

The most valuable machine for
automatic straight cuts

G320



**Smart NC Programmable Automatic
Mass Production Band Saws**

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..



Easy-to-use control panel



Front Vise pressure regulation for optimal clamping grip



Standard Features

- 5.7" HMI Touch Screen & Mitsubishi PLC Controller 100 individual jobs can be programmed and stored Automatic kerf compensation
- "Save-a-Blade" function
- Rapid troubleshooting via error feedback system
- Double retracting vises
- Scrape-free vise plates
- Full stroke hydraulic cylinder
- Split front vise
- Inverter-controlled infinitely variable blade speed
- Automatic hydraulic blade tension device Hydraulic
- Chip Conveyor
- Vibration Damper
- Blade Height Decoder
- Vise Pressure Regulator

Optional Accessories

- Hydraulic Top Clamp
- Blade Deviation Detector
- 2M Heavy Duty Roller Table
- Laserline
- Mist spray unit

Specification	COSEN G320
Capacity Round	325 mm (12.8")
Capacity Square	325 mm (12.8")
Capacity Rectangle (H x W)	325 x 380 mm (12.8" x 15")
Blade Speed	20 – 100 M/min
Blade Size	4240 x 34 x 1.1 mm (166.9" x 1.3" x 0.042")
Blade Tension	Hydraulic
Blade Motor	5 HP (3.75 kW)
Hydraulic Motor	1 HP (0.75 kW)
Coolant Motor	1/8 HP (0.1 kW)
Automatic Indexing Length	403 mm, Max. 99999 mm
Rest Piece	50 mm
Workbed Height	790 mm
Gross Weight	2200 kgs
Floor Space (W x L x H)	2420 x 2020 x 1670 mm

* Design and specifications are subject to change without notice & obligation.

* Machines may be shown with some options.



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