

Model	MH-1016JA SH-1016JA	MH-1018JA	MH-916JRP	MHV-200	SH-250R	AH-250R
Max. Capacity						
●	250 mm (10")	255 mm (10")	230 mm (9")	200 mm (8")	250 mm (10")	250 mm (10")
■	230 mm (9")	230 mm (9")	230 mm (9")	180 mm (7")	230 mm (9")	230 mm (9")
■ (H x W)	230 x 370 mm (9"x14.5")	230 x 460 mm (9"x18")	230 x 370 mm (9"x14.5")	180 x 290 mm (7"x11.4")	230 x 300 mm (9"x11.8")	230 x 250 mm (9"x10")
Saw Blade						
Size (LxWxT)	3350 x 27 x 0.9 mm (132" x 1.06" x 0.035")	3505 x 27 x 0.9 mm (138" x 1.06" x 0.035")	3350 x 27 x 0.9 mm (132" x 1.06" x 0.035")	2720 x 27 x 0.9 mm (107" x 1.06" x 0.035")	3350 x 27 x 0.9 mm (132" x 1.06" x 0.035")	3350 x 27 x 0.9 mm (132" x 1.06" x 0.035")
Speed	50Hz 19,31,48,78 M/min. 62,102,157,256 ft/min.	24,38,53,81 M/min. 78,124,173,256 ft/min.	21,32,48,77 M/min. 68,104,156,251 ft/min.	15,24,39,66 M/min. 49,80,129,217 ft/min.	19,31,48,78 M/min. 62,102,157,256 ft/min.	19,31,48,78 M/min. 62,102,157,256 ft/min.
	60Hz 23,37,58,93 M/min. 75,121,190,305 ft/min.	29,46,65,98 M/min. 95,150,213,321 ft/min.	25,39,57,92 M/min. 82,127,186,300 ft/min.	18,29,47,79 M/min. 59,96,155,260 ft/min.	23,37,58,93 M/min. 75,121,190,305 ft/min.	23,37,58,93 M/min. 75,121,190,305 ft/min.
Tension	Manual					
Motor Output						
Saw Blade	2 HP (1.5 kW)	2 HP (1.5 kW)	2 HP (1.5 kW)	1 HP (0.75 kW)	2 HP (1.5 kW)	2 HP (1.5 kW)
Hydraulic	0.25 HP (0.1875 kW) (for SH-1016JA only)				0.25 HP (0.1875 kW)	
Coolant	0.125 HP (0.1 kW)	0.125 HP (0.1 kW)	0.125 HP (0.1 kW)	0.125 HP (0.1 kW)	0.125 HP (0.1 kW)	0.125 HP (0.1 kW)
Height of Work Bed	650 mm (25.6")	650 mm (25.6")	650 mm (25.6")	630 mm (24.8")	640 mm (25")	640 mm (25")
Weight	432 kgs (950 lbs)	432 kgs (950 lbs)	410 kgs (902 lbs)	220 kgs (484 lbs)	580 kgs (1276 lbs)	580 kgs (1276 lbs)
Floor Space (LxWxH)	1680 x 710 x 1780 mm (66" x 28" x 70")	1730 x 740 x 1050 mm (68" x 29" x 41")	1600 x 710 x 1080 mm (63" x 28" x 42.5")	1450 x 625 x 1145 mm (56" x 24.5" x 45")	1850 x 900 x 1040 mm (73" x 35.4" x 41")	1850 x 900 x 1040 mm (73" x 35.4" x 41")

