

### Harmonic Damper

While cutting structural materials with large width, the distance between the two guide seats is usually far apart resulting in harmonics at the blade. Applying this device can effectively reduce harmonics by holding the blade backing while entering the cut; thereby achieving better cutting rates and blade life.

### 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; the gap between pipes will be less as well. It will provide more secure clamping and precise cutting.

### Planetary gearbox

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

### Automatic Wedging Resistance (optional)

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 command the saw frame to automatically rise and return into the cut repeated throughout the remainder of the cut.

### Rule of Name Designation

Name designation for this series is so easy that you can understand its capacity and functions from the model numbers alone. For example:

MH - 500 M Manual Single-Sided Miter-Cutting Band Saw. Width 500 mm  
 C - 800 DM NC NC Automatic Double-Sided Miter-Cutting Band Saw. Width 800 mm  
 CNC - 800 DM Computer Numerical Control Automatic Double-Sided Miter-Cutting Band Saw. Width 800 mm  
 SH - 650 M Semi-Automatic Single-Sided Miter-Cutting Band Saw. Width 650 mm

● Standard ■ Optional

Model	SH-460M	MH-460M	SH-500M	MH-500M	C-500MNC	SH-600DM	C-600DMNC	SH-700DM	C-700DMNC	SH-650M	C-650MNC	SH-700M	SH-700F	SH-760F	C-760FNC	SH-800DM	C-800DMNC	SH-1000F	SH-1000DM	SH-1500DM	
Dual Columns type - Blade Tilt Angle	---	---	---	---	---	---	---	7.5	7.5	7.5	7.5	10	10	7.5	7.5	10	10	7.5	7.5	10	
Double Sides Miter Cutting	---	---	---	---	---	●	●	---	---	---	---	---	---	---	---	---	---	---	---	---	---
One Side Miter Cutting	●	●	●	●	●	●	●	---	---	---	---	---	---	---	---	---	---	---	---	---	---
60° Miter Cutting (One side)	---	●	---	---	---	---	---	---	---	---	---	---	---	---	---	●	●	---	---	---	---
Twin Columns Structure	Hinge type																				
Hydraulic Blade Tension Control	Spring loaded	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Infinite Variable Blade Speed Control	■	■	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Beam Light	---	---	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Grooved Blade Guide Inserts	---	---	---	---	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Idle Wheel Motion Detector	---	---	---	---	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Power Drive Wire Brush	---	---	---	---	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Complete Coolant System	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Last Cut Function	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	●	●	●
60 Digits Blade Feed-rate Control	Single down feed valve										Dual valve										
Hydraulic Controlled Blade Guide	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	●	●	●	●	●	●
Hydraulic Driven Guide Arm	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	●	●	●	●	●	●
Planetary Gear Reducer	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	●	●	●	●	●	●
Vibration Damper	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	●	●	●	●	●	●
Hydraulic Chip Conveyor	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Powered Roller Table	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vise Pressure Regulator	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nesting Fixture	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Roller Table	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Spare Saw Blade	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Harmonics Dampener	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Automatic Wedging Resistance	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Prism Vise	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Design and specifications are subject to change without notice & obligations. Machine may be shown with some optional accessories.



## Miter & Straight Cutting Fabrication Saws

## Numerical Control Automatic miter-cutting band saws

### Heavy-Duty Band Saws For Fabricating

COSEN offers various functional band saws with capacities from 460mm(18") to over 1500mm(59") in manual, semi-automatic, NC automatic, and CNC types. Mitering is available from  $\pm 30^\circ$ ,  $\pm 45^\circ$ ,  $\pm 60^\circ$  single-sided mitering or double-sided mitering. This series is tailored towards structural cutting applications, including fabricators that process medium to large structural material. COSEN's heavy-duty miter-cutting band saws satisfy all your structural cutting needs!

## CNC-800DM

### CNC-800DM Control Feature

Saw frame can be programmed to automatically perform either single-sided or double-sided mitering and precisely locate at the angle desired.

In addition to cut-off lengths and quantities, cutting angles to either side can be programmed at the same time. 99 combinations of cutting length, quantity, and mitering angles can be programmed.

#### Automatic first cut and trim cut functions

Allows browsing, selecting and modifying the preset program during operation.

