

Horizontal Band Resaw

*Perfectly Designed to
Optimize Resaw Efficiency*



When you go to Band Resaw working, HOLYTEK Horizontal Band Resaw is an excellent choice. The entire machine concept is designed to be rigid, precise and vibration-free, etc. The auto oil mist saw blade cooling system guarantees superior cutting results. The special heavy-duty pressure roller unit is good for slicer cutting (2~4mm) and the digital readout thickness setting is standard.

HWR-300

HOLYTEK

Advanced Design Concepts...

A New Band Resaw with Sawing Reliability.

HOLYTEK HWR-300

AIR LOADED PRESSURE ROLLER

- Eliminating the conventional loaded pressure rollers, this machine employs air loaded pressure rollers. Especially when cutting wood of various thicknesses, the air load saves time on adjusting the pressure roller position while increasing operational convenience.
- Pressure rollers are easily adjusted in the horizontal and vertical directions to suit various wood thicknesses.
- Maximum pressing thickness is 300 mm.

EASILY ELEVATED PRESSURE ROLLERS

- The infeed and outfeed pressure rollers are easily raised or lowered using a gear device.

FEED CONVEYOR SIDE SUPPORT

(Available for HWR-300 Only)

- When the feed conveyor is tilted for bevel cutting, a side support is applied for safe and stable cutting operations.

TILTING FEED CONVEYOR

(Available for HWR-300 only)

- The feed conveyor can tilt to a maximum of 30°, front downward for bevel cuts.
- The feed conveyor tilting is made by turning a large hand wheel for effortless operation.
- A degree scale is attached to indicate the tilting degree.

TCT BLADE GUIDES

- The two blade guides are specially designed with TCT material for maximum wear resistance.

RETURN CONVEYOR

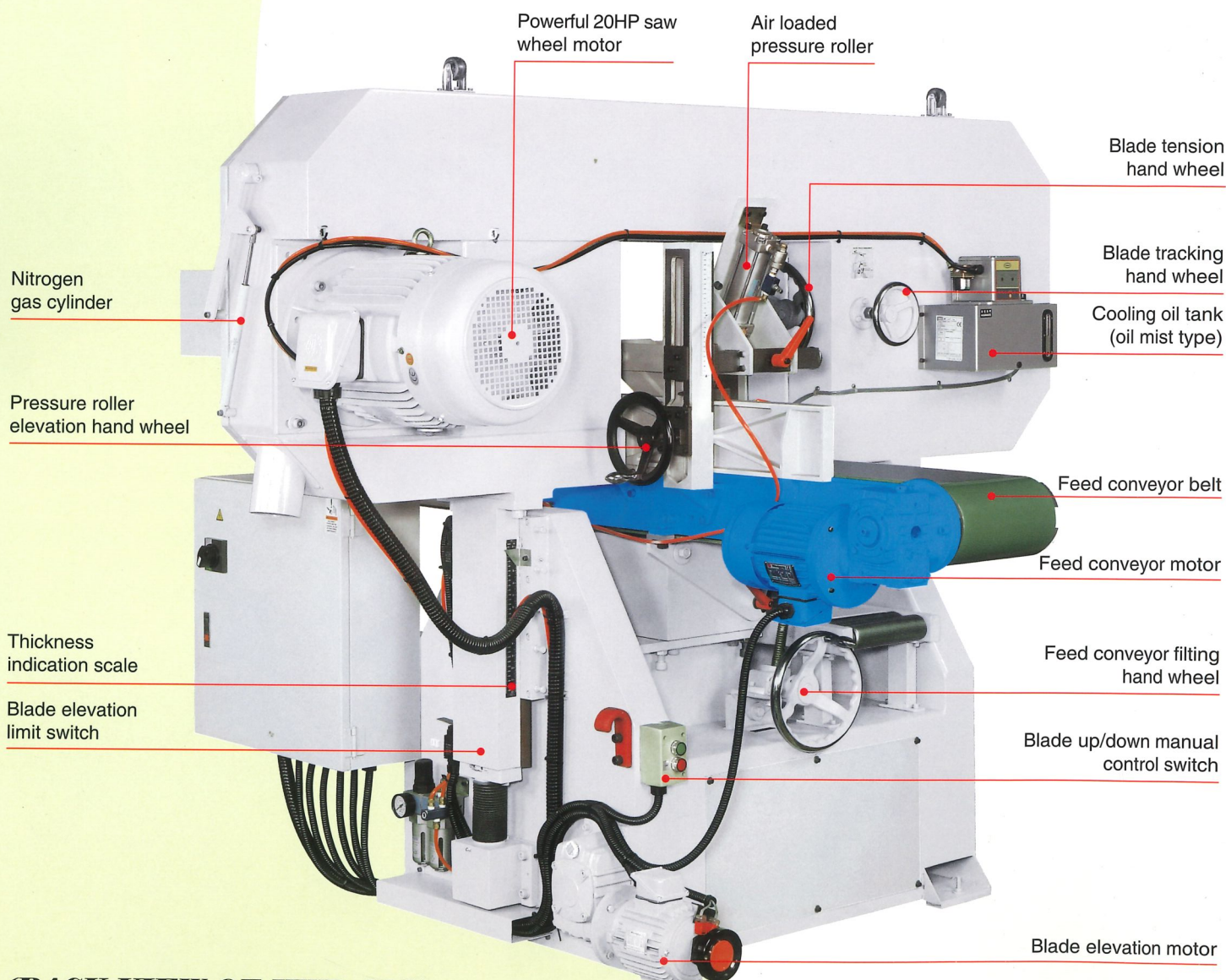
- The roller type return conveyor equipped at the left side of the machine provides convenient, repetitive cutting.

