

Horizontal

NC Touch Screen Controller



Operates the automatic cycle and allows for manual operation. Job part length and quantity is entered through the interface touch screen. Up to 100 different jobs can be entered into the PLC memory, and a job queue function allows up to 20 jobs to be picked from the memory, and run consecutively. The automatic run sequence can be set so that the machine automatically pauses after the first cut between jobs in queue in order to allow for a first off inspection prior to proceeding with the rest of the job. A wide variety of languages can be chosen for message screen display.

Available in any major language, the digital display features:

- Blade tension, speed, feed rate, cutting pressure
- actual position of the blade above the table surface (head height)
- a cut timer
- maximum blade motor current consumption, and actual blade motor current consumption which is useful in determining how hard the machine is working.

Specifications

		H-11A		H-14A	
Capacity 90°	Rectangular (w x h)	11" x 13 1/2"	280 mm x 342 mm	14" x 14"	355 mm x 355 mm
	Round	11"	280 mm	14"	355 mm
	Square	11"	280 mm	14"	355 mm
Blade Dimensions		1 1/4" x 14'9"	32 mm x 4496 mm	1 1/4" x 15' 2"	32 mm x 4623 mm
Blade Drive		6 HP VFD	4.5 kW VFD	8.8 HP VFD	6.6 kW VFD
Blade Speed		49-380 sfm	15-115 m/min	49-380 SFM	15-115 m/min
Hydraulic Drive		1.7 HP	1.3 kW	1.7 HP	1.3 kW
Hydraulic Tank Capacity		10.5 US gal	40 L	22 US gal	83 L
Coolant Tank Capacity		50 US gal	189 L	50 US gal	189 L
Shuttle Stroke - Multi-indexing		0-16"	0-406 mm	0-24"	0-610 mm
Remnant Length		1.5"	38 mm	4.7"	119 mm
Machine Weight		5070 lbs	3000 kg	6172 lbs	2800 kg
Workload		4700 lbs	2132 kg	5000 lbs	2268 kg
Table Height		34"	859 mm	34"	838 mm
Dimensions	Width	102"	2590 mm	88"	2235 mm
	Length	73"	1854 mm	63"	1600 mm
	Height	78"	1981 mm	78"	1981 mm

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

Dealer Information:



Call: 877-276-SAWS
Visit: www.HYDMECH.com

Horizontal Band Saws

H-11A & H-14A



H-11A

STANDARD FEATURES:

- Heavy duty cast iron saw head
- Spilt front vise allows for short 1.5" remnant length
- Cast iron shuttle features automatic multi-indexing up to 16" in a single stroke. Powered by ball screw and stepper motor.
- On-demand hydraulics
- Cast iron guide arms mounted on linear rails. Hydraulically powered idler side guide arm is adjustable for proper spacing.
- 6 HP VFD. True direct blade drive – no belts/pulleys
- Full capacity, full stroking hydraulic vises
- Hydraulic positive down feed
- Blade chamber separates material from cut part
- Cast iron band wheels
- Automatic PLC, touch screen control programmable up to 100 jobs with 20 in queue.
- Replaceable blade brush
- Robust steel base
- Automatic chip removal auger
- Easy access electrical panel and hydraulics
- Blade breakage switch
- Blade deviation monitor
- Designed for safety with saw-in-a-box style
- Out of stock switch
- Mechanical band tensioning with digital readout
- Replaceable carbide guide inserts
- Safety door interlocks
- Flood coolant with wash down hose

STANDARD FEATURES:

- Laser light
- Work light

OPTIONS:

- Full capacity hydraulic overhead bundling* increases remnant length
- Mist lubrication system
- Short remnant
- Variable vise pressure
- Vertical roller
- Conveyors, 5' & 10' lengths

WARRANTY:

- Two year parts, One year labour



H-14A

STANDARD FEATURES:

- Full capacity, full stroking hydraulic vises
- Hydraulic positive down feed
- Blade chamber separates material from cut part
- Cast iron band wheels
- Swing away automatic PLC, touch screen control programmable up to 100 jobs with 20 in queue.
- Replaceable blade brush
- Robust steel base
- Automatic chip removal conveyor
- Easy access electrical panel and hydraulics
- Blade breakage switch Blade deviation monitor
- Designed for safety with saw-in-a-box style
- Out of stock switch
- Electronic band tensioning with digital readout
- Replaceable carbide guide inserts
- Safety door interlocks
- Flood coolant with wash down hose
- Laser light
- Work light

OPTIONS:

- Full capacity hydraulic overhead bundling *increases remnant length
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The completely redesigned HYDMECH H-14A band saw features:

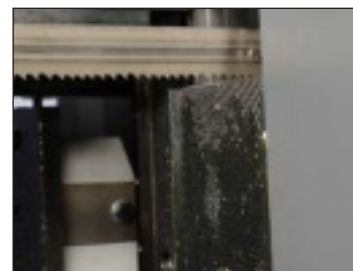
- Rigid cast head, column, and base reduces vibration and provides the lowest decibel sound in the industry
- Designed for high production cutting with a carbide tipped blade
- Enclosed design for superior safety
- On demand hydraulics, using 66% less energy than competing models
- Chip conveyor for efficient, high volume chip removal
- Split front vise with short remnant

STANDARD FEATURES:

- Heavy duty cast iron saw head
- Spilt front vise allows for short 4.7" remnant length
- Cast iron shuttle features automatic multi-indexing up to 24" in a single stroke with automatic kerf compensation. Powered by ball screw and stepper motor.
- On-demand hydraulics
- Cast iron guide arms mounted on linear rails. Hydraulically powered idler side guide arm is adjustable for proper spacing.
- 8.8 HP VFD. True direct blade drive – no belts/pulleys

Split Front Vise

Provides material clamping on both sides of the blade resulting in short material remnant length during automatic operation.



NC Touch Screen Control

Store up to 100 jobs with 20 in queue. Operates both manual and automatic cycles. Choose from a variety of languages.



Electrically Driven Chip Auger

Built into the base, an auger screw pulls chips and discharges them out the side of the machine.



Cast Iron Head and Wheels

Heavy-duty, cast iron head and wheels provides durability, stiffness, and reduces vibration while cutting.



Note: Photos may show optional equipment.

NC Touch Screen Control

Conveniently position controller using swing arm.



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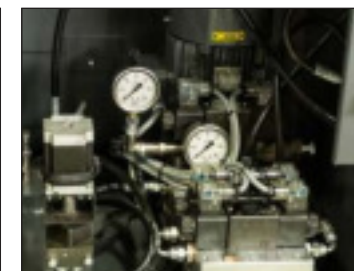
Operator Control Box

Heavy duty shuttle vise powered by a ball screw and stepper motor provides material indexing up to 24" in a single stroke



On-Demand Hydraulic System

A 2 HP on-demand hydraulic pump provides system pressure to control all vises and head up/down movement.



Chip Conveyor

Automatic chip conveyor removes chips with ease. Built in safety clutch and reverse button.

