cosen

G320+

Smart NC Programmable Automatic Mass Production Band Saws

ISO 9001 certified

CE

DESIGN AWARD

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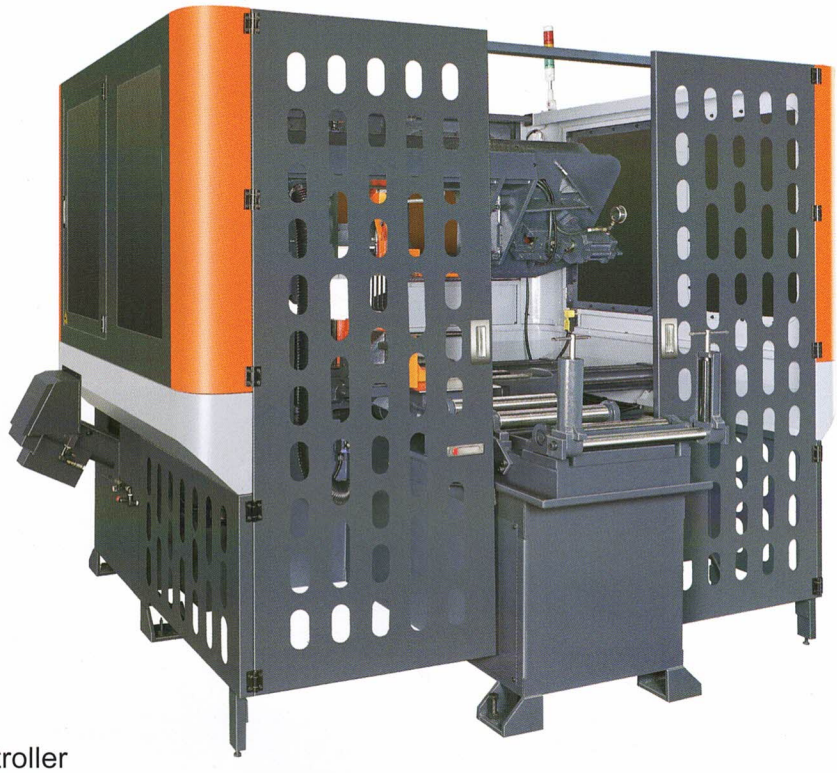
G320+ SMART NC Automatic Mass Production Band Saws

Cosen's G320+ is a rigid dual-column high production machine which incorporates a massive base, sturdy saw frame, with an extremely heavy duty gear box, a 5 HP (3.75 kW) drive motor, a user friendly programmable control and a modern new look ! The ***Smart NC-100 technology*** is programmable up to 100 different jobs including quantity and length of cut with ***Automatic Multiple Indexing & Automatic Kerf Compensation***. Cutting information such as blade speed, downfeed speed, cutting rate, blade life and error message is clearly displayed for ease of use.



Standard Features

- 7.0" HMI Touch Screen & Mitsubishi PLC Controller
- 100 Individual Jobs Can Be Programmed and Stored
- Automatic Kerf Compensation
- Full Stroke Hydraulic Cylinder
- Hydraulic Chip Conveyor
- "Save-a-Blade" Function
- Double Retracting Vises
- Scrape-free Vise Plates
- Split Front Vise
- Rapid Troubleshooting Via Error Feedback System
- Inverter-controlled Infinitely Variable Blade Speed
- Automatic Hydraulic Blade Tension Device
- Blade Height and Cutting Rate Display
- Blade Height Decoder
- Vibration Damper

Optional Accessories

- Hydraulic Top Clamp
- Vise Pressure Regulator
- Blade Deviation Detector
- 2M Heavy Duty Roller Table

Specification Cosen G320+

Capacity Round	325 mm (12.7")
Capacity Square	325 mm (12.7")
Capacity Rectangle (H x W)	325 x 380 mm (12.7" x 14.9")
Blade Speed	15-100 M/min (50-328 ft/min)
Blade Size	4240 x 34 x 1.1 mm (167" x 1¼" x 0.042")
Blade Tension	Hydraulic
Blade Motor	5 HP (3.7 kW)
Hydraulic Motor	1 HP (0.75 kW)
Coolant Motor	1/8 HP (0.09 kW)
Automatic Indexing Length	403 mm (15.8") Max. 99 meter (3897")
Rest Piece	50 mm (1.9")
Workbed Height	800 mm (31.4")
Net Weight	1830 kg (4034 lb)
Gross Weight	1930 kg (4254 lb)
Floor Space (L x W x H)	2237 x 2396 x 1848 mm (88" x 94" x 72")

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

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- **Cosen Taiwan** : No. 106-2, Ln. 175, Xinxi St., Zhubei City, Hsinchu County 30243
  +886-3-5519700 / www.cosen.com / service@cosen.com.tw / LINE ID : @cosen
- **Cosen North America** : 4527 Dwight Evans Road Charlotte, NC 28217
  info@cosensaws.com

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