Model	MH-270M			MH-300DM			
	0°	+45°	+60°	0°	+45°	+60°	-45°
Max. Capacity							
●	225 mm (8.9")	145 mm (5.7")	90 mm (3.5")	260 mm (10.2")	240 mm (9.45")	160 mm (6.3")	190 mm (7.5")
■ (H x W)	240 x 150 mm (9.45" x 6")	145 x 210 mm (5.7" x 8.27")	90 x 180 mm (3.5" x 7")	295 x 230 mm (11.6" x 9")	225 x 215 mm (8.9" x 8.9")	160 x 130 mm (6.3" x 5.1")	190 x 190 mm (7.5" x 7.5")
Saw Blade							
Size (LxWxT)	2450 x 27 x 0.9 mm (96.5" x 1.06" x 0.035")			2965 x 27 x 0.9 mm (116.7" x 1.06" x 0.035")			
Speed	50Hz 35,70 mpm (115, 231 fpm)			37,74 mpm (122, 231 fpm)			
	60Hz 40,80 mpm (132, 264 fpm)			---			
Tension	Manual			Manual			
Saw Blade	3.3 HP (2.475 kW)			---			
Weight	250 Kgs (550 lbs)			320 Kgs (704 lbs)			
Floor Space (LxWxH)	1350 x 715 x 1326 mm (53" x 28" x 52.2")			1350 x 715 x 1326 mm (53" x 28" x 52.2")			

Model	SH-500M		MH-500M		SH-460M		MH-460M	
	0°	+45°	+60°	0°	-45°	-60°		
Max. Capacity								
●	330 mm (13")	290 mm (11.5")	220 mm (8.7")	250 mm (10")	230 mm (9")	110 mm (4.3")		
■ (H x W)	280 x 500 mm (11" x 19.7")	280 x 280 mm (11" x 11")	280 x 200 mm (11" x 7.9")	230 x 460 mm (9" x 18.1")	230 x 230 mm (9" x 9")	230 x 110 mm (9" x 4.3")		
Saw Blade								
Size (LxWxT)	4150 x 27 x 0.9 mm (163" x 1.06" x 0.035")			3505 x 27 x 0.9 mm (138" x 1.06" x 0.035")				
Speed	60Hz 23,36,51,76 M/min. (75,117,166,247 fpm)			29,46,65,98 M/min. (95,150,213,321 fpm)				
Tension	Spring Loaded			Manual				
Motor Output								
Saw Blade	3 HP (2.25kW)		3 HP (2.25kW)		2 HP (1.5 kW)		2 HP (1.5 kW)	
Hydraulic	1/2 HP (0.375 kW)		---		1/4 HP (0.18 kW)		---	
Coolant pump	1/8 HP (0.09 kW)		1/8 HP (0.09 kW)		1/8 HP (0.09 kW)		1/8 HP (0.09 kW)	
Workbed height	820 mm (32.3")		820 mm (32.3")		645 mm (25.4")		645 mm (25.4")	
Weight	990 Kgs (2079 lbs)		945 Kgs (2178 lbs)		690 Kgs (1518 lbs)		650 Kgs (1430 lbs)	
Floor Space (LxWxH)	1870 x 2715 x 2085 mm (74" x 107" x 82")			1400 x 1900 x 1700 mm (55" x 74.8" x 66.9")				

* Design and specifications are subject to change without notice & obligation.
* Machines may be shown with some options.



cat. no. general-10305

General Purpose

The Most Valuable Band Saw for Utility Purpose



MANUAL SERIES

The Cosen Manual Series Band Saw comes equipped with manual vise and adjustable hydraulic down feed(*). It is an ideal tool for the small to medium machine shop, maintenance shop, metal fabricating shop, school, and limited run production work. It is a great machine for cutting solids, square, round, rectangle and tubing material. Its solid construction ensures many years of reliability and accuracy at a high level of performance.

* except MH-270M

EQUIPMENT

- Coolant system
- Wire chip brush
- Step variable blade speed
- Adjustable material stopper
- Swivel saw frame for miter cutting capability (only for MH-270M)
- Swivel vise for miter cutting capability (only for MHV-200/916JRP/1016JA)
- Scale to ease the measurement of saw arm opening (only for MHV-200/916JRP/1016JA)
- Hardened worm gear to prolong its service life
- Carbide insert and bearing to enhance blade support
- Operation manual and parts book



