

Date Issued:

**Expires After 90 Days*



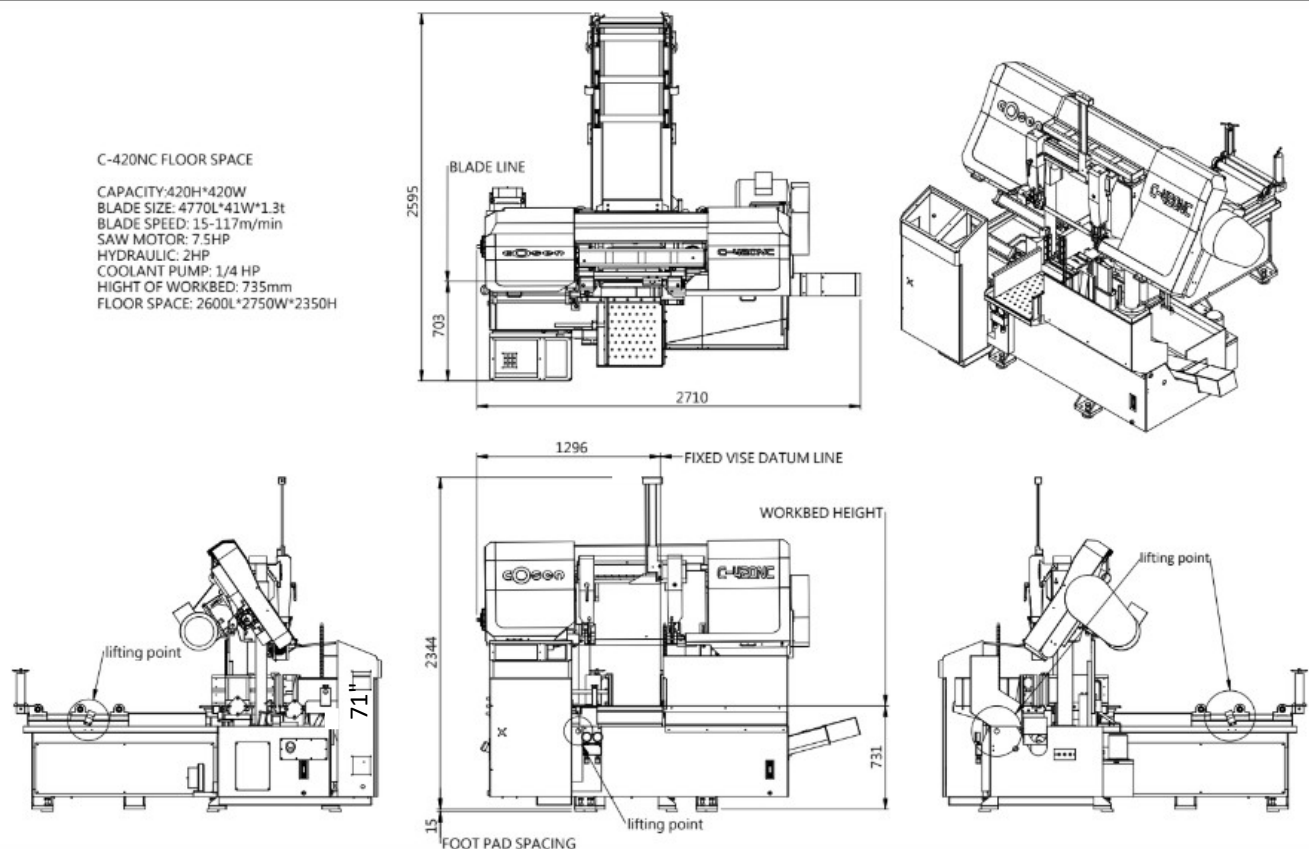
COSEN C-420NC

Fully Automatic Horizontal
Dual Column Band Saw

Dealer:
Address:
State:
Zip:
Phone:
Email:

End-User:
Address:
State:
Zip:
Contact Name:
Email:

Cosen's C-420NC is a high production machine which incorporates a massive base, sturdy saw frame, with an extremely heavy duty gear box, a 10HP drive motor, and a user friendly programmable control for ease of operation. Rugged, dependable, and advanced technology, are all words that describe Cosen's C-420NC production machine, making it the perfect saw for mass production settings.



