

**OTHER OPTIONS:**

**Harmonics damper**

While cutting wide structural materials i.e. H-beam, the distance between the two guide seats is usually far apart resulting in harmonics at the blade. Applying this device between the guide seats can effectively eliminate harmonics by clamping the blade back.

**Prism vise**

The prism vise is constructed to cut hexagonal shaped bundles. With the prism vise, there is more contact between the vises and the pipes and less gap between adjacent pipes, thus facilitating secure clamping and precise cutting.

**Automatic wedging resistance**

When cutting some heavy wide-flange beams, the material may stress relieve and pinch the blade. To prevent the blade from becoming wedged in the cut, the Automatic Wedging Resistance option detects the increase in required amperage and commands the saw bow to automatically rise and return into the cut repeated throughout the remainder of the cut.

MODEL	NC Automatic Miter-Cutting					Semi-Automatic Miter-Cutting						Canted Frame Straight Cutting				
	C-800DMNC / CNC-800DM	C-700DMNC	C-600DMNC	C-650MNC	C-500MNC	SH-1500DM	SH-1000DM	SH-800DM	SH-700M	SH-700DM	SH-600DM	SH-650M	SH-1000F	SH-760F	SH-700F	C-760FNC
<b>Structure</b>																
Hinge type	-	●	●	●	●	-	-	-	-	●	●	●	-	-	-	-
Dual column type: blade tilt angle	10°	-	-	-	-	10°	7.5°	10°	7.5°	-	-	-	7.5°	7.5°	7.5°	7.5°
Single/Double-side mitering	D	D	D	S+	S+	D	D	D	S-	D	D	S+	-	-	-	-
60° miter-cutting (one side)	-60°	+60°	-60°	+60°	-	-60°	-60°	-60°	-60°	+60°	-60°	+60°	-	-	-	-
Frame/Bed swivel	F	F	F	F	F	FB	FB	F	F	F	F	F	-	-	-	-
<b>Blade Drive</b>																
Planetary/Worm gear box	P	W	W	W	W	P	P/W	P	W	W	W	W	P/W	P/W	W	P/W
Infinitely variable blade speed control	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
60-digit blade feed-rate control	Dual valve					●	●					Dual valve				
<b>Blade Guidance &amp; Lubrication</b>																
Hydraulic blade tension controller	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Grooved blade guide inserts	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hydraulically controlled blade guides	●	-	-	-	-	●	●	●	-	-	-	-	●	●	●	●
Hydraulically driven guide arm	●	-	-	-	-	●	●	●	-	-	-	-	●	●	●	●
Vibration damper	●	○	○	○	○	●	●	●	○	○	○	○	●	●	○	●
Harmonics damper	-	-	-	-	-	○	○	-	-	-	-	-	○	-	-	-
Automatic wedging resistance	○	○	○	○	-	○	○	○	○	○	○	○	○	○	○	○
Top clamp	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Prism vise	-	-	-	-	-	-	-	-	-	-	-	-	○	○	-	○
Spare saw blade	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Power driven wire brush system	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Integral coolant system	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hydraulic chip conveyor	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
<b>Material Feeding &amp; Clamping</b>																
Full stroke hydraulic cylinder vises (2 sets)	●	●	●	●	●	●	●	1 set	●	1 set	1 set	1 set	1 set	1 set	1 set	●
Automatic multiple indexing	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	●
Laser beam light	●	○	○	○	○	●	●	●	○	○	○	○	●	●	●	●
Hydraulic lift rollers + idle roller workbed	-	-	-	-	-	●	●	-	-	-	-	-	●	-	-	-
Multiple workbed support rollers	●	●	●	●	●	-	-	●	-	●	-	-	-	-	●	●
Roller table	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Powered roller table	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Vise pressure regulator	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
<b>Control &amp; Automation</b>																
Smart NC-100 System	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	●
LED blade speed indicator	Inclusive in SNC-100					●	●	●	●	●	●	●	●	●	●	●
Last cut function	Inclusive in SNC-100					●	●	-	●	●	-	●	●	●	●	●
Work height selector	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Saw frame height detector	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wheel motion detector	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Electrical & hydraulic safety interlock	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Independent control station	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

I: Inclusive ● Standard ○ Optional



**COSEN MACHINERY**  
<http://www.cosen.com>  
 E-mail: info@cosen.com



cat. no. struc-T202



# Miter & Straight Cutting Fabrication Saws

Specially for Structural & Fabrication Cutting

- ▶ NC Automatic Mass Production
- ▶ Semi-Automatic
- ▶ Mid-to-Large Capacity



**CE**  
 ISO 9001 certified

[www.cosen.com](http://www.cosen.com)

# Miter & Straight Cutting Fabrication Saws

## Designed specifically for **STRUCTURAL** cutting

This series is tailored specifically towards structural cutting applications, including fabricators that process medium to large structural material such as H beams, I beams, pipes, channels and angles.

