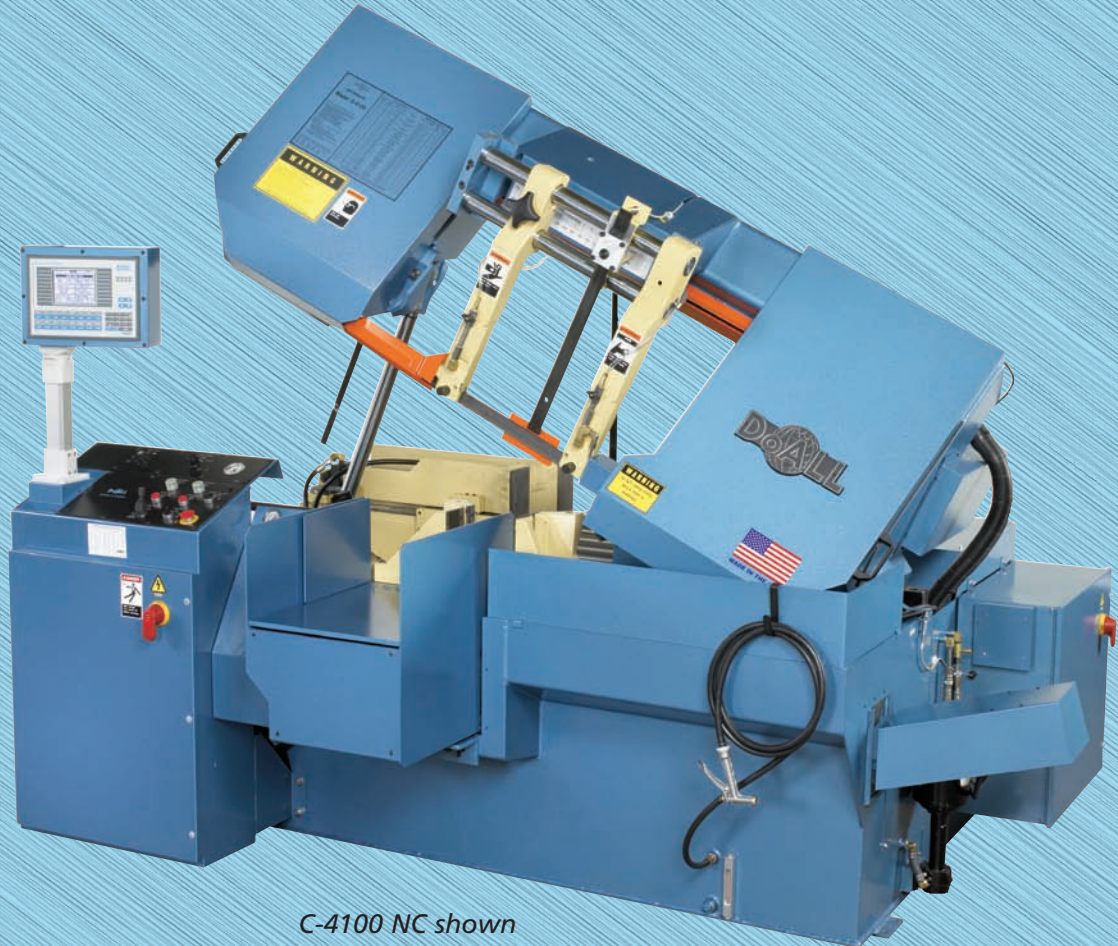




## SAWING PRODUCTS

*Solutions For All Your Sawing Needs*



*C-4100 NC shown*

- 16" (410mm) round cutting capacity
- 14" (355mm) square cutting capacity
- 14" high x 16" wide (355 x 410mm) rectangular cutting capacity
- 10 hp (7.5kw) band drive
- Manual, Automatic or NC controlled models available
- Infinitely variable band speeds from 40 to 360 fpm (12 to 110 mpm) controlled by AC inverter
- 1-1/2" x 186" (41 x 4,725mm) band saw blade
- 24" (610mm) single automatic index length (Models C-4100A and C-4100NC)

## C-4100 SERIES Production Power Saws

The C-4100 Series production power saws provide exceptionally high torque at low speeds for unmatched productivity and operating efficiency. They use 1-1/2" (41mm) bi-metal or tungsten carbide saw blades to provide superior beam strength and larger tooth gullet capacity. This permits removal of up to 30% more material and extends tool life.

