



Fully Automatic with Hydraulic Shuttle Vise

- ▣ Model Number : **AH-300H**
- ▣ Design Style : **Hinge Type**

Specifications

Max. Capacity	Round	300 mm (12")
	Square	300 mm (12")
	Rectangular(H x W)	340 x 300 mm (13.4" x 12")
Saw Blade	Speed	20-100 m/min (66-330 fpm)
	Size (WxTxL)	3820L x 34W x 1.1Tmm (150.4" x 1.33" x 0.042")
	Tension	Hydraulic
Motor Output	Saw Blade	5 HP (3.75 KW)
	Hydraulic	1 HP (0.75 KW)
	Coolant Pump	1/8 HP (0.1 KW)
Tank Capacity	Hydraulic	25 L (6.6 gal.)
	Coolant	45 L (11.9 gal.)
Vise Control		Stationary & Movalbe Hydraulic Vise
Feeding	Mode	Hydraulic Automatic
	Length	One Stroke 400mm, Max. 3600mm (141") (0-9 times)
Work Bed Height		650 mm (25.6")
Net Weight		1500 kgs (3300 lbs)
Gross Weight		1700 kgs (3740 lbs)
Floor Space(LxWxH)		1890 x 1905 x 1700 mm (74.5" x 75" x 66.9")
Shipping Space(LxWxH)		2083 x 2185 x 1728 mm (82" x 86" x 68")

Machine Features

AH-300H Machine Features

Structure

- Oversized hydraulic cylinder

- Back-tilted saw frame for longer blade life
- Hydraulic shuttle vise assembly

Blade Drive

- Specially designed gearbox for high lateral pressure
- Infinitely variable blade speed

Blade Guidance & Lubrication System

- Carbide blade guides with roller bearing guides
- Two additional guides to support the blade
- Rigid guide arm mounted on extra wide dovetail
- Automatic hydraulic blade tensioning device
- Integral coolant system
- Synchronized power driven blade brush

Control & Automation

- Front mounted digital length counter
- LED digital blade speed monitor
- Precision feed pressure & feed rate dual valve system
- PLC control
- Bundle/single cutting mode switch
- Automatic work height selector & air gap eliminator
- Preset piece counter with automatic power off

Material Feeding & Clamping

- Split vise jaws featuring automatic feeding down to remnant length of 50mm (2")
- Hydraulic front and rear vises
- Ductile cast iron vises with replaceable hardened wear plates
- PLC controlled multiple indexing
- One set of vertical alignment rollers
- Multiple horizontal rollers to facilitate smooth material feeding
- Discharge table with built-in coolant return

Safety

- Proximity switch for sensing blade slippage or breakage
- Interlock design in electrical and hydraulic system
- Conduits protection measure
- "Alert Orange" safety measure

Standard Accessories

- Blade "clip" device for easy blade change
- Adjustable material stop
- Additional flushing hose
- Bi-metal saw blade
- Built in work light
- Tool box, leveling pads, and an additional wire brush
- Operation & parts manual

Design and specifications are subject to change without notice and obligation.

• Floor plan