With over 20 models available in the Structural Cutting series, your cutting requirement can be easily met. Whether you choose to straight cut or miter cut, you can find the perfect model within our extensive product lineup with:

- capacity from 460 mm (18") to over 1500 mm (59")
- semi-automatic, NC automatic and CNC types
- mitering from 0° to ±30°, ±45°, ±60°.

*Precise, accurate and designed specifically to maximize structural-cutting productivity, COSEN's Structural Cutting band saws is the answer for your structural cutting needs.*



## A quick way to **IDENTIFY** our model

It is easy to identify a COSEN bandsaw in this series from its model number alone. See the following examples:

- **SH-650M**  
Semi-Automatic Single-Sided Miter-Cutting Bandsaw, Width 650mm
- **C-800DMNC**  
NC Automatic Double-Sided Miter-Cutting Bandsaw, Width 800mm.
- **CNC-800DM**  
Computer Numerical Control Automatic Double-Sided Miter-Cutting Bandsaw, Width 800mm.



# NC Automatic Miter-Cutting Band Saws

## Miter cutting... **SMARTER** than ever!

Featuring in the Smart NC-100 technology, COSEN's NC Automatic Miter-Cutting Band Saw is the way to boost your productivity in miter-cutting jobs. With SNC-100, you will be able to enjoy the following conveniences:

- Programming up to 100 individual jobs including quantity and cutoff length with our 5.7" HMI touch screen
- Easily recalling and executing stored programs at will
- Automatic kerf loss compensation & automatic multiple indexing up to 6500 mm (650")
- Automatic machine shutoff after cutting jobs complete or when out of stock
- Rapid troubleshooting through error feedback system
- Convenient access to blade speed, blade life, optional motor amp draw and optional blade deviation.



## C-800DMNC

	●	■
0°	500 mm	400 x 800 mm
±45°	450 mm	400 x 550 mm
-60°	400 mm	400 x 400 mm



## C-700DMNC

	●	■
0°	450 mm	450 x 700 mm
±45°	450 mm	450 x 520 mm
+60°	300 mm	450 x 300 mm

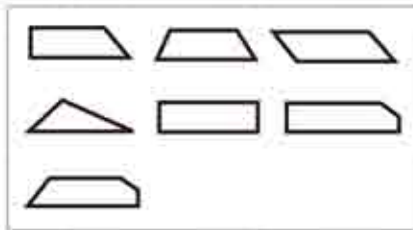
# NC Automatic Miter-Cutting Band Saws

## CNC-800DM automates your miter-cutting jobs!

In addition to all benefits offered by SNC100, CNC control on CNC-800DM further advantages you with faster miter-cutting results via these convenient features:

- 100 steps programmable for different cut-off lengths, quantities and mitering angles.
- Automatic saw bow mitering single or double-sided at your preset angles
- Automatic first cut & trim cut
- Programmable cutting rates & blade speeds to achieve best cutting performance
- Automatic guide arm & front vise re-positioning based on material width
- Easy material feeding achieved by automatic multiple feeding with mitering direction taken into calculation

Examples of how an H-beam can be automatically cut to different lengths and shapes:



## CNC-800DM

0°	500 mm	400 x 800 mm
±45°	450 mm	400 x 550 mm
-60°	400 mm	400 x 400 mm



## Saw frame height encoder, your **SECRET** in getting the best downfeed rate!

Through advanced encoder technology the machine displays the exact height position of the saw frame. This allows a linear downfeed rate to be calculated and displayed. The displayed rate eliminates any guessing as to the actual downfeed rate. This helps the operator to get the best performance from the machine by being able to cut at the proper downfeed rate recommended by the blade manufacturer.