MHV-200

	
200 mm	180 x 290 mm

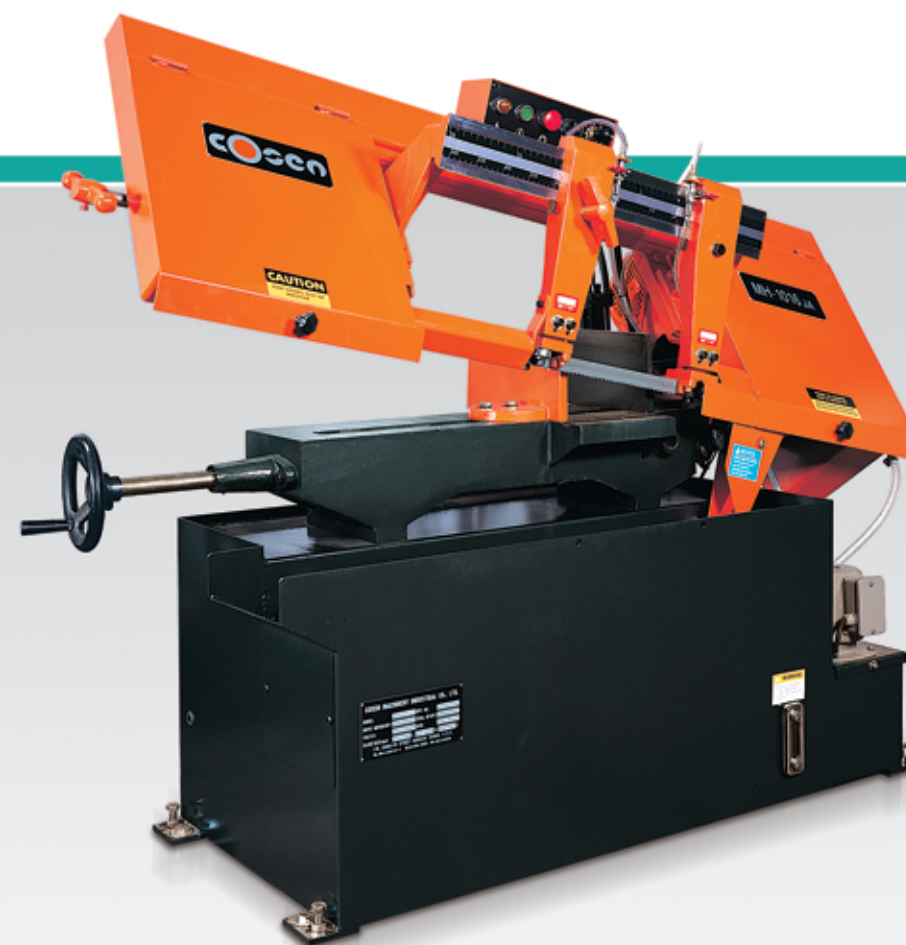


Horizontal / Vertical

STANDARD FEATURES

(for MHV-200/916JRP/1016JA)

- **GRAVITY FEED** Saw frame falls under its own weight and the descent feed rate is controlled by a hydraulic cylinder that has a valve to be adjusted by the operator. This adjustment is important when you are cutting different types and sizes of material.
- **CARBIDE GUIDE** Precision ball bearing combined with the carbide faced guides allow for better square cutting accuracy and stability.
- **QUICK SET UP VISE** Special designed vise adjustment for quick changes to suit different cutting degrees ranging from 0°-45°.
- **TRANSMISSION** Equipped with the best Worm gear speed reducer to help extend saw blade life and allows the saw frame to make more accurate cuts and to cut faster. Worm shaft is hardened and ground, the 4 speed range guarantees a trouble free drive.
- **GUIDE ARM** The saw has extremely heavy-duty cast iron guide arms and wheels.
- **COOLANT SYSTEM** The powerful coolant pump cools the blade and assists in chip removal.
- **SAFETY DESIGN** A special blade tension device shuts down the machine if the blade breaks.



MH-1016JA

<input type="radio"/>	<input type="checkbox"/>
250 mm	230 x 370 mm



MH-1018JA

<input type="radio"/>	<input type="checkbox"/>
255 mm	230 x 460 mm



MH-916JRP

<input type="radio"/>	<input type="checkbox"/>
230 mm	230 x 370 mm

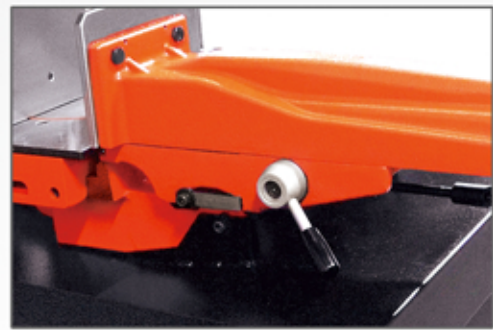
Double Miter Bandsaw



The "BTS" (Bearing Turn System) on the head of the saw can swivel the saw head with ease by using just 2 fingers.



