

# C-420NC

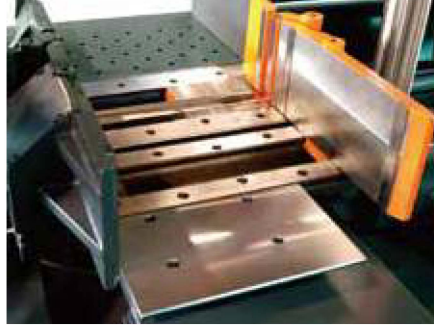


**S N C Smart Automatic Bandsaw**

The COSEN C-420NC, part of the Smart SNC-100 series, allows you to get all the benefits of digital control at a very low cost. The C-420NC can memorize up to 100 different jobs, which can all be of different length and quantity. It can compensate for the loss of thickness of your sawing material, completely eliminating the need for manual measuring. Other features of this machine are the automatic shutdown mode, an HMI display that shows the speed of your sawblade and life expectancy. The build-in error feedback system indicates when there is a problem. Whether it is cutting or in overhaul, it is easy to operate. Widely used in the cutting of round materials, round bars, round tubes, square tubes and various other materials, the COSEN SNC-100 series is the best way to pursue high productivity!



Easy to use control panel



Double retracting vises



Robust double columns

### SPECIFICATIONS

5.7" HMI Touch Screen  
Mitsubishi PLC  
Up to 100 individual jobs, each with different cutting length and quantity  
Automatic Kerf Compensation  
Automatic multiple hydraulic feeding - Up to 99M  
"Save-a-blade" function  
Quickly read the speed and life expectancy of the sawblade  
Rapid troubleshooting via error feedback system  
Automatic downfeed  
Automatic hydraulic blade tensioning  
Inverter-controlled infinitely variable blade speed  
Split front vise  
Scrape-free vise plates  
Full stroke hydraulic cylinder  
Vise Pressure Regulator  
Double Retracting Vise  
Chip Conveyor

Capacity Round	420 mm (16.5")
Capacity rectangle (H x W)	420 x 420 mm (16.5" x 16.5")
Blade speed	20 – 100 M/min
Blade size	4770 x 41 x 1.3 mm
(L x W x T)	(187.8" x 1.6" x 0.05")
Blade Tension	Hydraulic
Blade Motor	7.5 HP (5.6 kW) (7.5kW optional)
Hydraulic Motor	2 HP (1.5 kW)
✕Coolant Motor	1/4 HP (0.19 kW)
Automatic Indexing Length	Max. 999" ( 25 m )
Workbed Height	740 mm (29.1")
Gross Weight	2223 kg ( 490 lbs )
Floor Space	2719 x 2576 x 1802
(L x W x H)	( 107.04" x 1014" x 71" )

### OPTIONAL

Hydraulic top clamps      Laserline  
Blade deviation detector      Mist Spray Unit  
2M Heavy Duty Roller Table

**Real-time check the status of your machine, its components and sawblade?  
Go for Sawlogix!  
Scan the QR code for more information!**

**COSEN EMEA**



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