(Standard only on CNC-800DMNC & C-800DMNC)

# NC Automatic Miter-Cutting Band Saws

▼ C-650MNC



▲ C-600DMNC

▼ C-500MNC



MODEL		C-800DMNC/CNC-800DM			C-700DMNC			C-600DMNC			C-650MNC			C-500MNC	
Angle															
Capacity	Round	500 mm (20")	450 mm (17.7")	400 mm (16")	450 mm (17.7")	450 mm (17.7")	300 mm (11.8")	330 mm (13")	330 mm (13")	300 mm (11.8")	420 mm (16.5")	400 mm (16")	250 mm (10")	330 mm (13")	290 mm (11.5")
	Rectangular (HxW)	400 x 800 mm (16" x 31")	400 x 550 mm (16" x 21")	400 x 400 mm (16" x 16")	450 x 700 mm (17.7" x 27.5")	450 x 520 mm (17.7" x 20.5")	450 x 300 mm (17.7" x 11.8")	300 x 600 mm (11.8" x 23.6")	300 x 400 mm (11.8" x 16")	330 x 300 mm (11.8" x 11.8")	380 x 650 mm (15" x 25.6")	400 x 400 mm (16" x 16")	400 x 250 mm (16" x 10")	280 x 500 mm (11" x 19.7")	265 x 300 mm (10.5" x 11.8")
Saw blade	Speed	20-100 m/min (66-330 fpm)			20-100 m/min (66-330 fpm)			20-100 m/min (66-330 fpm)			20-100 m/min (66-330 fpm)			20-100 m/min (66-330 fpm)	
	Size(LxWxT)	6600 x 54 x 1.3 mm (260" x 2" x 0.050")			5800 x 41 x 1.3 mm (228" x 1.6" x 0.050")			4880 x 34 x 1.1 mm (192" x 1.3" x 0.042")			5300 x 41 x 1.3 mm (209" x 1.6" x 0.050")			4670 x 34 x 1.1 mm (184" x 1.3" x 0.042")	
	Tension	Hydraulic			Hydraulic			Hydraulic			Hydraulic			Hydraulic	
Motor output	Saw blade	7.5 HP (5.6 KW)			7.5 HP (5.6 KW)			5 HP (3.75 KW)			7.5 HP (5.6 KW)			5 HP (3.75 KW)	
	Hydraulic	3 HP (2.25 KW)			2 HP (1.5 KW)			1 HP (0.75 KW)			2 HP (1.5 KW)			1 HP (0.75 KW)	
	Coolant pump	1/2 HP (0.375 KW)			1/4 HP (0.18 KW)			1/8 HP (0.1 KW)			1/4 HP (0.18 KW)			1/8 HP (0.1 KW)	
Tank capacity	Hydraulic	85 L (22.1 gal)			74 L (19.24 gal)			65 L (16.9 gal)			65 L (16.9 gal)			40 L (10.4 gal)	
	Coolant	200 L (52 gal)			120 L (31.2 gal)			100 L (26 gal)			115 L (29.9 gal)			55 L (14.3 gal)	
Vise	Control method	Hydraulic Full Stroke Cylinder , NC Automatic			Hydraulic Full Stroke Cylinder , NC Automatic			Hydraulic Full Stroke Cylinder , NC Automatic			Hydraulic Full Stroke Cylinder , NC Automatic			Hydraulic Full Stroke Cylinder , NC Automatic	
Feeding length	Mode	Hydraulic , NC Automatic			Hydraulic , NC Automatic			Hydraulic , NC Automatic			Hydraulic , NC Automatic			Hydraulic , NC Automatic	
	Single stroke	1500 mm (59")			1000 mm (39.4")			1000 mm (39.4")			800 mm (31.5")			607 mm (23.9")	
	Multi stroke	Max. 6500 mm (650")			Max. 6500 mm (650")			Max. 6500 mm (650")			Max. 6500 mm (650")			Max. 6500mm (650")	
Workbed height		1085 mm (42.7")			750 mm (29.5")			720 mm (28.35")			750 mm (29.5")			720 mm (28.3")	
Gross weight		7900kgs(17380lbs)/8000kgs(17600lbs)			3800kgs(8360lbs)			3650kgs(8030lbs)			3000 kgs (6600 lbs)			2050kgs(4510lbs)	
Floor space (LxWxH)		5200 x 3530 x 2725 mm (204.7" x 139" x 107")			4230 x 3300 x 2720 mm (166.5" x 130" x 107")			4450 x 2900 x 2210 mm(175" x 114" x 87")			3600 x 2900 x 2500 mm (141.7" x 114" x 98.4")			2900 x 2600 x 2200 mm (114" x 102" x 86.6")	