Guide arms and the front movable vise can automatically locate themselves at the best positions depending on the material width.

Material feeding is easily achieved by automatic multiple indexing, which can be calculated based on mitering direction (front or back). This machine is specially incorporated with single stroke of 1500mm (59"), making cutting long material readily convenient.

According to the materials and widths of work pieces, different cutting rates and blade speeds can be preset and programmed in advance in order to achieve the best cutting performance. There is also a feed-back system for correcting interferences such as material variations.

Examples of how an H-beam can be cut to different lengths, angles and shapes as indicated below:



## SMART NC Automatic miter-cutting band saws

C-500MNC / C-650MNC / C-600DMNC / C-700DMNC / C-800DMNC use of Smart NC-20 (SNC20) technology provides most of the benefits of NC controlled saws at a mere fraction of the cost. SNC20 controls are programmable to 20 different jobs including quantity and length of cut. The control automatically compensates for Kerf loss after data input and requires no manual calculation of number of times to index. The control also automatically shutdowns the machine, blade motor, and hydraulics, once the programmed number of cuts or out of stock situation has been achieved. The system includes an error feedback function enabling rapid troubleshooting through an error code displayed in the event of a malfunction.



**C-700DMNC**



**C-800DMNC**

From width of 400mm(16") to over 1500mm(59"), all of COSEN's swivel machines allow precise and accurate miter cutting. Machines are designed for cutting structural steel such as H/I beams, pipe, channel, and angles. Where angle cutting is required specific models have the ability to either single or double swivel plus straight cut.



## SMART NC Automatic miter-cutting band saws



Specification (SMART-NC Automatic & Semi-Automatic)

