

H-230A

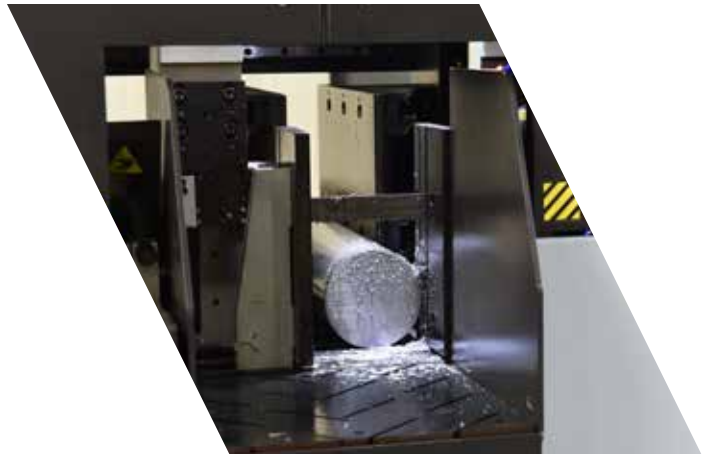
SPLIT FRONT VISE

Provides material clamping on both sides of the blade resulting in short 4" material remnant length during automatic operation.



AUTOMATIC PLC CONTROL

Windows touch screen controller operates the automatic cycle but allows for manual operation as well. A variety of languages can be chosen for message screen display.



Photos may show optional equipment.



STANDARD FEATURES

- Heavy duty cast iron saw head
- Split front vise allows for short 4" remnant length
- Cast iron shuttle features automatic multi-indexing up to 19" in a single stroke with automatic kerf compensation. Powered by ball screw and stepper motor.
- On-demand hydraulics
- Steel guide arms. The idler side guide arm is mechanically connected to the front vise moveable jaw for proper guide arm spacing at all times.
- Variable vise pressure
- 3 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 20 jobs with 5 in queue
- Replaceable blade brush
- Robust steel base
- Automatic chip removal auger
- Blade breakage switch
- Easy access electrical panel and hydraulics
- 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
- Laser light & Work light
- Vertical rollers

OPTIONAL FEATURES

- Full capacity hydraulic OH bundling
- Mist lubrication
- Idler & powered conveyors