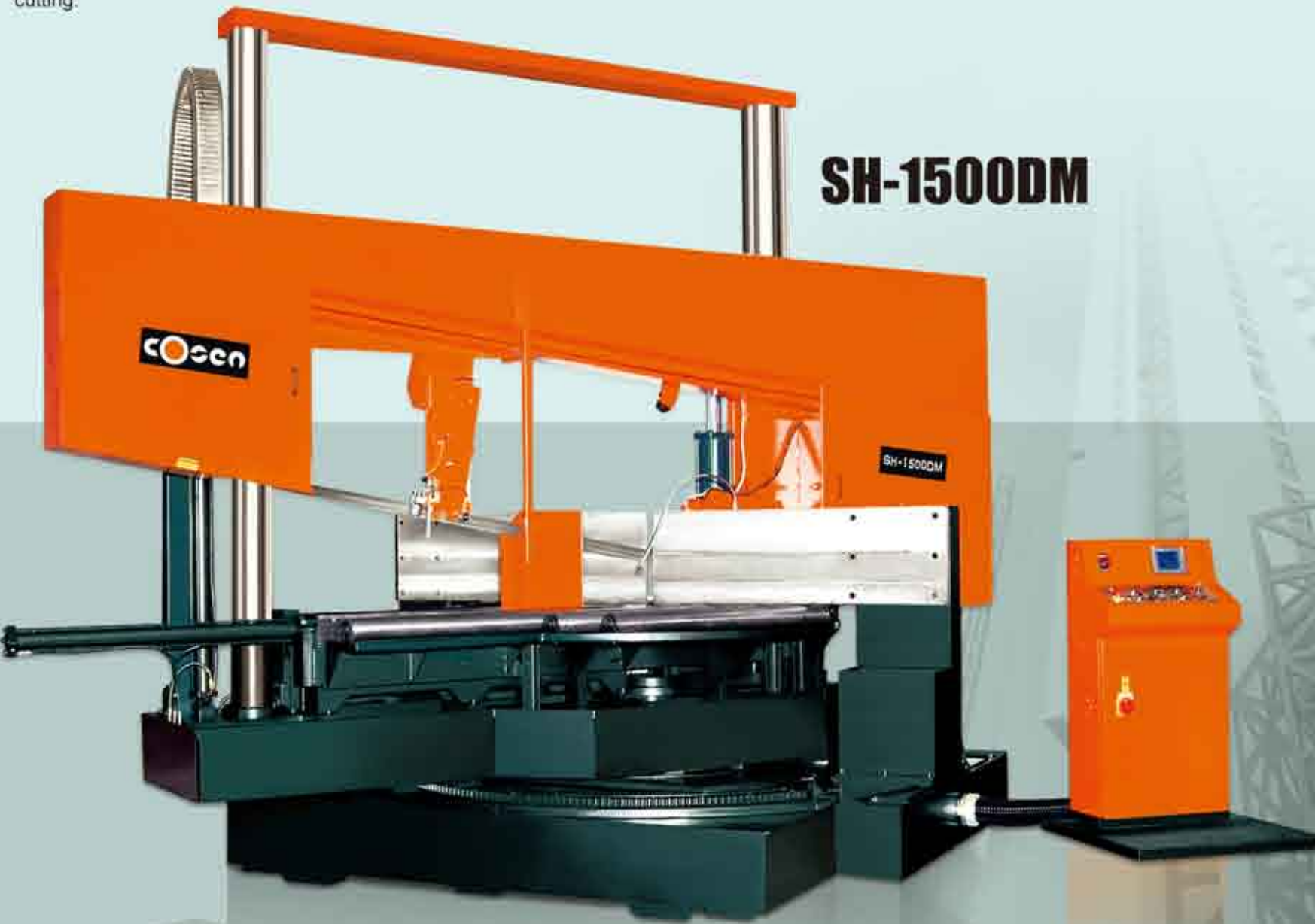
# Semi-Automatic Miter-Cutting Band Saws



Powerful, smooth and precise! Your **IDEAL** large capacity miter cutting is here.

COSEN's semi-automatic miter-cutting band saw series is the perfect choice for fabricators pursuing precise, efficient and reliable cutting on mid to large-sized structural material.

Heavy-duty canted saw frame and the dual column plus cross link design (on models greater than 800 mm) together provide unsurpassed rigidity and the smoothest cutting throughout the cutting cycle. Double-sided mitering and the specially designed infeed lift rollers greatly save you time and efforts in material feeding and cutting.



**SH-1500DM**

MODEL		SH-1500DM		
Angle		0°	±45°	-60°
Capacity	Round	850 mm (33.5")	800 mm (31.5")	580 mm (22.8")
	Rectangular (HxW)	750 x 1500 mm (29.5" x 59")	750 x 900 mm (29.5" x 35.4")	750 x 580 mm (29.5" x 22.8")
Saw blade	Speed	20-100 m/min (66-330 fpm)		
	Size(LxWxT)	11880 x 67 x 1.6 mm (468" x 2.6" x 0.063")		
	Tension	Hydraulic		
Motor output	Saw blade	15 HP (11.25 KW)		
	Hydraulic	3 HP (2.25 KW)		
	Coolant pump	1/2 HP (0.375 KW)		
Tank capacity	Hydraulic	80 L (20.8 gal)		
	Coolant	150 L (39 gal)		
Vise	Control method	Hydraulic Full Stroke Cylinder		
Workbed height		1295 mm (51")		
Gross Weight		21000 kgs (46200 lbs)		
Floor space (LxWxH)		5160 x 5550 x 4200 mm (203" x 219" x 165")		

## Cut **FASTER** , save larger with Cosen's Planetary Gearbox!



Cosen's specially designed planetary gearbox provides smooth and powerful cutting through the heaviest of materials. The power transmission efficiency is higher than 90%, topping all gearbox types in mechanical performance. Also, it accepts more pressure during operation and will not create thermal distortion, providing long gearbox life under various production conditions. Over time, our customers realize significant savings in energy cost and increased productivity.

(Standard on SH-1500DM  
Available on other selected models.)

# Semi-Automatic Miter-Cutting Band Saws

## Vibration damper

Cosen's vibration damper can effectively reduce blade vibration produced under high-speed cutting.



Especially for cutting small materials on bandsaws of large width capacity, the vibration damper can reduce blade vibration, increase cutting rate, and enable smooth cut-off surfaces. (Standard on SH-800/1000/1500DM. Available on other selected models.)



**1+1>2?! True because...**

**Hydraulic lift rollers + idle roller workbed = your lifesaver in material feeding!!**

In Cosen's SH-1500DM and SH-1000DM, we incorporate two designs in making material feeding as easy as it can get. The hydraulically powered infeed lift rollers can lift up material and help place material to your desired position. The oval-shaped idle roller workbed further support the material from both the front and rear side. Added with a hand held remote control (optional), these two models allow you to safely move even the largest materials!

MODEL		SH-1000DM (7.5' blade cant)		
Angle		0°	±45°	-60°
Capacity	Round	660 mm (26")	620 mm (23")	400 mm (15.7")
	Rectangular (HxW)	520 x 1020 mm (20.5" x 40")	520 x 620 mm (20.5" x 24.4")	540 x 400 mm (21.3" x 15.7")
Saw blade	Speed	15-90 m/min (49-295 fpm)		
	Size(LxWxT)	8300 x 54 x 1.6 mm (326.8" x 2" x 0.063")		
	Tension	Hydraulic		
Motor output	Saw blade	10 HP (7.5 KW)		
	Hydraulic	3 HP (2.25 KW)		
	Coolant pump	1/4 HP (0.18 KW)		
Tank capacity	Hydraulic	60 L (15.6 gal)		
	Coolant	100 L (26 gal)		
Vise	Control method	Hydraulic Full Stroke Cylinder		
Workbed height		810 mm (31.9")		
Gross Weight		5570 kgs (12254 lbs)		
Floor space (LxWxH)		3750 x 3900 x 2765 mm (148" x 154" x 109")		

## SH-1000DM



# Semi-Automatic Miter-Cutting Band Saws

Twin column + canted frame, your ideal package for **STRUCTURAL CUTTING**

Cosen employs a rigid, oversized round column design, which keeps the same penetrating angle to the material from top to bottom of cut. The blade cant design is particularly useful when cutting large I-beams or other structural shapes as it creates more even load per blade tooth, thus increasing cutting efficiency and blade life. There is no question that the twin column and canted frame is the way to go at structural cutting.

## SH-700M

	●	■
0°	500 mm	400 x 700 mm
-45°	350 mm	470 x 350 mm
-60°	200 mm	500 x 200 mm



## SH-800DM

	●	■
0°	500 mm	400 x 800 mm
±45°	450 mm	400 x 550 mm
-60°	400 mm	400 x 400 mm



## BEAM LIGHT

Laser alignment beam Light is extremely useful for length measurements. The laser beam shines and indicates the cut-off line on the material, facilitating material alignment to the cut width desired. (Standard on 800 mm capacity and greater models. Refer to back cover for detailed accessory list.)