MODEL	C-500MNC		C-600DMNC / SH-600DM			C-700DMNC / SH-700DM			C-800DMNC CNC-800DM		SH-800DM
ANGLE	0° ±45°		0° ±45°	±45°	±60°	0° ±45°	±45°	±60°	0° ±45°	±45°	±60°
MAX. CAPACITY	330mm (13")	290mm (11.5")	330mm (13")	330mm (13")	300mm (11.8")	450mm (17.7")	450mm (17.7")	300mm (11.8")	500mm (20")	450mm (17.7")	400mm (16")
(HxW)	280x500mm (11"x19.7")	265x265mm (10.5"x10.5")	330x600mm (13"x23.6")	330x400mm (13"x15.7")	330x300mm (13"x11.8")	450x700mm (17.7"x27.5")	450x520mm (17.7"x20.5")	450x300mm (17.7"x11.8")	400x800mm (16"x31")	400x550mm (16"x21")	400x400mm (16"x16")
SAW BLADE	Size(LxWxT) 4670x34x1.1mm (184"x1.3"x0.042")		4880x34x1.1mm (192"x1.3"x0.042")			5800x41x1.3mm (228"x1.6"x0.050")			6600x54x1.3mm (260"x2"x0.050")		
Tension	Hydraulic										
MOTOR OUTPUT	Saw blade 5HP (3.75kw)	1HP (0.75kw)	5HP (3.75kw)	5HP (3.75kw)	7.5HP (5.6kw)	7.5HP (5.6kw)	2HP (1.5kw)	1HP (0.75kw)	1HP (0.75kw)	3HP (2.25kw)	3HP (2.25kw)
Coolant pump	1/8HP (0.1kw)	1/8HP (0.1kw)	1/8HP (0.1kw)	1/8HP (0.1kw)	1/4HP (0.18kw)	1/4HP (0.18kw)	1/8HP (0.1kw)	1/8HP (0.1kw)	1/2HP (0.375kw)	1/2HP (0.375kw)	1/2HP (0.375kw)
TANK CAPACITY	Hydraulic 40L (10.4gal)	65L (16.9gal)	40L (10.4gal)	40L (10.4gal)	74L (19.2gal)	45L (11.7gal)	85L (22.1gal)	200L (52gal)	200L (52gal)	200L (52gal)	85L (22.1gal)
Coolant	55L (14.3gal)	100L (26gal)	100L (26gal)	100L (26gal)	120L (31.2gal)	120L (31.2gal)	1500mm (59")	1500mm (59")	1500mm (59")	1500mm (59")	200L (52gal)
FEEDING LENGTH	Per stroke 607mm (23.9")	1000mm (39.4")	1000mm (39.4")	1000mm (39.4")	1000mm (39.4")	1000mm (39.4")	1000mm (39.4")	1000mm (39.4")	1000mm (39.4")	1000mm (39.4")	1000mm (39.4")
Multi stroke	max.6500mm (650")	max.6500mm (650")	max.6500mm (650")	max.6500mm (650")	max.6500mm (650")	max.6500mm (650")	max.6500mm (650")	max.6500mm (650")	max.6500mm (650")	max.6500mm (650")	max.6500mm (650")
HEIGHT OF WORKBED	720mm (28.3")	720mm (28.35")	720mm (28.35")	720mm (28.35")	750mm (29.5")	750mm (29.5")	750mm (29.5")	750mm (29.5")	1085mm (42.7")	1085mm (42.7")	1085mm (42.7")
NET / GROSS WEIGHT	1500 / 1700 kgs (3300 / 3745 lbs)	2200 / 2400 kgs (4840 / 5280 lbs)	1300 / 1500 kgs (2860 / 3300 lbs)	2500 / 2800 kgs (5500 / 6160 lbs)	2100 / 2400 kgs (4620 / 5280 lbs)	5800 / 6400 kgs (12760 / 14080 lbs)	4200 / 4500 kgs (9240 / 9900 lbs)	4200 / 4500 kgs (9240 / 9900 lbs)	4200 / 4500 kgs (9240 / 9900 lbs)	4200 / 4500 kgs (9240 / 9900 lbs)	4200 / 4500 kgs (9240 / 9900 lbs)
FLOOR SPACE (LxWxH)	2900x2600x2200mm(114"x102"x86.6")	3730x2900x2210mm (146.9"x114"x87")	2220x2900x2210mm (87.4"x114"x87")	2220x2900x2210mm (87.4"x114"x87")	4230x3300x2720mm (166.5"x130"x107")	2700x3150x2720mm (106.3"x124"x107")	5200x3530x2725mm (204.7"x139"x107")	5200x3530x2725mm (204.7"x139"x107")	5200x3530x2725mm (204.7"x139"x107")	5200x3530x2725mm (204.7"x139"x107")	3120x3530x2725mm (122.8"x139"x107")
SHIPPING SPACE (LxWxH)	2970x2285x1880mm(117"x90"x74")	2745x2285x1750mm (108"x90"x69")	3020x1500x1650mm (119"x59"x65")	3020x1500x1650mm (119"x59"x65")	3710x2285x2110mm (146"x90"x83")	2630x1750x2110mm (106"x69"x83")	5150x2285x2515mm (203"x90"x99")	5150x2285x2515mm (203"x90"x99")	5150x2285x2515mm (203"x90"x99")	5150x2285x2515mm (203"x90"x99")	3650x2285x2515mm (144"x90"x99")

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### C-600DMNC

MODEL	C-650MNC	SH-650M	SH-700M (7.5 blade cant)	
ANGLE	0° ±45°	±45°	±45°	±60°
MAX. CAPACITY	420mm (16.5")	400mm (16")	500mm (19.7")	350mm (13.8")
(HxW)	380x650mm (15"x25.6")	400x400mm (16"x16")	400x250mm (15.7"x9.8")	470x350mm (18.5"x13.8")
SAW BLADE	Size(LxWxT) 5300x41x1.3mm (209"x1.6"x0.050")	5300x34x1.1mm (209"x1.3"x0.042")	5450x41x1.3mm (214.5"x1.6"x0.050")	5450x41x1.3mm (214.5"x1.6"x0.050")
Tension	Hydraulic			
MOTOR OUTPUT	Saw blade 7.5HP (5.6kw)	5HP (3.75kw)	7.5HP (5.6kw)	7.5HP (5.6kw)
Hydraulic	2HP (1.5kw)	1HP (0.75kw)	1HP (0.75kw)	1HP (0.75kw)
Coolant pump	1/4HP (0.18kw)	1/4HP (0.09kw)	1/4HP (0.18kw)	1/4HP (0.18kw)
TANK CAPACITY	Hydraulic 65L (16.9gal)	45L (11.7gal)	35L (9.1gal)	50L (13.3gal)
Coolant	115L (29.9gal)	60L (15.6gal)	50L (13.3gal)	50L (13.3gal)
FEEDING LENGTH	Per stroke 800mm (31.5")	800mm (31.5")	800mm (31.5")	800mm (31.5")
Multi stroke	max.6500mm (650")	max.6500mm (650")	max.6500mm (650")	max.6500mm (650")
HEIGHT OF WORKBED	750mm (29.5")	750mm (29.5")	700mm (27.5")	700mm (27.5")
NET / GROSS WEIGHT	2800 / 3000 kgs (6160 / 6600 lbs)	1200 / 1500 kgs (2,640 / 3,300 lbs)	3000 / 3400Kgs (6600/7480lbs)	3000 / 3400Kgs (6600/7480lbs)
FLOOR SPACE (LxWxH)	3600x2900x2500mm (141.7"x114"x98.4")	2300x2900x2500mm (90.6"x114"x98.4")	1750x2880x2260mm (69"x113.5"x89")	1750x2880x2260mm (69"x113.5"x89")
SHIPPING SPACE (LxWxH)	3650x2285x2110mm (144"x90"x83")	2920x2005x2110mm (115"x79"x83")	3200x2260x2235mm (126"x89"x88")	3200x2260x2235mm (126"x89"x88")



