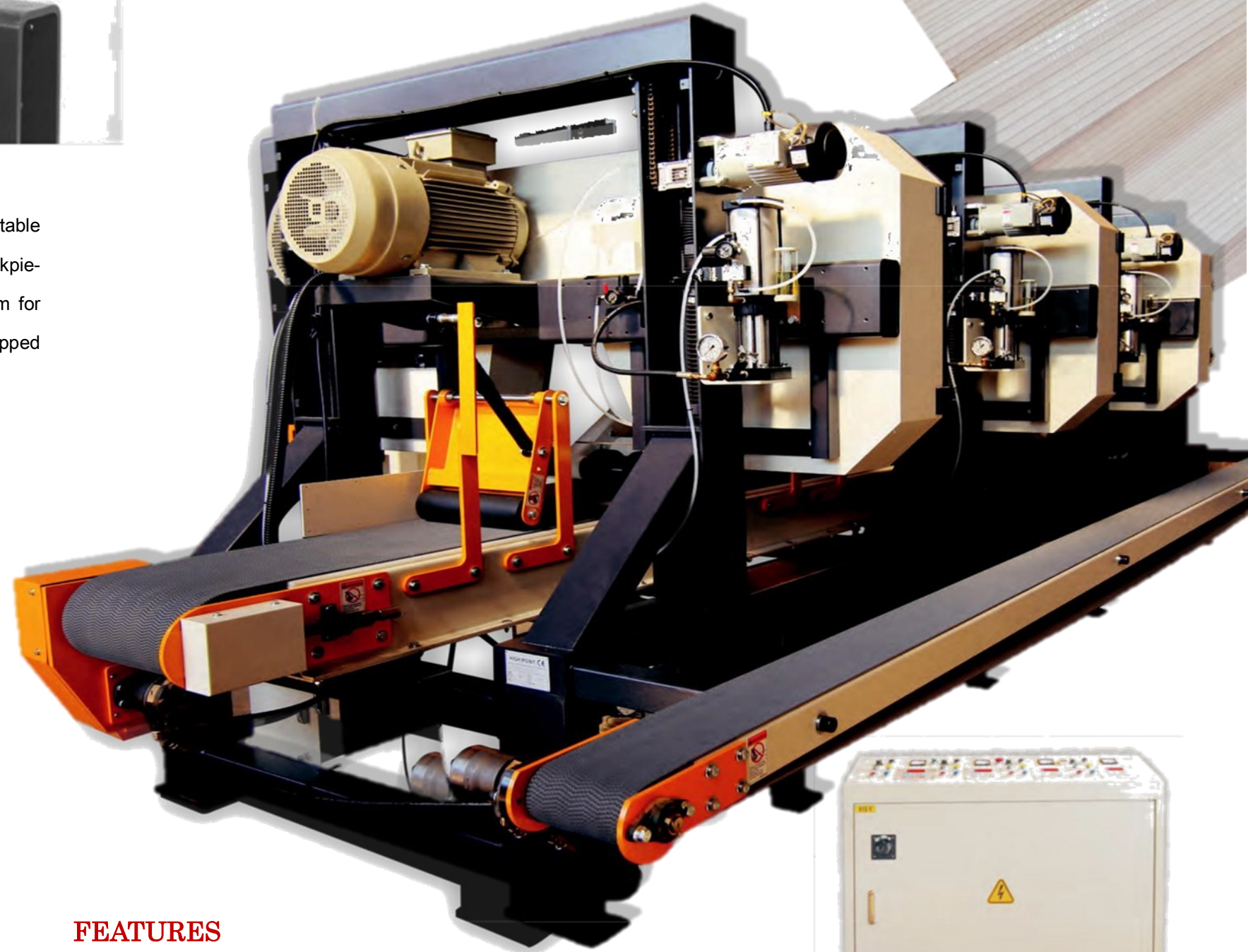
Oil Mist Lubricator to prevent chips from depositing on the blade. The lubricator also effectively extends the blade service life.



Blade Tension by Air and Hydraulic Compensation System to ensure a constant blade tension at all times.



Precise Saw Wheel Elevation is transmitted through precision ball screw providing minimum backlash while assuring outstanding saw wheel positioning accuracy.



### FEATURES

- Centralized Control Panel.
- Digital thickness readout provides quick and accurate saw head positioning.
- Amp meters are 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.

