

CIRCULAR COLD SAWS



C350-2AV



STANDARD FEATURES

- Manually operated
- Heavy duty sawing head with manual movement on adjustable dual precision linear rails
- Robust sawing head miters 45° left and right, and 60° left
- Four blade speeds of 15,30,45, and 90 rpm
- Foot pedal control with emergency stop
- Pneumatic operating vise capable of sliding on dovetail to adjust with saw head mitered position
- Enclosed steel base with chip drawer and coolant tank
- Replaceable blade brush
- Ergonomically positioned control panel includes main disconnect and LED display for machine diagnostics
- Material work stop rod for multiple cuts of the same length
- Flood coolant with electrical coolant pump
- One blade included

OPTIONAL FEATURES

- “Flip over” material stops with 60” ruler
- R2 ruler extensions for outfeed roller tables
- K40 5’ roller table
- Roller table support stands (extra legs)
- Roller table adapter - required if ordering roller table for out feed



C350-2S



STANDARD FEATURES

- Semi-automatic operation
- Heavy duty sawing head with manual movement on adjustable dual precision linear rails
- Robust sawing head miters 45° left and right, and 60° right
- Four blade speeds of 15,30,45, and 90 rpm
- Anti-burr clamp with double locking system
- Vertical pneumatic vise
- Pneumatic horizontal operating vise capable of sliding on dovetail to adjust with saw head mitered position
- Enclosed steel base with chip drawer and coolant tank
- Replaceable blade brush
- Ergonomically positioned control panel includes main disconnect, programmable sawing stroke, saw head feed rate control, and LED display for machine diagnostics
- Adjustable material stop with ruler
- Flood coolant with electrical coolant pump and wash down hose
- One blade included

OPTIONAL FEATURES

- Foot pedal control with emergency stop
- Second pneumatic horizontal operating vise
- Mist lubrication system
- K40 5' roller table
- "Flip over" material stops with 60" ruler
- R2 ruler extensions for outfeed roller tables
- Roller table support stands (extra legs)
- Roller table adapter - required if ordering roller table for out feed
- HSS Oxide Coated Blade



C350-2CNC

STANDARD FEATURES

- Automatic operation
- Feed rate control dial
- Shuttle features automatic multi-indexing up to 23" in a single stroke with automatic kerf compensation. Powered by ball screw and stepper motor.
- Heavy duty sawing head with manual movement on adjustable dual precision linear rails
- Robust sawing head miters 45° left and right, and 60° left
- Variable blade speeds of 15 to 90 rpm
- Anti-burr clamp with double locking system
- Vertical pneumatic vise
- Pneumatic operating vise capable of sliding on dovetail to adjust with saw head mitered position
- Enclosed steel base with chip drawer and coolant tank
- Replaceable blade brush

- Ergonomically positioned control panel includes main disconnect, programmable sawing stroke, digital display indicates machine diagnostics and operations such as blade speed and cutting time. Store up to 99 jobs.
- Flood coolant with electrical coolant pump
- Wash down hose
- One blade included

OPTIONAL FEATURES

- Second pneumatic horizontal operating vise
- Mist lubrication system
- K40 5' roller table
- Roller table support stands (extra legs)
- "Flip over" material stops with 60" ruler
- R2 ruler extensions for outfeed roller tables
- Roller table adapter - required if ordering roller table for out feed
- HSS Oxide Coated Blade

C370-2SI



STANDARD FEATURES

- Semi-automatic operation
- Heavy duty gear box coupled directly to saw makeup the robust saw head with manual movement on adjustable dual precision linear rails
- Robust sawing head miters 45° left and right, and 60° left
- Infinitely variable blade speed from 15-150 rpm
- Anti-burr clamp with double locking system
- Vertical pneumatic vise
- Pneumatic operating vise capable of sliding on dovetail to adjust with saw head mitered position
- Enclosed steel base with chip drawer and coolant tank
- Replaceable blade brush
- Ergonomically positioned control panel includes main disconnect, programmable sawing stroke, saw head feed rate control, and LED display for machine diagnostics
- Adjustable material stop with ruler
- Flood coolant with electrical coolant pump
- One blade included

OPTIONAL FEATURES

- Foot pedal control with emergency stop

- Second pneumatic horizontal operating vise
- Mist lubrication system
- K40 5' roller table
- "Flip over" material stops with 60" ruler
- R2 ruler extensions for out feed roller tables
- Roller table support stands (extra legs)
- Roller table adapter - required if ordering roller table for out feed
- HSS Oxide Coated Blade



C370-2CNC



STANDARD FEATURES

- Automatic operation with semi-automatic mode
- Shuttle features automatic multi-indexing up to 40" in a single stroke with automatic kerf compensation. Powered by ball screw and stepper motor.
- Shuttle feed carriage designed with side movement to help feed and center deformed parts.
- Variable speed drive from 15 to 150 rpm's for the best cutting efficiency
- Vertical pneumatic vise
- Extended jaws allow for short remnant
- Heavy duty sawing head movement controlled by electro mechanic cylinder. Head moves on adjustable dual precision linear rails
- Robust sawing head miters 45° left and right, and 60° left
- 7.5 HP blade drive coupled directly to saw head guarantees high rigidity and precision to obtain high chip removal rates.

