



# AUTO-300H / 400H

## AUTOMATIC HORIZONTAL BANDSAWS

### Features

- Hydraulic full stroke dual-vise clamping system
- Shuttle type automatic feed
- Roller bearing with carbide blade guide system
- Preset cut counter with shut off
- Out-of-stock shut off
- Auto work height control by fast approach bar sensor
- Infinitely variable speed control by inverter
- Power driven blade cleaning brush
- Hydraulic blade tensioning
- Floating shuttle vise system
- PLC control for all electric and hydraulic functions
- Nesting fixture for bundle cutting
- Split front vise
- Idler wheel motion detector with blade stalling and breakage shut off
- Flushing hose for machine cleaning
- Work light
- Blade speed tachometer
- Automatic chip conveyor
- NC touch screen control with self-diagnostic system



AUTO-300H



AUTO-400H

## SPECIFICATIONS

ITEMS		MODEL	AUTO-300H
CAPACITY	Round		12" (300mm)
	Rectangular		10"h x 12"w (250 x 300mm)
BUNDLE CUTTING	Width		5.7" to 9" (145 to 230mm)
	Height		1.2" to 5" (30 to 130mm)
SAW BLADE	Speed (Infinitely vari speed)		65 ~ 330 fpm (20 ~ 100m/min)
	Size		150" x 1.3" x 0.042" (3,820 x 34 x 1.1mm)
	Tension		Hydraulic
	Guides		Roller bearing / carbide guides
	Cleaning		Powered wire brush & flood coolant
POWER	Blade		5 HP 3 Phase
	Hydraulic		1 HP
	Coolant pump		1/8 HP
SHUTTLE BAR FEED	Single feed		16" (400mm)
	Multiple feed		16" (400mm) x9
VISE			Hydraulic dual-vice clamping system
WEIGHT & DIMENSIONS	Dimensions (L x W x H)		81" x 87" x 75" (2,050 x 2,200 x 1,900mm)
	Gross weight		3,740 lb. (1,700kg)

ITEMS		MODEL	AUTO-400H
CAPACITY	Round		16.5" (420mm)
	Rectangular		16.5"h x 16.5"w (420 x 420mm)
BUNDLE CUTTING	Width		8" to 12" (195 to 300mm)
	Height		3.5" to 8" (90 to 200mm)
SAW BLADE	Speed (Infinitely vari speed)		65 ~ 330 fpm (20 ~ 100m/min)
	Size		180" x 1.6" x 0.05" (4,570 x 41 x 1.3mm)
	Tension		Hydraulic
	Guides		Roller bearing / carbide guides
	Cleaning		Powered wire brush & flood coolant
POWER	Blade		7.5 HP 3 Phase
	Hydraulic		2 HP
	Coolant pump		1/4 HP
SHUTTLE BAR FEED	Single feed		20" (500mm)
	Multiple feed		20" (500mm) x9
VISE			Hydraulic dual-vice clamping system
WEIGHT & DIMENSIONS	Dimensions (L x W x H)		91" x 100" x 80" (2,320 x 2,550 x 2,030mm)
	Gross weight		5,190 lb. (2,360kg)

• Specifications are subject to change without notice for further design improvements.

### STANDARD MACHINE ACCESSORIES

- |                            |                       |               |
|----------------------------|-----------------------|---------------|
| 1. NC touch screen control | 3. Roller table       | 5. Work light |
| 2. Automatic chip conveyor | 4. Standard saw blade |               |

### OPTIONAL MACHINE ACCESSORIES

- Variable vise pressure



## MACHINERY SOLUTIONS, INC.

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