Auto Cut System



Vise Handle

Push the handle, fast moving to open the vise.

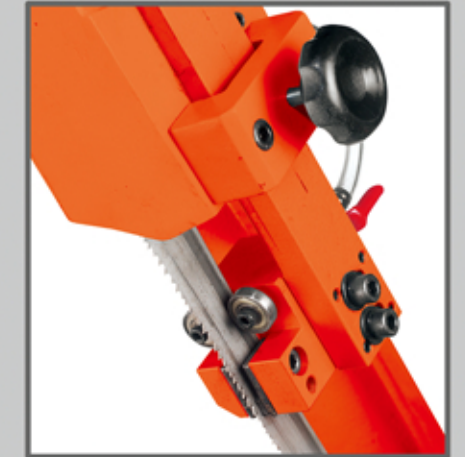
MH-300DM

	●	■
0°	260 mm	295 x 230 mm
+45°	240 mm	225 x 215 mm
-45°	160 mm	160 x 130 mm
+60°	190 mm	190 x 190 mm



MH-270M

	●	■
0°	225 mm	240 x 150 mm
+45°	145 mm	145 x 210 mm
+60°	90 mm	90 x 180 mm



Blade Guide



Reduction Gear Drive

Semi & Manual Miter-Cutting Band Saws

SH / MH-460M has a heavy-duty swivel frame and bed miter design with a capacity of 250mm (10"). Key features included in this robust machine allow for the use in mass production environments as well as tool room applications. Specifically designed bed and swivel allow users to easily and accurately set angles.

MH-460M SH-460M

	●	■
0°	250 mm	230 x 460 mm
-45°	230 mm	230 x 230 mm
-60°	110 mm	230 x 110 mm



SH / MH-500M, this large capacity and compact sized machine needs relatively small space when compared to machines with the same capacity 330mm(13"). The SH-500M features hydraulic lifting of the saw frame and full stroke hydraulic vise. These features enable semi-automatic operation to securely hold the work piece, cut, and return the saw frame to a preset work height. Large, heavy-duty trunion and swivel 'n' lock mechanism allows for up to 60 degrees of mitering capability. Both models are an excellent choice for diverse job shop needs.



MH-500M SH-500M

	●	■
0°	330 mm	280 x 500 mm
+45°	290 mm	280 x 280 mm
+60°	220 mm	280 x 200 mm



Semi-Automatic Hinge-Type Horizontal Band saw



Efficient, Economic, and Versatile!!

Cosen SH-250R is a semi-automatic hinge-type horizontal bandsaw with a surpassing 260 mm capacity. When compared with other brands in the 250 mm utility saw category, this model stands out by incorporating AH-250H's sawhead design, providing far better machine durability with its rigid saw frame structure. In addition, SH-250R surpasses the competition by offering more versatility at a more competitive price. Highly recommended for tool shops, die casting manufacturers and fabricators, SH-250R is easy to operate, compact and presents you with excellent cutting rate and high precision.



Proven Surpassing Cutting Rate

- 55 sec per cut for 100 mm medium carbon steel
Given: 81 RPM blade speed & downspeed set at 2.8
Result: smooth cut-off surface of ± 0.1 mm accuracy

COSEN SH-250R	Other brands
Sawhead automatically rises after completion of cut.	Sawhead has to be lifted by hand after cut.
Sawhead return height can be adjusted according to work height, increasing working efficiency for users	Sawhead has to be lifted by hand and set up every time after cut.
Hydraulic vises ensure workpiece is clamped tight and secure.	Manual vises require much effort to clamp and workpiece may still slide during cutting.
Wire brush driven by the pulley system rotates at the same speed as the blade, effectively cleaning chips from blade gullet and enhancing blade life.	Wire brush is driven by passive contact with blade, making chip cleaning less effective.



SH-250R



AH-250R

