

The New Generation Of Band Saws
That You've Been Looking For



SPECIFICATIONS

MODEL		AH-1010JAY / AH-250R	R-250NC	AH-360C / R-360NC
MAX. CAPACITY	●	250mm (10")		360mm (14")
	■	230W x 230Hmm (9"W x 9"H)		310 x 310mm (12"x12")
	■	250W x 230Hmm (10"W x 9"H)		380W x 310Hmm (15"W x 12"H)
SAW BLADE	SPEED	60HZ	23,37,58,93 m/min. (75,121,190,305 fpm)	27,40,54,68,80 m/min. (89,132,178,224,264 fpm)
		50HZ	19,31,48,78 m/min. (62,101,157,256 fpm)	23,34,45,57,67 m/min. (75,112,148,187,220 fpm)
	SIZE	3350L x 27W x 0.9Tmm (132"L x 1"W x 0.035"T)		4115L x 34W x 1.06Tmm (162"L x 1.33"W x 0.042"T)
MOTOR OUTPUT	SAW BLADE	2HP (1.5KW)	2HP (1.5KW)	5HP (3.75KW)
	HYDRAULIC	1/4HP (0.18KW)	1/2HP (0.375KW)	1/4HP (0.18KW)
	COOLANT	1/8HP (0.1KW)	1/8HP (0.1KW)	1/8HP (0.1KW)
	WISE ROLLER	1/4HP (0.2KW)	----	1/4HP (0.2KW)
COOLANT TANK	40L (10gal.)		60L (15gal.)	
HYDRAULIC TANK	15L (3.7gal.)		25L (6.2gal.)	
HEIGHT OF WORK BED	640mm (25.2")		665mm (26")	
NET WEIGHT	480kgs (1056 lbs)	550kgs (1210lbs)	650kgs (1430 lbs)	
GROSS WEIGHT	580kgs (1276 lbs)	700kgs (1546 lbs)	800kgs (1760 lbs)	
FLOOR SPACE (LXWXH)	1850 x 900 x 1040mm (73" x 35" x 41")		2286 x 1194 x 1600mm (90" x 47" x 63")	
SHIPPING SPACE (LXWXH)	1830 x 965 x 1140mm (72" x 38" x 45")		2386 x 1300 x 1700mm (94" x 50.5" x 67")	

● Standard ■ Option

Specification	AH-360C	R-360NC	AH-250R / AH-1010JAY	R-250NC
Numerical Control System (SNC20)	----	●	----	●
Variable blade speed control (mechanical)	■	----	■	----
Inverter blade speed control	----	■	----	■
Saw frame work height selector	●	●	●	●
Pre-set cut-off piece counter with automatic power shut-off function	●	SNC20	●	SNC20
Out of stock sensor	●	●	●	●
Blade breakage detector	●	●	●	●
Carbide blade guide and guide roller	●	●	●	●
Integral coolant system	●	●	●	●
Spring loaded blade tension device.	●	●	●	●
L-type nesting fixture	●	●	●	●
Motorized feeding roller vise	●	●	●	●
Clamping device for short piece	■	■	■	■
1M roller table	■	■	■	■
Vertical clamping roller	■	■	■	■

*All Designs & Specifications are subject to change without notice or obligations.
*Machine may be shown with some options.



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ROLLER-9808



COSEN MACHINERY

The New Generation Of Band Saws That
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PRODUCT DESCRIPTION

Cosen's Roller-Feeding series is an excellent heavy-duty band saw which is ideal for production runs. It is designed with a large rugged base, strong saw frame, powerful gearbox and an easy-to-use control panel for ease of operation. Utilizing 2HP/ 5HP drive motor allows band tension up to 28,000 / 30,000 psi on a 27 (1") / 34 mm (1 1/4") wide band, and delivers accurate cuts at an optimum rate for all materials.

SNC-20 FEATURES:

- * LCD screen
- * Film type key pad
- * Blade speed display
- * Blade life indicator
- * Feeding position display
- * Automatic kerf compensation
- * Coolant liquid selector
- * 20 steps programmable cutting modes for different cut-off length and quantity
- * Any stored program can be easily recalled and executed repeatedly.
- * Different error codes feedback allows convenient and quick trouble shooting.



Work Height Selector



R-360NC



Blade Breakage Detector

R-250NC



Motorised Rollers

AH-250R



STANDARD EQUIPMENT & FEATURES

- **Stock Feed Roller:** It delivers the stock to the desired length at a stable rate. There is no need for opening and re-clamping the vise for each length.
- With the accessory "Inverter blade speed control", the blade speed can be obtained between 20-100 M/min (66-330 ft/min). (Available for voltage under 460V) (Option for R-250NC and R-360NC only)
- **Work Height Selector:** Located over the hydraulic cylinder anxiously adjustable to stop the blade to minimum clearance height over the work.
- **Blade Guide:** The blade guides are equipped with ball bearings and carbide faced blade inserts. The rugged guide arms are mounted on an extra wide dovetail slide, which also allows easy adjustment of guide arms.
- **Save-the-blade:** At the end of a cut, when the blade is at its lowest position, the stock automatically backs off the blade slightly to allow the blade to clear the work on its return to the starting position.
- Use fiber sensor to compensate the feeding deferential value occurred while feeding material with rough surface. It efficiently prevents inaccurate feeding due to slightly uneven material finish. (only for R-250NC / R-360NC)
- With automatic positioning function, after one cut and the saw frame raises up, the material stock is fed forward automatically by the roller to the preset length stopper. A signal is transferred in order to start next cut. (only for AH-250R / 1010JAY / 360C)
- **Use SNC20 system:** (Standard for R-250NC and R-360NC only) It is programmable to build 20 different jobs including cutting length and workpiece in memory. After receiving the operating information, the machine will do the indexing and kerf compensation automatically. Cutting job will stop when the cutting piece is reached, no more calculation and set up on feeding length and feeding time. Having the error feedback function, the displayed error code will indicate the error state of the machine convenient and quick trouble shooting.



Automatic Positioning
(For AH-250R / 1010JAY / 360C)

AH-1010JAY