C-650MNC



C-500MNC

## Large-Capacity miter-cutting band saws

SH-1500DM / SH-1000DM / SH-800DM / SH-700DM / SH-600DM / SH-700M / SH-650M  
 All Cosen Swivel machines allow precise and accurate miter cutting. Swivel machines are available in manual, semi-automatic, automatic and SNC-20 series. Machines are available in capacities from 250mm (10") to over 750mm (29.5") x 1500mm (59"). Miter cutting up to 60 Degrees either direction is available.

### SH-1500DM

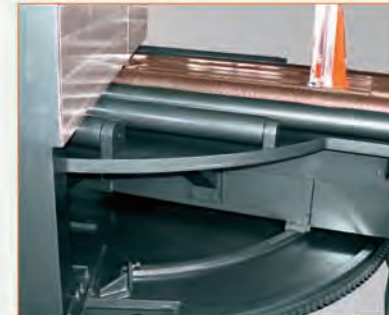
#### Specification

MODEL	SH-1500DM (10" blade cant)		
ANGLE	0°	±45°	±60°
MAX. CAPACITY	● (HxW)	850mm(33.5") 800mm(31.5") 580mm(22.8")	
	■ (HxW)	750x1500mm (29.5x59") (29.5x35.4") (29.5x22.8")	
SAW BLADE	Speed	20-100m/min (66-330fpm)	
	Size(LxWxT)	11880x67x1.6mm (468"x2.6"x0.063")	
MOTOR OUTPUT	Tension	Hydraulic	
	Saw blade	15HP (11.25KW)	
	Hydraulic	3HP (2.25kw)	
	Coolant pump	1/2HP (0.375kw)	
TANK CAPACITY	Hydraulic	80L (20.8gal)	
	Coolant	150L (39gal)	
FEEDING LENGTH	Per stroke	---	
HEIGHT OF WORKBED	Multi stroke	---	
NET / GROSS WEIGHT		18000 / 21000Kgs (39600 / 46200lbs)	
FLOOR SPACE (LxWxH)		5160x5550x4200mm (203"x219"x165")	
SHIPPING SPACE (LxWxH)		5840x2185x3505mm (230"x86"x138")	

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## Semi-Automatic miter-cutting band saws



Idle roller supplemental table is placed in the front and rear side of the machine so the material can move in easily.



Vibration damper will reduce blade vibration high - speed running, and increase cutting performance.

### SH-1000DM

Blade canted 7.5°  
(option 10°)

#### Specification

MODEL	SH-1000DM (7.5° blade cant)		
ANGLE			
MAX. CAPACITY	●	660mm (26")	620mm (23")
	■ (HxW)	520x1020mm (20.5" x 40")	520x620mm (20.5" x 24.4")
SAW BLADE	Speed	15-90m/min (49-295fpm)	
	Size(LxWxT)	8300x54x1.6mm (326.8"x2"x0.063") *	
MOTOR OUTPUT	Saw blade	10HP (7.5kw)	
	Hydraulic	3HP (2.25kw)	
	Coolant pump	1/4HP (0.18kw)	
TANK CAPACITY	Hydraulic	60L (15.6gal)	
FEEDING LENGTH	Coolant	100L (26gal)	
HEIGHT OF WORKBED	Per stroke	—	
	Multi stroke	—	
NET / GROSS WEIGHT	4300 / 5570Kgs (9460 / 12254lbs)		
FLOOR SPACE (LxWxH)	3750x3900x2765mm(148"x154"x109")		
SHIPPING SPACE (LxWxH)	2945x2185x2435mm (1162"x86"x96")		