# Semi-Automatic Miter-Cutting Band Saws



## PRECISE angle locking & cutting

The swivel sawhead allows the user to lock and cut at any angle up to 60°.

The precision pivot system facilitates easy and accurate adjustment for angle cuts.

Cosen's SH-650M/600DM/700DM utilize a protractor and pointer in clear view and away from any chips covering the numbers.



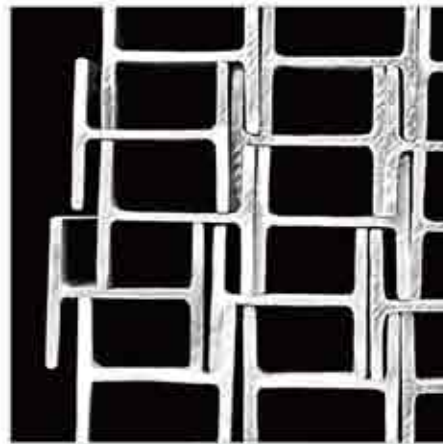
MODEL		SH-800DM			SH-700M (7.5" blade cant)			SH-700DM			SH-600DM			SH-650M		
Angle																
Capacity	Round	500 mm (20")	450 mm (17.7")	400 mm (16")	500 mm (19.7")	350 mm (13.8")	200 mm (7.9")	450 mm (17.7")	450 mm (17.7")	300 mm (11.8")	330 mm (13")	300 mm (11.8")	330 mm (13")	420 mm (16.5")	400 mm (16")	250 mm (10")
	Rectangular (HxW)	400 x 800 mm (16" x 31")	400 x 550 mm (16" x 21")	400 x 400 mm (16" x 16")	400 x 700 mm (15.7" x 27.6")	470 x 350 mm (18.5" x 13.8")	500 x 200 mm (19.7" x 7.9")	450 x 700 mm (17.7" x 27.5")	450 x 520 mm (17.7" x 20.5")	450 x 300 mm (17.7" x 11.8")	330 x 600 mm (13" x 23.6")	330 x 400 mm (13" x 16")	330 x 300 mm (13" x 11.8")	380 x 650 mm (15" x 25.6")	400 x 400 mm (16" x 16")	400 x 250 mm (16" x 10")
Saw blade	Speed	20-100 m/min (66-330 fpm)			25-95 m/min (82-312 fpm)			20-100 m/min (66-330 fpm)			20-100 m/min (66-330 fpm)			20-100 m/min (66-330 fpm)		
	Size(LxWxT)	6600 x 54 x 1.3 mm (260" x 2" x 0.050")			5450 x 41 x 1.3 mm (214.5" x 1.6" x 0.050")			5800 x 41 x 1.3 mm (228" x 1.6" x 0.050")			4880 x 34 x 1.1 mm (192" x 1.3" x 0.042")			5300 x 34 x 1.1 mm (209" x 1.3" x 0.042")		
Motor output	Tension	Hydraulic			Hydraulic			Hydraulic			Hydraulic			Hydraulic		
	Saw blade	7.5 HP (5.6 KW)			7.5 HP (5.6 KW)			7.5 HP (5.6 KW)			5 HP (3.75 KW)			5 HP (3.75 KW)		
	Hydraulic	3 HP (2.25 KW)			1 HP (0.75 KW)			1 HP (0.75 KW)			1 HP (0.75 KW)			1 HP (0.75 KW)		
Tank capacity	Coolant pump	1/2 HP (0.375 KW)			1/4 HP (0.18 KW)			1/8 HP (0.1 KW)			1/8 HP (0.1 KW)			1/8 HP (0.09 KW)		
	Hydraulic	85 L (22.1 gal)			35 L (9.1 gal)			45 L (11.7 gal)			40 L (10.4 gal)			45 L (11.7 gal)		
Vise	Coolant	200 L (52 gal)			50 L (13 gal)			120 L (31.2 gal)			100 L (26 gal)			60 L (15.6 gal)		
	Control method	Hydraulic Full Stroke Cylinder			Hydraulic Full Stroke Cylinder			Hydraulic Full Stroke Cylinder			Hydraulic Full Stroke Cylinder			Hydraulic Full Stroke Cylinder		
Workbed height		1085 mm (42.7")			700 mm (27.5")			750 mm (29.5")			720 mm (28.35")			750 mm (29.5")		
Gross Weight		4500 kgs (9900 lbs)			3400 kgs (7480 lbs)			2400 kgs (5280 lbs)			1800 kgs (3960 lbs)			1800 kgs (3960 lbs)		
Floor space (LxWxH)		3120 x 3530 x 2725 mm (122.8" x 139" x 107")			1750 x 2880 x 2260 mm (69" x 113.5" x 89")			2700 x 3150 x 2720 mm (106.3" x 124" x 107")			2220 x 2900 x 2210 mm (87.4" x 114" x 87")			2300 x 2900 x 2500 mm (90.6" x 114" x 98.4")		