SPECIFICATIONS

		H-230A	H-320A	H-14A	H-18A
Rectangular Capacity (h x w)	90°	9" x 9" / 228 mm x 228 mm	12 1/2" x 12 1/2" / 318 mm x 318 mm	14" x 14" / 357 mm x 357 mm	18" x 18"
Round Capacity	90°	9" / 228 mm	12 1/2" / 318 mm	14" / 357 mm	18"
Blade Drive		3 HP VFD / 2.2 kW VFD	6 HP VFD / 4.4 kW VFD	8.8 HP VFD / 6.5 kW VFD	10 HP VFD / 7.4 kW VFD
Blade Speed		50-350 SFM / 15-107 MPM	49-380 SFM / 15-116 MPM	49-380 SFM / 15-116 MPM	50-350 SFM / 15-107 MPM
Blade Size		1" x 9' 8" / 25.4 mm x 2946 mm	1 1/4" x 14' 9" / 31.7 mm x 4496 mm	1 1/4" x 15' 2" / 31.7 mm x 4623 mm	1 1/2" x 19' 2" / 38.1 mm x 5842 mm
Automatic Multi-Indexing		0-19" / 0-482 mm	0-23" / 0-584 mm	0-24" / 0-600 mm	0-34" / 0-863 mm
Table Height		35" / 889 mm	34" / 864 mm	34" / 863 mm	31" / 787 mm
Voltages Available		240 or 480 v (208, 575 v opt.)	240 or 480 v (208, 575 v opt.)	240 or 480 v (208, 575 v opt.)	208, 240, 480, 575 v
Weight		2,200 lbs. / 998 kg	4,400 lbs. / 1996 kg	6,172 lbs. / 2799 kg	8,500 lbs. / 3855 kg
Dimensions	Width	61" / 1549 mm	106" / 2692 mm	88" / 2235 mm	127" / 3225 mm
	Length	63" / 1600 mm	71" / 1803 mm	63" / 1600 mm	88" / 2235 mm
	Height	67" / 1702 mm	80" / 2032 mm	78" / 1981 mm	92" / 2336 mm
		H-22A	H-28A	H-32A	H-26/44
Rectangular Capacity (h x w)	90°	22" x 22" / 559 mm x 559 mm Canted: 20" x 22" / Canted: 508 mm x 559 mm	28" x 28" / 711 mm x 711 mm Canted: 24" x 28" / Canted: 610 mm x 711 mm	32" x 32" / 813 mm x 813 mm Canted: 28" x 32" / Canted: 711 mm x 813 mm	26" x 44" / 660 mm x 1118 mm
Round Capacity	90°	22" / 559 mm Canted: 20" / Canted: 508 mm	28" / 711 mm Canted: 24" / Canted: 610 mm	32" / 813 mm Canted: 28" / Canted: 711 mm	29" / 734 mm
Blade Drive		10 HP VFD / 7.4 kW VFD	10 HP VFD / 7.4 kW VFD	20 HP VFD / 14.7 kW VFD	20 HP VFD / 14.7 kW VFD
Blade Speed		40-300 SFM / 12-91 MPM	40-300 SFM / 12-91 MPM	40-300 SFM / 12-91 MPM	75-300 SFM / 23-91 MPM
Blade Size		2" x 22' 6" / 50.8 mm x 6858 mm	2" x 25' / 50.8 mm x 7620 mm	2 5/8" x 30' 4" / 66.7 mm x 9245.6 mm	2 5/8" x 33' / 66.7 mm x 10058.4 mm
Automatic Multi-Indexing		0-34" / 0-864 mm	0-34" / 0-864 mm	0-34" / 0-864 mm	n/a
Table Height		31" Canted: 35" / 787 mm Canted: 889 mm	31" Canted: 37" / 787 mm Canted: 940 mm	31" Canted: 37" / 787 mm Canted: 940 mm	38" / 965 mm
Voltages Available		208, 240, 480, 575 v	480 v (208, 240, 575*)	480 v (208, 240, 575*)	480 v (208, 240, 575*)
Weight		12,500 lbs. / 5670 kg	18,000 lbs. / 8165 kg	19,500 lbs. / 8845 kg	21,000 lbs. / 9525 kg
Dimensions	Width	141" / 3581 mm	161" / 4089 mm	182" / 4623 mm	217" / 5512 mm
	Length	88" / 2235 mm	92" / 2337 mm	92" / 2337 mm	82" / 2083 mm
	Height	92" / 2337 mm	120" / 3048 mm	120" / 3048 mm	137" / 3480 mm
		H-40/40	H-40/65	H-40/80	
Rectangular Capacity (h x w)	90°	40" x 40" / 1016 mm x 1016 mm	40" x 65" / 1016 mm x 1651 mm	40" x 80"	*Transformer supplied at no charge
Round Capacity	90°	40" / 1016 mm	40" / 1016 mm	40" / 1016 mm	The following models are available with a long bar feed:
Blade Drive		20 HP VFD / 14.7 kW VFD	20 HP VFD / 14.7 kW VFD	20 HP VFD / 14.7 kW VFD	
Blade Speed		45-225 SFM / 14-69 MPM	45-225 SFM / 14-69 MPM	45-225 SFM / 14-69 MPM	
Blade Size		3" x 37' / 76.2 mm x 11277.6 mm	3" x 40' 4" / 76.2 mm x 12293.6 mm	3" x 43' 10" / 76.2 mm x 13360.4 mm	
Table Height		27" / 686 mm	27" / 686 mm	27" / 686 mm	
Voltages Available		480 v (208, 240, 575*)	480 v (208, 240, 575*)	480 v (208, 240, 575*)	
Weight		42,000 lbs. / 19,051 kg	45,000 lbs. / 19,051 kg	52,000 lbs. / 23,587 kg	
Dimensions	Width	215" / 5461 mm	235" / 5969 mm	255" / 6477 mm	
	Length	102" / 2591 mm	102" / 2591 mm	102" / 2591 mm	
	Height	145" / 3683 mm	145" / 3683 mm	145" / 3683 mm	

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