

# SOLUTION

## HORIZONTAL BILLET STYLE

H550EII • H1000II • H1300II • H1600II • H2116II



The Vision of Precision



# PRODUCT SPECIFICATIONS & DIMENSIONS

## DYNASAW SERIES

	H550EII	H1000II	H1300II	H1600II & H2116II
<b>Round Capacity</b>	7.87"-18.90" (200-480 mm)	15.7"-40" (400-1000 mm)	22.4-52" (570-1300 mm)	23.62"-63" (600-1600 mm)
<b>Rectangle Capacity (W x H)</b>	21.65" x 18.90" (550 x 480 mm)	15.7" x 15.7" - 44" x 40" (400 x 400-1100 x 1000 mm)	23.6" x 23.6" - 52" x 52" (600 x 600-1300 x 1300 mm)	H1600II: 63" x 63" (1600 x 1600 mm) H2116II: 23.62" x 23.62"-82.68" x 63" (600 x 600 mm-2100 x 1600 mm)
<b>Work Load Capacity</b>	4,409 lb (2,000 kg)	33,069 lb (15,000 kg)	37,487 lb (17,000 kg)	88,200 lb (40,000 kg)
<b>Blade Size (L x T x W)</b>	16' x 0.050" x 1.5" (4880 x 1.3 x 41 mm)	36'5" x 0.063" x 3" (11100 x 1.6 x 80 mm)	40'4" x 0.063" x 3" (12,300 x 1.6 x 80 mm)	H1600II: 50'10" x 0.063" x 3" (15500 x 1.6 x 80 mm) H2116II: 54'2" x 0.063" x 3" (16500 x 1.6 x 80 mm)
<b>Blade Speed</b>	56, 82, 115, 148, 180, 213, 246 ft/min (7, 25, 35, 45, 55, 65, 75 m/min)	50-246 ft/min, by inverter (15-75 m/min, by inverter)	50-230 ft/min, by inverter (15-70 m/min, by inverter)	39.4-196.8 ft/min, by inverter (12-60 m/min, by inverter)
<b>Blade Motor</b>	7.5 HP (5.5 kW)	15 HP (11 kW)	20 HP (15 kW)	20 HP (15 kW)
<b>Hydraulic Pump Motor</b>	2 HP (1.5 kW)	5 HP (3.7 kW)	5 HP (3.7 kW)	7.5 HP (5.5 kW)
<b>Cutting Fluid Pump Motor</b>	1/2 HP (0.4 kW)	1/4 HP (0.2 kW)	1/2 HP (0.4 kW)	H1600II: 1/2 HP (0.4 kW) H2116II: 1/4 HP (0.2 kW)
<b>Power Requirement</b>	10 kVA AC220V±10%, 3 PH, 60 Hz All Other Voltages Require Transformer	20 kVA AC220V±10%, 3 PH, 60 Hz All Other Voltages Require Transformer	28 kVA AC220V±10%, 3 PH, 60 Hz All Other Voltages Require Transformer	H1600II: 35 kVA; H2116II: 32kVA AC220V±10%, 3 PH, 60 Hz All Other Voltages Require Transformer
<b>Machine Dimension Head Up Position</b>	107.2" x 72.8" x 80.9" (2723 x 1850 x 2055 mm)	213.3" x 130.7" x 150.6" (5417 x 3321 x 3824 mm)	220.4" x 171.6" x 160.8" (5597 x 4360 x 4084 mm)	H1600II: 291.6" x 192.7" x 208.9" (7407 x 4895 x 5307 mm) H2116II: 311.5" x 190" x 207.7" (7912 x 4810 x 5276 mm)
<b>Machine Dimension Head Down Position</b>	107.2" x 72.8" x 68.7" (2723 x 1850 x 1745 mm)	213.3" x 130.7" x 121.1" (5417 x 3321 x 3075 mm)	220.4" x 171.6" x 136.9" (5597 x 4360 x 3479 mm)	H1600II: 291.6" x 192.7" x 169.8" (7407 x 4895 x 4314 mm) H2116II: 311.5" x 190" x 169.8" (7912 x 4810 x 4314 mm)
<b>Table Height (Above Floor)</b>	26.7" (675 mm)	33.5" (850 mm)	27.5" (700 mm)	H1600II: 31.9" (810 mm); H2116II: 32.5" (825 mm)
<b>Machine Weight</b>	4,629 lb (2,100 kg)	30,800 lb (14,000 kg)	40,790 lb (18,500 kg)	66,200 lb (30,000 kg)

### STANDARD FEATURES

- CHIP CONVEYOR
- MOTION DETECTOR
- LIGHT BEAM MARKING UNIT
- VARIABLE BLADE SPEED DRIVE
- BLADE DEVIATION MONITOR
- CUTTING DEPTH CONTROL
- BLADE HOUR METER (H550EII)
- CUTTING RATE DISPLAY (H550EII)
- REMOTE BLADE GUIDE CONTROL (H550EII)
- WHEEL COVER LIMIT SWITCH (H550EII)
- CNC LITE CUTTING CONTROL (H1000II, H1300II, H1600II, H2116II)
- OUTBOARD VISE (H1000II, H1300II, H1600II, H2116II)
- VIBRATION PREVENT ROLLER (H1000II, H1300II, H1600II, H2116II)
- QUICK APPROACH (H1000II, H1300II, H1600II, H2116II)
- SUB CONTROL BOX (H1000II, H1300II, H1600II, H2116II)

### OPTIONAL FEATURES

- BEACON (H550EII)
- HYDRAULIC ROLLER TABLE (H550EII)
- IDLER ROLLER TABLE (H550EII)
- VERTICAL CLAMP (H550EII)
- VISE PRESSURE CONTROL VALVE (H550EII)
- FREE ROLLER TABLE 6FT (H1000II)
- POWER ROLLER TABLE 6FT (H1000II)
- TABLE STROKE 2500MM SPEC. (H2116II)

Specifications may change without notice at the sole discretion of Amada's Engineering Department.



**⚠** Before using this product, please read the operator's manual carefully and follow all applicable instructions.  
• When using our products, safety equipment is required depending on the operational task.

\* Specifications, appearance and equipment are subject to change without notice by reason of improvement.  
\* Please use the machine model name as H550EII, H1000II, H1300II, H1600II or H2116II, when applying for administration applications.  
\* For any inquires, please contact local Amada Machinery America, Inc. office.

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