SMOOTH RUNNING SAW WHEELS

- The cast iron saw wheels are dynamically balanced for smooth running. Convex wheel face avoids blade slippage.
- The wheel guard is easily lifted up and supported by two nitrogen gas cylinders for convenient blade change.

OIL MIST COOLING SYSTEM (STANDARD EQUIPMENT)

- The machine employs an oil mist cooling system, providing high efficiency cooling on the blade. It also removes any chips on blade teeth and enormously extends service life of the blade.



(BACK VIEW OF HWR-300)



***Pressure Roller for
Slicing Unit
(Model No. HWR-300A)***

***Minimum Wood Thickness: 2mm.
Accuracy UP to ± 0.10 mm.
Especially Ideal for Composite
Parquet
Max. height of infeed: 200 mm.***

SPECIFICATIONS

MODEL	HWR-300
MAXIMUM CUTTING CAPACITY (W x H)	12" x 12" (300 x 300 mm)
MINIMUM CUT PIECE	2 mm
SAW WHEEL DIAMETER	24" x 2 (600 mm x 2)
SAWBLADE LENGTH	183-7/8" ~ 184-1/4" (4670 ~ 4680 mm)
SAWBLADE WIDTH	1-1/4" (32 mm)
SAWBLADE SPEED	6000 FPM
CONVEYOR BELT SIZES (W x L)	10-5/8" x 165-1/2" (270 x 4200 mm)
FEED SPEED (VARIABLE)	0 ~ 40 m/min
FEED CONVEYOR TILT	0° ~ 30°
CONVEYOR HEIGHT FROM FLOOR	40" (1016 mm)
SAW WHEEL MOTOR	20 HP
BLADE LIFT MOTOR	1/2 HP
DUST HOOD OUTLET DIAMETER	Ø4"
MACHINE DIMENSIONS (L x W x H)	88" x 85-3/4" x 74" (2235 x 2180 x 1880 mm)
PACKING DIMENSIONS (L x W x H)	90-1/2" x 88" x 80" (2300 x 2235 x 2032 mm)
NET WEIGHT	1200 kgs
GROSS WEIGHT	1400 kgs

* Specifications and design characteristics are subject to change without prior notice.

BLADE TENSION & TRACKING

- Blade tension is adjusted by means of a handwheel.
A tension scale allows the operator to correctly adjust the tension for different kinds of blades.
- Blade tracking is adjusted by turning a handwheel.

CONVENIENT CONTROL

- The digital readout assures high accuracy cutting and convenient thickness control.
- Variable feed speed is controlled by a frequency inverter and displayed on the control panel.
- All electric controls are centralized on a control panel for operational convenience.

STANDARD EQUIPMENT

20 HP saw wheel motor
Blade lift digital control
Frequency inverter controlled conveyor feed
Feed conveyor tilt 0° ~ 30°
One 1-1/4" sawblade
Tool box with service tools

OPTIONAL EQUIPMENT

Inverter for 20 HP saw wheel motor
Pressure rollers for slicing unit

User-friendly Operation!
Minimum Thickness Adjustment!
Unmatched Operational Convenience!



HWR-400

SPECIFICATIONS

MODEL	HWR-400
MAXIMUM CUTTING CAPACITY (W x H)	16-1/2" x 16-1/8" (420 x 410 mm)
DISTANCE FROM BLADE TO CONVEYOR	1/4" x 10-5/8" (5 ~ 270 mm)
MINIMUM CUT PIECE	5 mm
SAW WHEEL DIAMETER	32" x 2 (800 mm x 2)
SAWBLADE LENGTH	5860 ~ 5870 mm
SAWBLADE WIDTH	2" (50 mm)
SAWBLADE SPEED	6150 FPM
CONVEYOR BELT SIZES (W x L)	16" x 165-1/2" (400 x 4200 mm)
FEED SPEED (VARIABLE)	0 ~ 40 m/min
RETURN CONVEYOR SIZE (L x W x H)	100-3/8" x 24-3/4" x 32-1/2" (2550 x 630 x 825 mm)
CONVEYOR HEIGHT FROM FLOOR	40" (1016 mm)
RETURN CONVEYOR MOTOR/INVERTER MOTOR	1 HP / 2 HP
SAW WHEEL MOTOR	30 HP
BLADE LIFT MOTOR	1/2 HP
DUST HOOD OUTLET DIAMETER	4" x 2 (100 mm x 2)
MACHINE DIMENSIONS (L x W x H)	3250 x 3300 x 2000 mm
PACKING DIMENSIONS (L x W x H)	2750 x 2250 x 2200 mm
NET WEIGHT/GROSS WEIGHT	1960 kgs / 2160 kgs

INNOVATIVE PRESSURE ROLLER

- The pressure roller motion is controlled by an infrared ray sensor. No thickness adjustment is required for maximum operational convenience.
- Allowable thickness range is 10~400mm.

POWERED RETURN CONVEYOR

- The powered roller type return conveyor equipped at the left side of the machine provides convenient repetitive cutting.

MOVABLE CONTROL UNIT

STANDARD EQUIPMENT

- 30 HP saw wheel motor
- Blade lift digital control
- Frequency inverter controlled conveyor feed
- One 2" sawblade
- Tool box with service tools

OPTIONAL EQUIPMENT

- 40 HP saw wheel motor
- Frequency inverter controlled saw wheel motor

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