Design and specifications are subject to change without notice & obligation. Machines may be shown with some options. SH-1000DM – Upgrading blade size from 8000x54x1.6mm to 8300x54x1.6mm.

## Semi-Automatic miter-cutting band saws

### SH-800DM

Blade Canted 10°



### SH-700M

Single side mitre



### Features

- The heavy duty rigid saw frame provides unsurpassed rigidity and the smoothest cutting throughout the cutting cycle.
- Inverter blade drive system allows infinitely variable blade speeds (20-100m/min) to be controlled by the operator from the control panel with turn of a knob. The system comes standard with LED readout for convenient and accurate setting of blade speed.

## Semi-Automatic miter-cutting band saws



**SH-700DM**  
*Double side mitre*



**SH-650M**



**SH-600DM**  
*Double side mitre*

### Features

- The center of swivel saw frame is precisely on the same axis as the blade and fixed vise to ensure precise lengths and angles. The saw frame swivels to any desired angle and will lock securely from 0°, 30°, 45° to 60°, single side or double side.
- Independent Control Station is located ergonomically at waist height featuring convenient access and ease of operation. Cosen's Dual Valve Feed System achieves optimal cutting performance. The operator can easily pre-select the correct feed pressure and feed rate for efficient cutting of any material.



## Semi & Manual miter-cutting band saws

SH / MH-500M, this large capacity and compact sized machine needs a relatively small space when compared to machines with the same width capacity 500mm(19.7"). 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 allow up to 60 degrees of mitering capability. Both models are an excellent choice for diverse jobshop needs.

**MH-500M**



SH / MH-460M has a heavy-duty swivel frame and bed miter design with a width capacity of 460mm (18"). Key features included in this robust machine allow for the use in production environment as well as tool room applications. Specially designed workbed and swivel mechanism allow for easy and accurate angle setting.

**SH / MH-460M**



**SH-500M**



### Specification

MODEL	SH-500M	MH-500M	SH-460M	MH-460M			
ANGLE	0°	+45°	+60°	0°	-45°	-60°	
MAX. CAPACITY	●	330mm(13")	280mm(11.5")	220mm(8.7")	250mm(10")	230mm(9")	110mm(4.5")
	■ (HxW)	280x500mm (11"x19.7")	280x280mm (11"x11")	280x200mm (11"x7.9")	230x400mm (9"x18.1")	230x230mm (9"x9")	230x110mm (9"x4.3")
SAW BLADE	Speed (60Hz)	23,36,51,76m/min (75,117,166,247rpm)			29,46,65,98m/min (95,150,213,321rpm)		
	Size(LxWxT)	4150x27x0.9mm (163" x 1" x 0.035")			3505x27x0.9mm (138"x1"x0.035")		
MOTOR OUTPUT	Tension	Spring loaded			Manual		
	Saw blade	3HP (2.25KW)	3HP (2.25KW)		2HP (1.5KW)	2HP (1.5KW)	
	Hydraulic	1/2HP (0.375kw)			1/4HP (0.18kw)		
	Coolant pump	1/8HP (0.09kw)	1/8HP (0.09kw)		1/8HP (0.09kw)	1/8HP (0.09kw)	
TANK CAPACITY	Hydraulic	8L (2gal)			8L (2.08gal)		
	Coolant	30L (7.8gal)	30L (7.8gal)		40L (10.4gal)	40L (10.4gal)	
FEEDING LENGTH	Per stroke	---			---		
	Multi stroke	---			---		
HEIGHT OF WORKBED		820mm (32.3")			645mm (25.4")		
	Weight						
WEIGHT	Net	MH:745Kgs(1639lbs.) SH:790Kgs(1738lbs)			MH:550Kgs(1210lbs.) SH:590Kgs(1298lbs)		
	Gross	MH:945Kgs(2079lbs) SH:990Kgs(2178lbs)			MH:650Kgs(1430lbs) SH:690Kgs(1518lbs)		
FLOORSPACE (LxWxH)	1870x2715x2085mm(74"x107"x82")			1400x1900x1700mm(55"x74.8"x66.9")			
SHIPPING SPACE (LxWxH)	2260x1190x1700mm(89"x47"x67")			1855x1220x1170mm(73"x48"x46")			



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## Canted frame straight cutting band saws

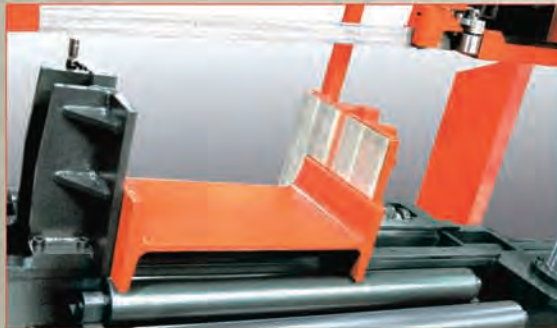
### Specification

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)
MAX. CAPACITY	●	420mm(16.5")	560mm(22")	560mm(22")	660mm(26")
	■ (HxW)	350x700mm (13.8"x27.5")	520x760mm (20.5"x30")	520x760mm (20.5"x30")	520x1020mm (20.5"x40")
SAW BLADE	Speed (60Hz)	20-100m/min (66-330fpm)			
	Size(LxWxT)	5450x41x1.3mm (215"x1.6"x0.05")	6665x54x1.6mm (262"x2"x0.063")	6665x54x1.6mm (262"x2"x0.063")	8000x54x1.6mm (315"x2"x0.063")
	Tension	Hydraulic			
MOTOR OUTPUT	Saw blade	7.5HP(5.6kw)	10HP(7.5kw)	10HP(7.5kw)	10HP(7.5kw)
	Hydraulic	1HP (0.75kw)	2HP (1.5kw)	2HP (1.5kw)	2HP (1.5kw)
	Coolant pump	1/8HP(0.09kw)	1/4HP(0.18kw)	1/4HP(0.18kw)	1/4HP(0.18kw)
TANK CAPACITY	Hydraulic	35L (9.1gal)	50L (12.5gal)	80L (20.8gal)	75L (18.8gal)
	Coolant	85L (22.1gal)	100L (25gal)	100L (26gal)	120L (30gal)
FEEDING LENGTH	Per stroke	---	---	520mm(20.5")	---
	Multi stroke	---	---	max.660mm(660")	---
HEIGHT OF WORKBED		700mm(27.5")	700mm(27.5")	700mm(27.5")	650mm(25.6")
WEIGHT	Net	1930kgs (4250lbs)	2100kgs (4620lbs)	5500kgs (12100lbs)	5200kgs (11440lbs)
	Gross	2700kgs (5940lbs)	2400kgs (5280 lbs)	6100kgs (13420 lbs)	5600kgs (12320lbs)
FLOOR SPACE (LxWxH)		1200x2750x2150mm (47"x108"x84.6")	1360x3375x2415mm (53.5"x133"x95")	2160x3375x2415mm (85"x133"x95")	1370x4000x2820mm (54"x157.5"x103")
SHIPPING SPACE (LxWxH)		1400x3200x2235mm (55"x126"x88")	1500x3555x2235mm (59"x140"x87")	2235x3330x2260mm (89"x139"x89")	1675x4215x2490mm (66"x166"x97")

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

SH-700F / SH-760F / C-760FNC / SH-1000F have a 7.5° standard blade cant. They are designed specifically for cutting structural steel such as H-beam, I-beam, channels, profiles, and tubing at the best cutting conditions.

## SH-1000F



**SH-760F**

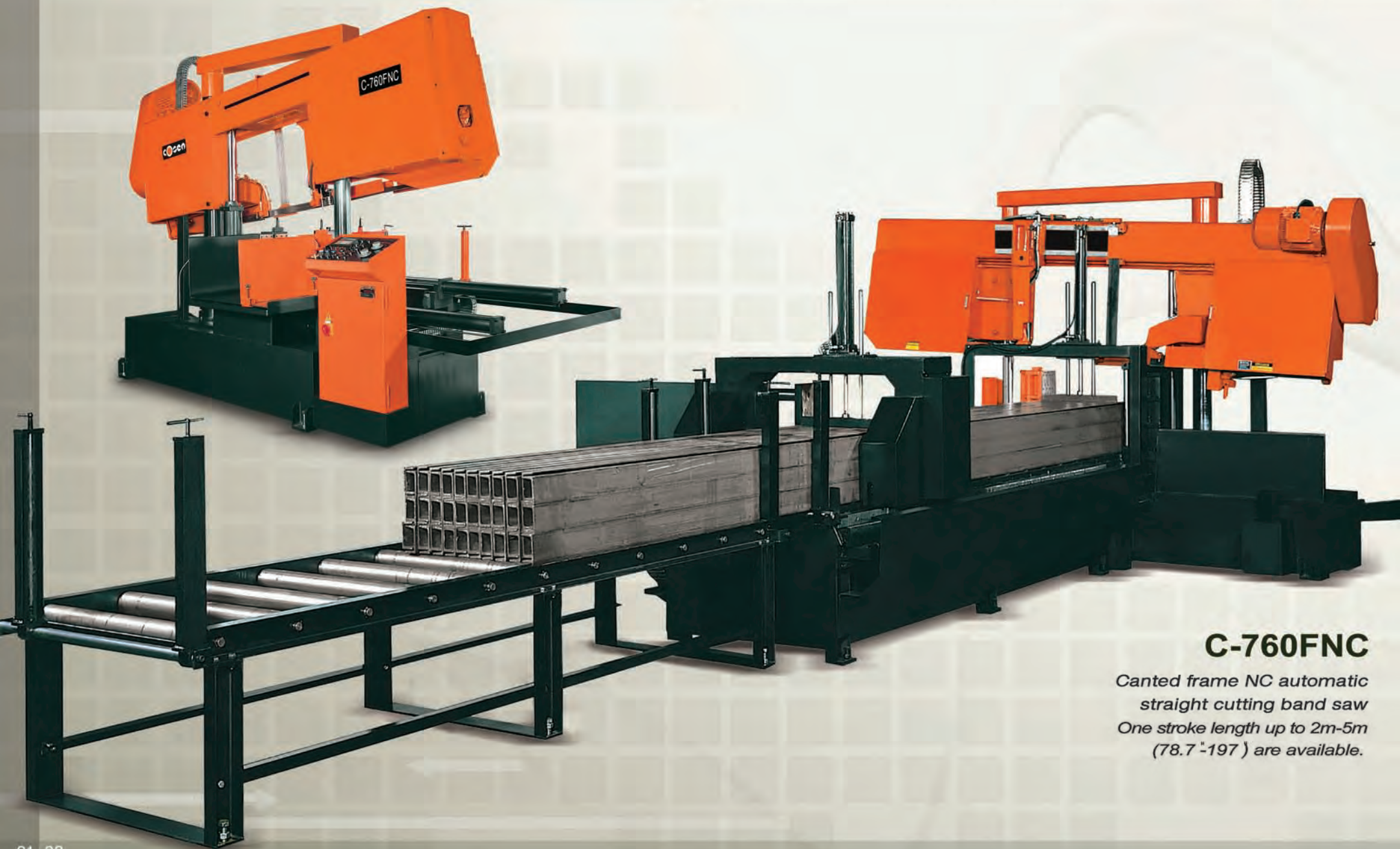


**SH-700F**



**Canted Frame Straight Cutting Band Saws for Structural Material**

This series includes semi-automatic and NC automatic types. One of the special features is a canted saw frame with angles available from 0° to 7.5° or 10°. (Preset at the time of manufacture and cannot be changed afterwards) The dual column, cross link, and saw frame hydraulic cylinder as a group form a very strong structure maximizing your productivity particularly in pack cutting. NC fully automatic models also offer customer choices in maximum single shuttle length of 500mm(20.5"), 1500mm(59"), or 3000mm(118"), while allowing multiple shuttles up to 6500mm(650"). Available models: SH-700F, SH-760F, SH-1000F, C-760FNC, C-760FNC-L



**C-760FNC**

*Canted frame NC automatic  
straight cutting band saw  
One stroke length up to 2m-5m  
(78.7'-197') are available.*