# Canted Frame Straight Cutting Band Saws: Semi-Automatic

## Canted frame straight cutting band saws for **STRUCTURAL MATERIAL**

Offered in semi-automatic and NC automatic types, these straight cutting bandsaws adopt the canted frame design available from 0° to 7.5° or 10°, which is particularly useful when cutting structural material giving you better cutting efficiency and blade life. The dual column, cross link and saw frame hydraulic cylinders as a group form a very rigid structure maximizing your productivity particularly in pack cutting.

Designed specifically for cutting structural steel such as H-beam, I-beam, channels, profiles and tubing.



### **HYDRAULICALLY** powered guide arm

Directly controlled from the operator's console, this hydraulically actuated heavy-duty cast guide arm permits efficient cutting by being able to rapidly move close to the material.



**SH-1000F**  
660 mm | 520 x 1020 mm

# Canted Frame Straight Cutting Band Saws: Semi-Automatic



**SH-700F**



**SH-760F**

MODEL		SH-700F (7.5° blade cant)	SH-760F (7.5° blade cant)	C-760FNC (7.5° blade cant)	SH-1000F (7.5° blade cant)
Capacity	Round	420 mm (16.5")	560 mm (22")	560 mm (22")	660 mm (26")
	Rectangular (HxW)	350 x 700 mm (13.8" x 27.5")	520 x 760 mm (20.5" x 30")	520 x 760 mm (20.5" x 30")	520 x 1020 mm (20.5" x 40")
Saw blade	Speed	20-100 m/min (66-330 fpm)	20-100 m/min (66-330 fpm)	20-100 m/min (66-330 fpm)	20-100 m/min (66-330 fpm)
	Size(LxWxT)	5450 x 41 x 1.3 mm (215" x 1.6" x 0.05")	6665 x 54 x 1.6mm (262" x 2" x 0.063")	6665 x 54 x 1.6 mm (262" x 2" x 0.063")	8000 x 54 x 1.6 mm (315" x 2" x 0.063")
	Tension	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Motor output	Saw blade	7.5 HP (5.6 KW)	7.5 HP (5.6 KW) (Option:10 HP (7.5 KW))	7.5 HP (5.6 KW) (Option:10 HP (7.5 KW))	10 HP (7.5 KW)
	Hydraulic	1 HP (0.75 KW)	2 HP (1.5 KW)	2 HP (1.5 KW)	2 HP (1.5 KW)
	Coolant pump	1/8 HP (0.09 KW)	1/4 HP (0.18 KW)	1/4 HP (0.18 KW)	1/4 HP (0.18 KW)
Tank capacity	Hydraulic	35 L (9.1 gal)	50 L (12.5 gal)	80 L (20.8 gal)	75 L (18.8 gal)
	Coolant	85 L (22.1 gal)	100 L (25 gal)	100 L (26 gal)	120 L (30 gal)
Vise	Control method	Hydraulic Full Stroke Cylinder	Hydraulic Full Stroke Cylinder	Hydraulic Full Stroke Cylinder , NC Automatic	Hydraulic Full Stroke Cylinder
	Mode	---	---	Hydraulic , NC Automatic	---
Feeding length	Single stroke	---	---	520 mm (20.5")	---
	Multi stroke	---	---	Max. 6500 mm (650")	---
	Workbed height	700 mm (27.5")	700 mm (27.5")	700 mm (27.5")	650 mm (25.6")
Gross Weight		2700 kgs (5940 lbs)	2400 kgs (5280 lbs)	6100 kgs (13420 lbs)	5600 kgs (12320 lbs)
Floor space (LxWxH)		1200 x 2750 x 2150 mm(47" x 108" x 84.6")	1360 x 3375 x 2415 mm (53.5" x 133" x 95")	2160 x 3375 x 2415 mm (85" x 133" x 95")	1370 x 4000 x 2620 mm (54" x 157.5" x 103")

# Canted Frame Straight Cutting Band Saws: NC Automatic

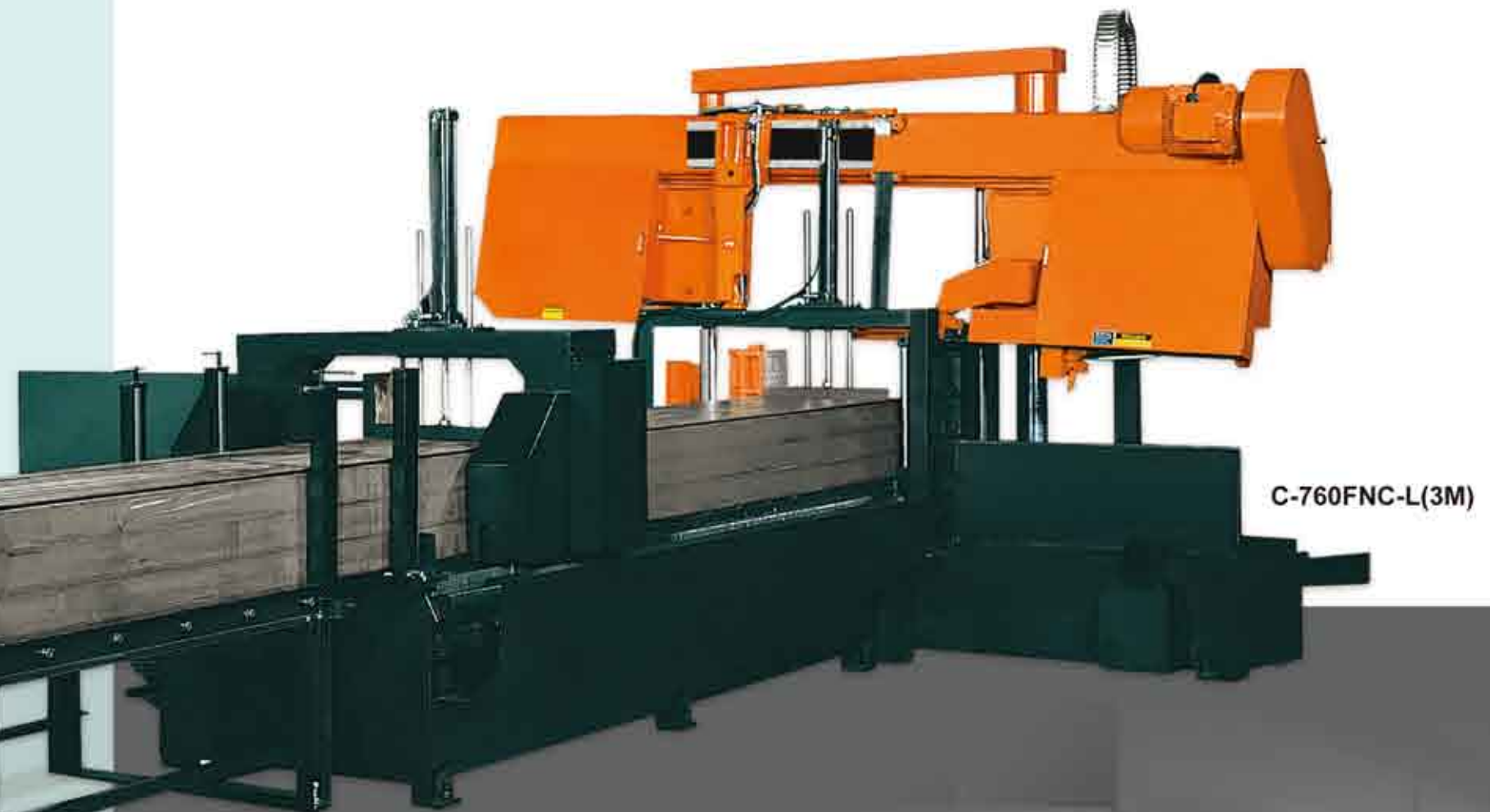


## C-760FNC



Oversized dual column with 7.5° blade cant  
Smart NC-100 (SNC100) technology

Multiple indexing for long cutting lengths of up to 30 m (650")  
Single stroke length up to 2~5 m (78.7"~197") also available



### Full capacity hydraulic top clamps (optional)

The full capacity hydraulic top clamps (shown above) are hydraulically powered via full stroke cylinders to provide secure clamping for bundle cut applications.

With full capacity top clamps added with heavy duty roller table and the Smart NC-100 technology, C-760NC can feed and cut your bundled works like a robot!