C-4100 Series saws feature one-piece construction of the sawing and indexing sections. An underslung carriage on the indexing vise allows the workpiece to rest on roller conveyors instead of on the shuttle vise. Together, these features provide superior indexing accuracy throughout the life of the machine.

C-4100 series saws also incorporate a standard split front fixed vise that holds the workpiece on both sides of the blade as it passes through the material. This reduces burrs and allows the shuttle vise to index the materials closer to the saw blade, producing minimum butt ends and allowing the saw to run longer in the automatic cycle mode.





## SAWING PRODUCTS

# C-4100 SERIES Production Power Saws



Variable pressure adjustment of both fixed and index vises is standard. This permits sawing of tubing and other hollow, thin-wall materials without crushing or distorting.



Conveniently positioned NC control has alpha/numeric display to program up to 99 different jobs on C-4100 NC.



Control panels on C-4100A (shown) and C-4100M are located for operator convenience and provide easy control of machine features.

## Specifications

		C-4100M	C-4100A	C-4100NC
<b>Cutting Capacity</b>	Round	16" (410mm)	16" (410mm)	16" (410mm)
	Square	14" (355mm)	14" (355mm)	14" (355mm)
	Rectangular	14"H x 16"W (355 x 410mm)	14"H x 16"W (355 x 410mm)	14"H x 16"W (355 x 410mm)
	Smallest Diameter	1/2" (13mm)	1/2" (13mm)	1/2" (13mm)
<b>Automatic Index</b>	Single Length	—	24" (610mm)	24" (610mm)
	Multiple Length	—	192" (4,880mm)	999" (25,375mm)
	Min. Index Length	—	1/4" (6mm)	1/4" (6mm)
	Min. Butt End	—	3" (75mm)	3" (75mm)
<b>Numeric Control</b>	Program Capacity	—	—	99 jobs
	Display	—	—	Alpha / Numeric
<b>Band Saw Blade</b>		1-1/2" x 186" (41 x 4,725mm)	1-1/2" x 186" (41 x 4,725mm)	1-1/2" x 186" (41 x 4,725mm)
<b>Band Speed</b> (Inf. Variable)		40-360 fpm (12-110 mpm)	40-360 fpm (12-110 mpm)	40-360 fpm (12-110 mpm)
<b>Band Tension</b>		30,000 psi (207 mpa)	30,000 psi (207 mpa)	30,000 psi (207 mpa)
<b>Band Wheel Diameter</b>		21" (535mm)	21" (535mm)	21" (535mm)
<b>Electric Motor</b>	Band Drive	10hp (7.5kw)	10hp (7.5kw)	10hp (7.5kw)
	Hydr. System	2hp (1.5kw)	2hp (1.5kw)	2hp (1.5kw)
	Coolant Pump	1/10hp (.075kw)	1/10hp (.075kw)	1/10hp (.075kw)
<b>Hydraulic Tank Capacity</b>		10 gal (38 l)	10 gal (38 l)	10 gal (38 l)
<b>Coolant Tank Capacity</b>		20 gal (76 l)	20 gal (76 l)	20 gal (76 l)
<b>Material Pass Line Height</b>		30.5" (775mm)	30.5" (775mm)	30.5" (775mm)
<b>Machine Weight</b>		6,800 lbs (3,085kg)	6,800 lbs (3,085kg)	6,800 lbs (3,085kg)

## Standard Equipment

- Coolant Applied Through Saw Guides
- Powered Chip Conveyor
- Powered Band Brush
- Flushing Hose
- Discharge Tray
- Digital Band Speed Readout
- Rapid Approach Control
- Work Height Sensor
- Band Door Interlocks
- Job Selector
- Band Break Switch
- Minimum Bar End Vise
- Variable Vise Pressure Control
- Band Speed Control At Operator Panel
- Spring-Loaded, Zero Clearance, Carbide-Faced Saw Guide
- Guide Arm Lead-In Rollers

Plus many other features shown on individual model proposals

## Optional Accessories

- Work Light
- Nesting Fixture
- Band Twist Monitor
- 5' and 10' conveyors
- 5' Index Attachment (C-4100NC only)



## SAWING PRODUCTS

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