JLH

Since 1983

COLUMN TYPE HEAVY-DUTY FULLY AUTOMATIC BANDSAW

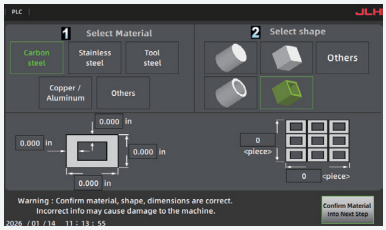
H-420PRO



Innovating the Future of Sawing

JLH

Since 1983





Saw Master

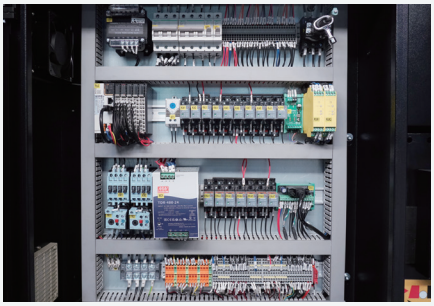
Equipped with the all-new SawMaster V2.1 operating system, the machine is designed for effortless operation—even for first-time users.

The guided HMI interface, combined with adaptive AI intelligence, delivers cutting efficiency and per-blade cost performance comparable to that of an application engineer with over 10 years of experience.

Compared to the previous-generation operating system, overall cutting efficiency is increased by over 30%, while blade life is extended by more than 30%, significantly reducing total operating costs.

In addition, the machine is equipped with JLH's self-developed EHA ultra-precision electro-hydraulic feed control system, providing highly stable and accurate feed control. This ensures consistent, reliable performance when cutting a wide range of difficult-to-cut materials.







Cutting Capacity (Round)	Ø420 mm	Ø16.5 in
Cutting Capacity (Square W × H)	420 × 420 mm	16.5 × 16.5 in
Smallest Size to be Cut	10 × 10 mm	0.4 × 0.4 in
Clamping Range	0 – 420 mm	0 – 16.5 in
Bundle Cutting Range	160 × 130 – 260 × 160 mm	6.3 × 5.1 – 10.2 × 6.3 in
Shortest Cut-off Length	5 mm	0.2 in
Shortest Remnant Length (Automatic)*	190 mm	7.48 in
Shortest Remnant Length (Single Cut)	20 mm	0.8 in
Length	2220 mm	87.4 in
Width (Including Chip Conveyor)	3050 mm	120.1 in
Height	2100 mm	82.7 in
Material Support Height	860 mm	33.85 in
Total Weight	≈ 2850 kg	≈ 6283 lb
Total Connected Load	9.5 kW	12.67 hp
Saw Motor Power	7.5 kW	10 hp
Hydraulic Motor Power	1.5 kW	2 hp
Cutting Speed (Infinitely Variable)	20 – 80 m/min	65.6 – 262.4 ft/min
Saw Feed Speed	1 – 300 mm/min	0.04 – 11.8 in/min
Automatic Material Feed Length (Single)	500 mm	19.69 in
Automatic Material Feed Length (Multiple)	9999 mm	393.66 in
Saw Blade Dimensions (L × W × T)	5150 × 41 × 1.3 mm	202.76 × 1.6 × 0.05 in

* Due to the continuous improvement and research of our company, the above specifications, dimensions, design features and configurations are based on the actual quotation content.

Standard Optional

- CE safety protection
- Saw Master
- CE Electrical Safety
- Permanent Magnetic synch. Motor
- Sawbow anti-collision detection
- LED working light
- Blade breakage detection
- HMI+Buttons
- Inverter
- Hydraulic Blade tension
- Vise pressure differential valves
- Automatic chip conveyor (spiral)
- Vise pressure regulator
- Motorized chip brush
- Top clamp
- Hydraulic cooling fan
- Roller type work table
- Hydraulic driven
- Main drive precision gear reducer
- Split Vise clamping
- Manual movable Guide arm
- Chip collection box 40(L)
- Tool box (wire brush, levelling pads)
- One piece Saw blade

Optional

- UL Electrical Safety
- Laser line projection
- Sawing Depth Control
- Deviation detector
- Hydraulic blade guide clamping
- Auto Lubrication device
- Servo driven
- Hydraulic movable Guide arm
- Chip collection box (movable) 70 (L)
- Transport underframe for containers