Control System:

Smart NC-100 (SNC-100) technology provides most of the benefits of NC controlled saws at a mere fraction of the cost. SNC-100 controls are programmable up to 100 different jobs including quantity and length of cut. The controls automatically compensate for Kerf loss after data input and requires no manual calculation of number of times to index.

Machine Features:

- Hydraulic dual column design
- Gearbox designed to accept high lateral pressure (no thermal distortion)
- Inverter blade drive system which allows infinitely variable blade speeds
- 5.7" HMI touchscreen
- Adjustable flood coolant system
- Motor driven, synchronized wire blade brush
- Carbide blade guides and bearing provides additional blade support
- Rigid cast-iron guide arms
- Automatic hydraulic blade tensioning device
- Cast-iron hydraulic vise
- Split vise jaw for reduced burr
- Save-A-Blade feature
- Precision feed pressure and feed rate dual valve system for optimal cutting performance
- Computer controlled multiple indexing up to 999" max length

Machine Specifications:

Maximum Cutting Capacity	Round	16.5"
	Square	16.5" x 16.5"
	Rectangular	16.5" x 16.5"
	Bundle with optional top clamps	Width: 7.4" - 14.1" Height: 3.9" - 7"
	Remnant Piece	2.4"
Blade	Variable Speed	50 – 383 fpm
	Size	15' 7.8" x 1.5" x 0.05"
Motor	Saw Blade	10 HP
	Hydraulic	2 HP
	Coolant	1/4 HP
Auto. Material Feed System	Job Storage	Up to 100 jobs
	Single Index Stroke	0" to 19.8"
	Multiple Stroke Indexing	0" to 3897"
		(Automatic kerf compensation)
Weight		5,183 LBS
Power		230V, 3 PH, 60 Hz
		(460, 3 PH, 60 Hz Option)
Floor Space		102" x 106" x 92"
Work Bed Height		28.9"

*Please note that machine design and specs can change without notice

Max. AMP Draw - 230v: 35.66
460v: 17.83

Investment Summary

C-420NC Fully Automatic Dual Column Band Saw.....

Included Accessories

- CE Certified Upgrade with enhanced safety features
- Blade “clip” device eases blade changing when necessary by holding the blade on the band wheel during installation, making it very easy for one person to change the blade.
- Adjustable fence to support bundled cut-off stock
- Additional flushing hose for cleaning
- Mitsubishi Touch Screen Control w/ Cosen V_Drive
- Bi-metal saw blade
- Tool Box with tools, leveling pads, and an additional wire brush
- Operation & parts manual
- Full stroke vises
- Double retracting vises
- Hydraulic powered chip auger
- Blade vibration dampener
- Saw frame height encoder

Optional Accessories

Variable Vise Pressure Regulator (Part# AHA-10400KIT)	\$ 1,395.00	
Blade Deviation Detector (Reduces width capacity by 2") C420H-43000A	\$ 5,495.00	
Hydraulic Top Clamps for Machine & Index Vises (Part# AHN-2600)	\$ 4,295.00	
Heavy-duty Roller Table 5' long (Part# GRCW-25-5) Capacity- 4200lbs	\$ 3,195.00	
Heavy-duty Roller Table 10' long (Part# GRCW-25-10) Capacity- 7700lbs	\$ 4,895.00	
Heavy-duty Roller Table 6' 6" long w/vertical Rollers (Part# 05RC-4470-2M) Capacity- 5500lbs	\$ 3,995.00	
Micro Droplet Applicator	\$ 3,895.00	
Buck Boost Transformer for incoming power of 208V or below	\$ 4,995.00	
Voltage Change to 460V 3PH	\$ 995.00	
QR Code Reader (Part# EP-QRCODE-1)	\$ 3,995.00	
Cosen Cool Misting Fluid 1 gal	\$ 115.00	
Cosen Cool Misting Fluid 5 gal	\$ 595.00	

* Shipping Cost Is TBD. Please request a freight quote from logistics@cosensaws.com to add to the cost field if you would like Cosen to handle shipping.

