

More product features for you to enjoy

- Gantry design incorporating strong cross link
- Specially designed gearbox
- Heavy duty inverter blade drive
- Split front vise
- Double retracting vise jaws
- Guide arm moving in sync with vises
- Easy material clamping with full stroke cylinder vises
- Automatic work height sensor
- CE safety standard available
- Vibration damper enabling smooth cutting from small to large sized material

Optional Accessories

- Hydraulic chip conveyor
- Vise pressure regulator
- Hydraulic top clamps
- Prism vise
- V_Drive

Specifications

Model		C2	C3	C5
Capacity	Round	260 mm (10.2")	360 mm (14.2")	560 mm (22")
	Square	260 mm (10.2")	360 mm (14.2")	560 mm (22")
	Rectangular (H x W)	260x300 mm (10.2" x 13.4")	360x400 mm (14.2" x 15.7")	560x 600 mm (22" x 23.6")
Saw blade	Speed	20-100 m/min (66-330 fpm)	20-100 m/min (66-330 fpm)	20-100 m/min (66-330 fpm)
	Size (LxWxT)	4100 x 34 x 1.1 mm (161.4" x 1.33" x 0.042")	4880 x 41 x 1.3 mm (192" x 1.61" x 0.051")	6300 x 54 x 1.6 mm (20'8" x 2.1" x 0.063")
	Tension	Hydraulic	Hydraulic	Hydraulic
Motor output	Saw blade	5 HP (3.75 kw)	7.5 HP (5.62 kw)	10 HP (7.5 kw)
	Hydraulic	1 HP (0.75 kw)	2 HP (1.5 kw)	2 HP (1.5 kw)
	Coolant pump	1/8 HP (0.09 kw)	1/8 HP (0.09 kw)	1/4 HP (0.19 kw)
Tank capacity	Hydraulic	20 L (5.3 gal)	50 L (12.5 gal)	70 L (18.5 gal)
	Coolant	45 L (11.9 gal)	90 L (23.8 gal)	85 L (22.5 gal)
Vise	Control method	Hydraulic Full Stroke Cylinder , NC Automatic		
Feeding length	Mode	Hydraulic , NC Automatic		
	Single stroke	400 mm (15.7")	400 mm (15.7")	460 mm (18.1")
	Multi stroke	Max. 99 M (max. 999")	Max. 99 M (max. 999")	Max. 99 M (max. 999")
Workbed height		790 mm (31.1")	790 mm (31.1")	700 mm (27.5")
Gross weight		1700 kgs (3740 lbs)	2500 kgs (5500 lbs)	3900 kgs (8580 lbs)
Floor space (LxWxH)		2100 x 1780 x 1400 mm (82.7"x70"x55.1")	2100 x 2770 x 1800 mm (82.7"x109"x70.8")	4100 x 2200 x 2220 mm (161.4"x86.6"x87.4")

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

C-TECH Series C2 C3 C5

NC Fully Automatic Bandsaw



- ▶ Precise Design
- ▶ Fast Cutting Speed
- ▶ Rigid Construction



Introducing Cosen C-tech series with exclusive V_Drive technology

The ultimate cutting solution for your mass production needs has arrived! Enjoy these six advantages provided by Cosen's C-TECH series. Cut more! Cut better! For less!



5+1 advantages
you should **NOT** miss!!

1. Safe cutting

Thoughtfully covered with four-doorway access, the machine provides operators with all-around protection while maintaining maintenance jobs just as easy. Machine stops upon opened doors, ensuring operation safety at all time.

2. Automatic first cut

Machine automatically positions material for trim-cut. No more measuring required!

3. Convenient data reading

Besides blade life, blade speed and feed vise position, the C-TECH series utilizes blade height detector to provide instant reading on current cutting rate.

4. Simple intuitive controls

Simple intuitive HMI touch screen controls all machine operations, displays vital cutting info and provides troubleshooting assistance.

5. Smoothest saw frame feeding

The saw frame rides on linear guide ways, a design that allows for lowest friction and highest precision possible!

+ 6. Exclusive V_Drive design (option)

With Cosen's V_Drive, you can cut hard-to-cut materials like Titanium, Hastelloy and other metals at significantly increased rates. V_Drive saves you cutting time by 25~50% and at the same time improves blade life, reducing your tooling costs!



World-Class PLC

Utilizing top brand PLC, Cosen's C-TECH bandsaw allows you to program up to 100 different jobs including quantity and length of cut along with the following convenient features:

- HMI touch panel entry
- Automatic shutoff upon finished jobs, out of stock or blade breakage
- Automatic kerf loss compensation
- Numerically controlled multiple indexing
- Save-a-Blade feature
- Simplified error diagnostics
- Blade speed, blade life & feed vise position & blade height display
- Blade motor power display

