

C-TECH Series **C3**



**NC Automatic
Mass Production Band Saws**

C-TECH Series - C3

NC Programmable Automatic Mass Production Band Saw

Cosen's C tech series C3 incorporates a 5.6 kW powerful blade motor, 41 mm blade, facilitated control panel, and heavy-duty gantry design. These features create a very rigid, dynamically stable and productive machine. The linear guide ways ensure smooth saw frame movement and consistently stable cutting force required throughout the cutting cycle; thereby, increasing the cutting efficiency and extending blade life.



Standard Features

- 7" HMI Touch Screen & Mitsubishi PLC Controller
- 100 Individual Jobs Programmable and Recalling
- Automatic Kerf Compensation
- "Save-A-Blade" Function
- Instant Reading on Blade Speed and Cutting Rate
- Motor Ampere Display
- Blade Life, Blade Height Display
- First Automatic Cut
- Inverter-Controlled Infinitely Variable Blade Speed
- Saw Frame Travel via High Precision Linear Guide Way
- Automatic Guide Arm Positioning
- Vibration Damper
- Automatic Hydraulic Blade Tensioning
- Double Retracting Vises
- Split Front Vise
- Full Stroke Hydraulic Cylinder
- Vise Pressure Regulator

Optional Accessories

- Hydraulic Chip Conveyor
- Hydraulic Top Clamp
- 2M Heavy Duty Roller Table
- Blade Deviation Detector
- Exclusive COSEN Production Package incl. V_Drive & Planetary Gearbox
- Hydraulic Screw-Type Chip Conveyor
- Hydraulic Scraper-Type Chip Conveyor

Specification C-TECH C3

Capacity Round	360 mm (14.2")
Capacity Square	360 mm (14.2")
Capacity Rectangle (H x W)	360 x 400 mm (14.2"x15.7")
Blade Speed	20 – 100 M/min
Blade Size	4880 x 41 x 1.3 mm (192"x1.61"x0.051")
Blade Tension	Hydraulic
Blade Motor	7.5 HP (5.6 kW)
Hydraulic Motor	2 HP (1.5 kW)
Coolant Motor	1/8 HP (0.1 kW)
Automatic Indexing Length	500 mm, Max. 99999 mm
Rest Piece	50 mm
Workbed Height	836.5 mm
Gross Weight	2500 kg
Floor Space (W x L x H)	2800 x 2310 x 2015 mm

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



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