- Pneumatic operating vise capable of sliding on dovetail to adjust with saw head mitered position
- Enclosed steel base with chip drawer and coolant tank
- Replaceable blade brush
- Ergonomically positioned control panel includes emergency stop, programming console, digital display for machine diagnostics, as well as cutting parameters: blade speed, cut time, and cut quantity. Store up to 32 jobs.
- Flood coolant system with electrical coolant pump
- One blade included

OPTIONAL FEATURES

- Automatic mitering
- CB6001 automatic incline loading table
- Second pneumatic horizontal operating vise
- Automatic chip conveyor
- Mist lubrication system



CNF400CNC

STANDARD FEATURES

- Automatic operation
- Shuttle features automatic multi-indexing up to 40" in a single stroke with automatic kerf compensation. Powered by ball screw and stepper motor.
- Head stroke is set directly from control panel
- Two blade speeds achieve speeds of 1700 or 3400 rpm
- Warning indicator with flashing light in case cycle stops
- Pneumatic vertical vise
- Robust sawing head miters 45° left and right, and 60° left
- Heavy duty sawing head movement controlled by pneumatic cylinder. Head moves on adjustable dual precision linear rails
- 6 HP blade drive coupled directly to saw head guarantees high rigidity and precision to obtain high chip removal rates.
- Pneumatic horizontal operating vise capable of sliding on dovetail to adjust with saw head mitered position

- Enclosed steel base coolant tank
- Replaceable blade brush
- Ergonomically positioned control panel includes emergency stop, programming console, digital display for machine diagnostics, as well as cutting parameters: blade speed, cut time, and cut quantity. Store up to 32 jobs.
- Automatic mist lubrication activates during the cut

OPTIONAL FEATURES

- Automatic mitering
- CB6001 automatic incline loading table
- Foot pedal with e- stop
- T2500 chip collector
- Double suction system
- Short remnant

SPECIFICATIONS

		C350-2AV	C350-2S	C350-2CNC
Round Hollow	90°	4 1/2" / 114 mm	4 1/2" / 114 mm	4 1/2" / 114 mm
Square Hollow	90°	3 3/4" / 95 mm	3 3/4" / 95 mm	3 3/4" / 95 mm
Rectangular Hollow (hxl)	90°	7" x 3 3/4" / 178 mm x 95 mm	7" x 3 3/4" / 178 mm x 95 mm	7" x 3 3/4" / 178 mm x 95 mm
Blade Drive		3 HP / 2.2 kW	3 HP / 2.2 kW	3.5 HP / 2.6 kW
Blade Speed		15/30/45/90 rpm / 900/1800/2700/5400 rph	15/30/45/90 rpm / 900/1800/2700/5400 rph	15-90 rpm
Blade Size		Max. 14" Min. 12" / Max. 355 mm Min. 305 mm	Max. 14" Min. 12" / Max. 355 mm Min. 305 mm	Max. 14" Min. 12" / Max. 355 mm Min. 305 mm
Weight		827 lbs. / 375 kg	827 lbs. / 375 kg	2,332 lbs. / 1,058 kg
Dimensions	Width	47" / 1194 mm	47" / 1194 mm	84" / 2133 mm
	Length	37" / 940 mm	37" / 940 mm	47" / 1194 mm
	Height	80" / 2032 mm	80" / 2032 mm	79" / 2006 mm
		C370-2SI	C370-2CNC	CNF400CNC
Round Hollow	90°	4 3/4" / 121 mm	4 3/4" / 121 mm	5" / 127 mm
Square Hollow	90°	4 1/5" / 110 mm	4 1/4" / 108 mm	4 3/4" / 121 mm
Rectangular Hollow	90°	7" x 3 3/4" / 178 mm x 95 mm	7" x 4" / 178 mm x 101 mm	7" x 4" / 178 mm x 101 mm
Blade Drive		7.5 HP / 5.5 kW	7.5 HP / 5.5 kW	6 HP / 4.4 kW
Blade Speed		15-150 rpm	15-150 rpm	1700 and 3400 rpm
Blade Size		Max. 14.5" Min. 12" / Max. 368 mm Min. 305 mm	Max. 14.5" Min. 13.78" / Max. 368 mm Min. 350 mm	Max. 15.5" / Max. 394 mm
Weight		1,408 lbs. / 639 kg	2,350 lbs. / 1,066 kg	2,350 lbs. / 1,066 kg
Dimensions	Width	57" / 1448 mm	97" / 2464 mm	97" / 2464 mm
	Length	45" / 1143 mm	69" / 1752 mm	70" / 1778 mm
	Height	75" / 1905 mm	75" / 1905 mm	75" / 1905 mm

In line with HYDMECH's policy of on-going product improvement, we reserve the right to modify features and specifications.



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Dealer Information: