cosen

The most valuable machine for automatic straight cuts

G320

Smart NC Programmable Automatic Mass Production Band Saws

www.cosensaws.eu

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.