Shipping Cost -----	
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TOTAL INVESTMENT -----	
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* Upon receiving equipment, customer is responsible for rigging, electrical hook-up, primary leveling, and any site improvements if needed.

**Pricing shown includes applicable import duties and tariffs in effect at the time of publication. Final pricing is subject to confirmation at time of order.

Terms and Conditions

Cosen's policy is one of continuous improvements and thus reserves the right to change pricing, designs and specifications of any of our products, without notice or obligations, at any time.

Prices are FOB Port of Entry. The Purchaser is responsible for inland freight charges, rigging, electrical hook up, and all applicable taxes and duties.

Terms and Conditions: Cosen reserves the right to change pricing at any time without notice. Delivery dates are estimates and may vary from those quoted at time of order placement without any penalties.

Payment in full prior to shipment

Cosen reserves the right to specify additional conditions for payment.

***Pricing shown includes applicable import duties and tariffs in effect at the time of publication. In the event of future changes to tariffs, duties, or trade policies that materially impact cost prior to delivery, Cosen reserves the right to adjust pricing accordingly. Customers will be notified at the time of order and prior to final invoicing.*

WARRANTY (2 Years Parts, 1 Year Labor)

New Cosen sawing machines are warranted to be free from defects in workmanship and material for a period of Two (2) years from the date of shipment by Seller, or Four Thousand One Hundred and Sixty (4160) hours of usage, whichever occurs first. Products which, under normal operating conditions in Buyer's plant, are defective in workmanship or material will be repaired or replaced at the option of Seller. This warranty does not cover shipping freight charges for either the return of the defective part or for the shipping of the replacement or repaired part. Seller will have no obligation to repair or replace perishable parts, or materials or parts damaged by misuse, negligence or failure of Buyer to provide appropriate maintenance and service as stated in the operator's manual or industry standard and normally acceptable practices. This warranty does not apply if the machine has been altered or modified without prior written consent of Seller. Seller will not assume responsibility for products or components returned to Seller without prior consent, or for unauthorized repairs to its products. This warranty applies to electrical components to the Buyer only if the voltage supplied to the machine is within the stated voltage of the machine by +/- 10% and earth grounded at the machine. Electrical components damaged due to external factors, including but not limited to power surges or drops, sudden loss of power, storms, or other external electrical disturbances, are not covered under this warranty.

Conveyors and Customized Material Handling Solutions Warranty (1 Year Parts Only)

Idle conveyors, powered conveyors and customized material handling solutions supplied with or in addition to machinery are warranted to be free from defects in workmanship and material for a period of One (1) year from the date of shipment by Seller. This warranty covers parts only and explicitly excludes labor. Products which, under normal operating conditions in Buyer's plant, are defective in workmanship or material will be replaced at the option of Seller. This warranty does not cover shipping freight charges for the return of the defective part or the shipping of the replacement part. Seller will not be responsible for the replacement of perishable parts or parts damaged by misuse, negligence, or failure by Buyer to provide appropriate maintenance and service as stated in the operator's manual, industry standards, or normally accepted practices. Unauthorized modifications, alterations, or repairs will void this warranty. This warranty applies to electrical components to the Buyer only if the voltage supplied to the powered conveyor or customized material handling solution is within the stated voltage by +/- 10% and earth grounded at the machine. Electrical components damaged due to external factors, including but not limited to power surges or drops, sudden loss of power, storms, or other external electrical disturbances, are not covered under this warranty.

Accessories Supplied with Manufacturer's Equipment

The warranties available to the Buyer are those provided by the accessory manufacturer, if any, to the extent they are in force and effect. The ACCESSORY MANUFACTURER'S WARRANTY, if any, is exclusive and is in lieu of all other warranties whether written, oral, or implied. In the case of components or units purchased by Seller including work holding devices, tool holders, motors, and controls, the warranty shall not exceed that received by Seller from the supplier of such components or units, and Seller may require Buyer to seek warranty relief from such component supplier or manufacturer.

THE WARRANTY PROVIDED ABOVE SHALL BE THE SOLE WARRANTY PROVIDED TO BUYER BY SELLER. THE PARTIES AGREE THAT THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. ALL IMPLIED WARRANTIES INCLUDING THE WARRANTY OF MERCHANTABILITY AND WARRANTY FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED.