



AMSAW® H-SERIES BILLET SAW

HEAVY DUTY SAW SYSTEM ENGINEERED FOR MAXIMUM PRODUCTIVITY AND RELIABILITY



CARBIDE SAW PIONEERS SINCE 1969

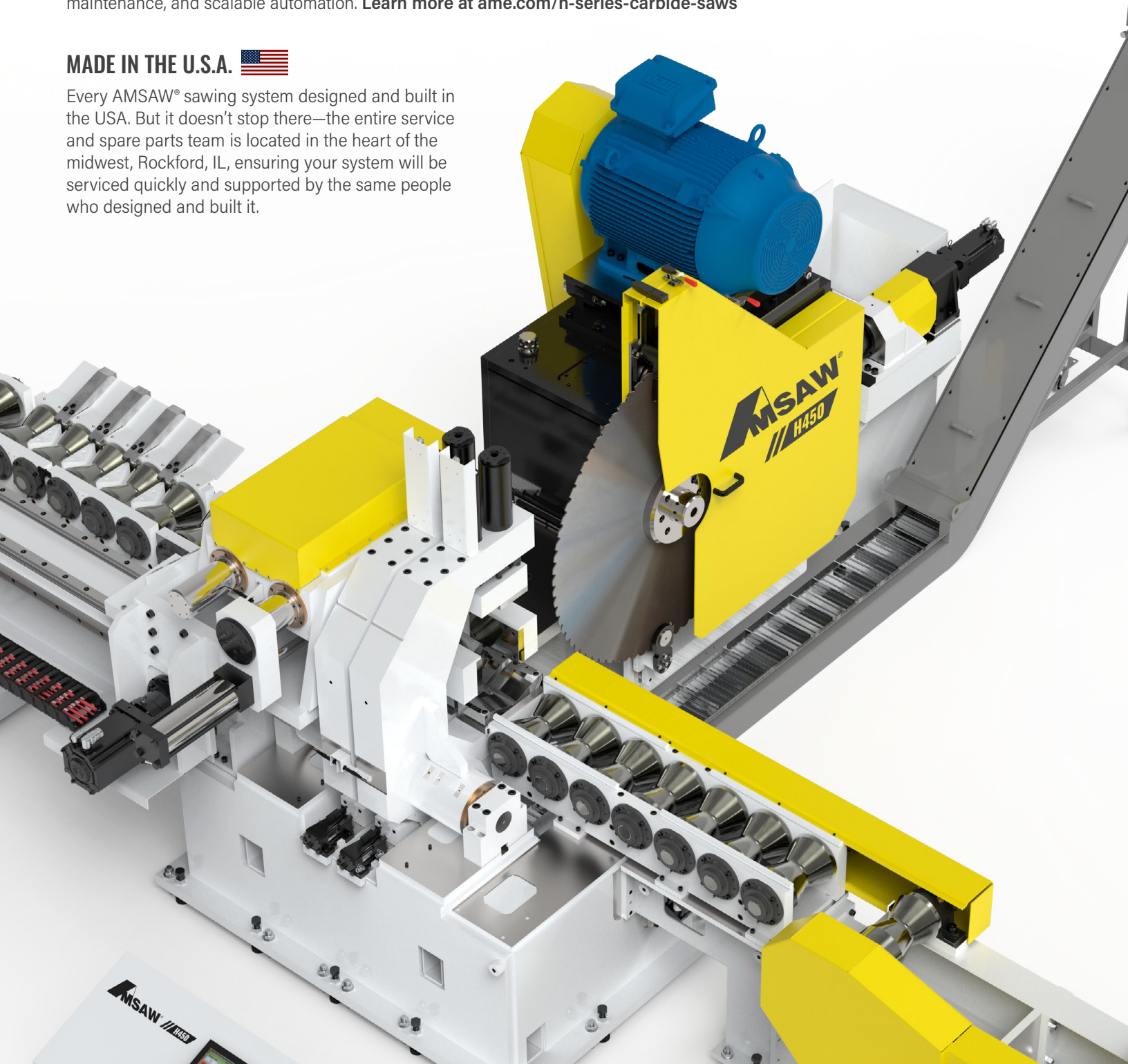
THERE'S NO SUBSTITUTE FOR EXPERIENCE.

The AMSAW® H-Series Horizontal Slide-Head Saw offers a flexible foundation for both standalone and fully automated industrial cutting applications. Engineered with precision and adaptability in mind, it supports a range of configurations—from a basic, servo-driven sawing unit with programmable cutting cycles to a fully integrated system with automated material feed, positioning, and scrap removal. Its modular design enables manufacturers to tailor each installation to their specific workflow, whether upgrading existing lines or deploying new turnkey solutions. The H-Series excels in demanding environments requiring robust equipment, reliable performance, repeatable accuracy, ease of maintenance, and scalable automation. **Learn more at ame.com/h-series-carbide-saws**



MADE IN THE U.S.A.

Every AMSAW® sawing system designed and built in the USA. But it doesn't stop there—the entire service and spare parts team is located in the heart of the midwest, Rockford, IL, ensuring your system will be serviced quickly and supported by the same people who designed and built it.



AMSAW® H-SERIES BILLET SAW SYSTEM

The AMSAW® heavy duty, horizontal slide-head saw system is designed and built in the USA for steel processing, forging facilities, OEM manufacturing, and rugged environments.

BASELINE SAW SYSTEM

The Baseline Sawing System includes:

- Servo driven horizontal sliding head for maximum rigidity
- Bases are filled with unique damping composite to minimize vibration
- Dual hydraulic fixture
- Blade stabilizer
- Allen Bradley Safety PLC control
- Integrated hydraulics, pneumatics and lubrication
- Conveyor for automated chip removal
- Optional enclosure & blade crane

The PLC control provides an automatic clamp/cut/unclamp cycle making it ideally suited for integration into existing production systems or as a standalone manual saw.



AUTOMATED SAW SYSTEM

The Automated Sawing System includes:

- All the baseline saw features
- Automated material positioning and removal
- Load and transfer table
- Powered entry conveyor
- Powered or non-powered exit system
 - Exit conveyor
 - Scrap dump conveyor
- Standard and custom material handling options available

The fully automated system includes material handling, material positioning, cutting, scrap handling, and transferring finished pieces to an unload station. This equipment, along with additional options, can be supplied with the saw package or sourced separately by the customer.



CAPABILITIES & SPECIFICATIONS

AVAILABLE IN 3 CUTTING CAPACITIES: 350MM, 450MM, 600MM

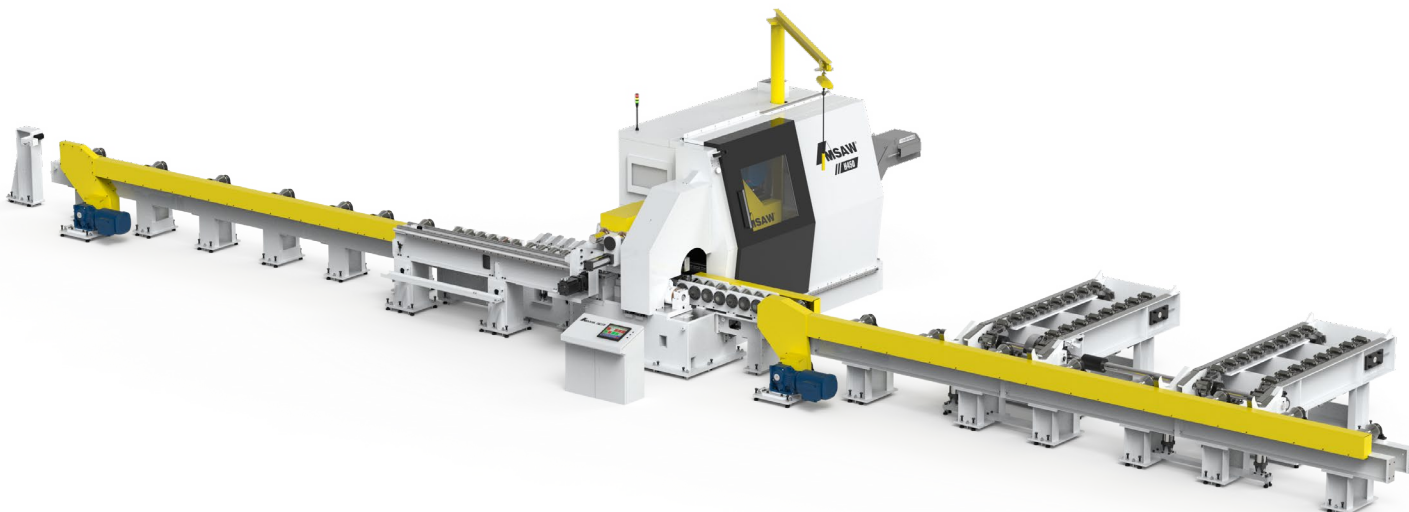
All AMSAW® H-Series billet saw systems are designed for heavy duty applications.

		Amsaw Models		
CAPACITIES		AMS-H350	AMS-H450	AMS-H600
Material Profile		Round	Round	Round
Material Diameter	min	6" (150mm)	8" (200mm)	10" (250mm)
	max	14" (350mm)	18" (450mm)	24" (600mm)
Material Length (conveyed)	min	▲	▲	▲
	max			
Material Length (load table)	min	10' (3m)	10' (3m)	10' (3m)
	max	30' (9m)	30' (9m)	30' (9m)
Cut Length	min	1.2" (30mm)	1.2" (30mm)	2.0 (50mm)
Single Index	max	118" (3000mm)	118" (3000mm)	118" (3000mm)
Optional Single Index	max	Up to 354" (9000mm)*	Up to 354" (9000mm)*	Up to 354" (9000mm)*
Conveyable Length	min	20" (500mm)	23" (570mm)	23" (570mm)
Scrap Dump length	max	20" (500mm)	23" (570mm)	23" (570mm)
SPECIFICATIONS				
Spindle HP		100HP (75 kW)	150HP (112 kW)	200HP (150 kW)
Spindle Speed	RPM	30-65	25-50	22-38
Blade Diameter	min	31.5" (800mm)	40.0" (1000mm)	48.0" (1200mm)
	max	46.0" (1170mm)	56.0" (1425mm)	68.0" (1725mm)
Material Positioning Accuracy	+/-	.025" (.63mm)	.025" (.63mm)	.030" (.75mm)

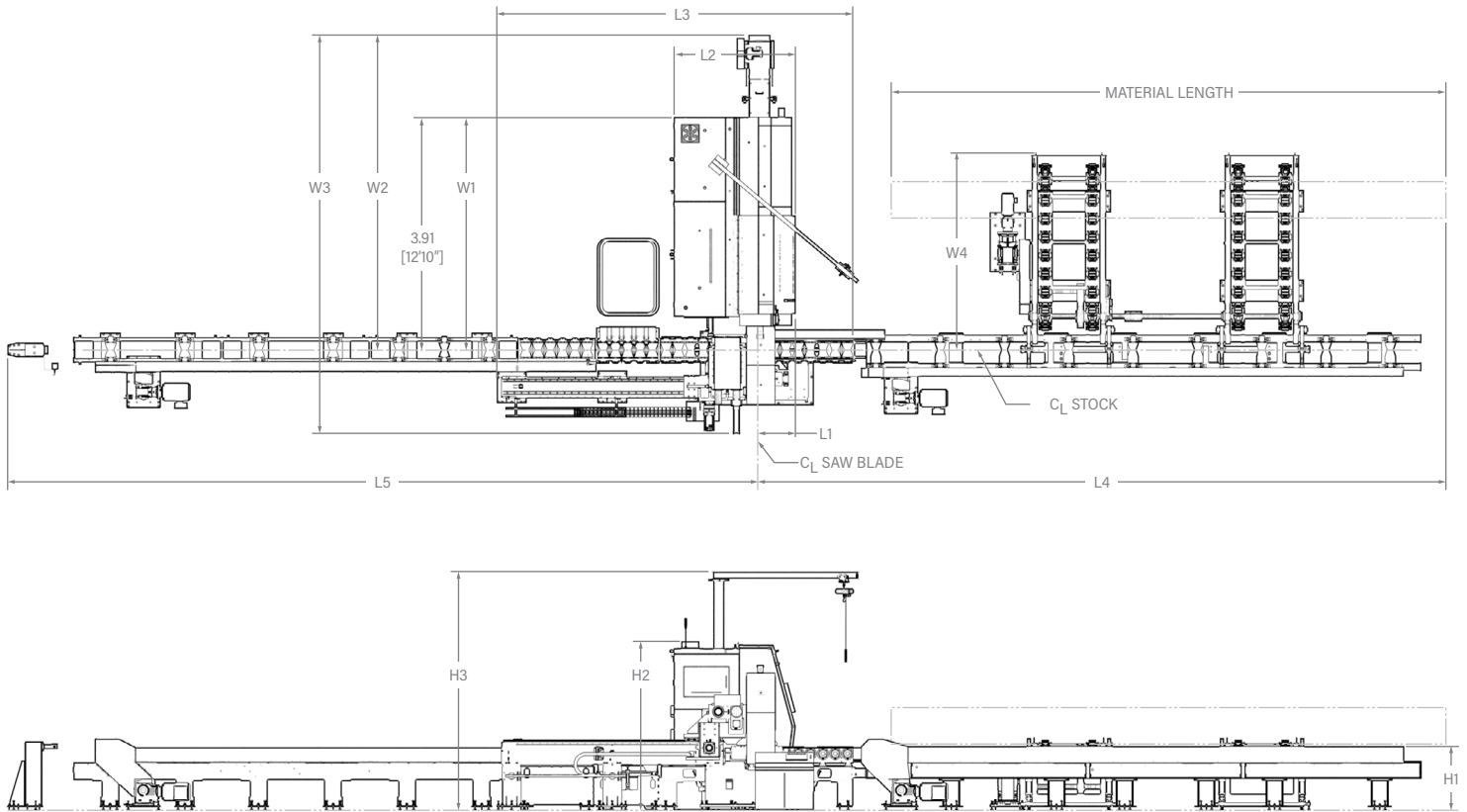
▲ Limited by material handling length and roller spacing.

* 3m index can be extended in 1.5m increments to a max of 9m total length

Note: Crop/tail cut, the bar must be the same diameter on both sides of the blade. The crop or tail side must maintain that diameter for at least 1.2" (30mm) beyond the blade. This may require a crop or tail length longer than 1.2" (30mm) depending on the condition of the bar end.



GENERAL LAYOUT & DIMENSIONS



DIMENSIONS		AMS-H350	AMS-H450	AMS-H600
		M (FT-INCH)		
H1	Pass height (bottom of smallest stock)	1.0 (3'4")	1.0 (3'4")	1.0 (3'4")
H2	Top of optional machine enclosure	2.54 (8'4")	2.90 (9'6")	2.90 (9'6")
H3	Top of optional jib crane	3.65 (12'0")	4.01 (13'2")	4.01 (13'2")
W1	CL material flow to back of optional machine enclosure	2.49 (8'2")	3.91 (12'1")	4.57 (15'0")
W2	CL material flow to back of chip conveyor	3.87 (12'8")	5.29 (17'4")	6.17 (20'3")
W3	Overall width	5.52 (18'0")	6.71 (22'0")	7.72 (25'4")
W4	CL material flow to back of infeed table	2.69 (8'10")	3.31 (10'10")	4.48 (14'8")
L1	CL saw out to infeed side of optional machine enclosure	0.63 (2'1")	0.63 (2'1")	2.31 (7'7")
L2	Length of machine with optional enclosure	2.05 (6'9")	2.05 (6'9")	2.56 (8'5")
L3	Length of basic saw (baseline, without infeed and exit systems)	2.13 (7'0")	2.13 (7'0")	2.13 (7'0")
	Length of basic saw (extended baseline w/out infeed & exit systems)	2.56 (8'5")	4.33 (14'3")	2.56 (8'5")
L4	Length CL saw out to end of infeed system	11.43 (37'6")	11.43 (37'6")	11.43 (37'6")
L5	Length CL saw out to end of outfeed system	12.58 (41'3")	12.58 (41'3")	12.58 (41'3")

Dimensions subject to change. All final layout dimensions will be reviewed with customer.

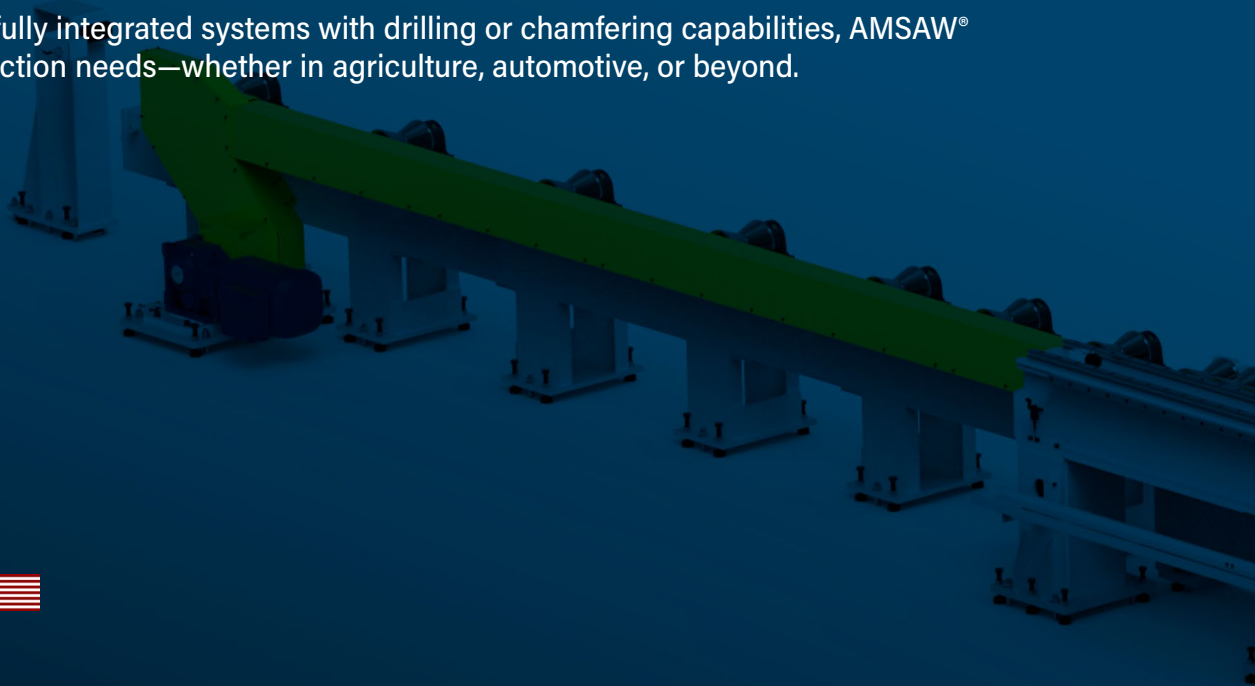


DESIGN. BUILD. GROW.

At AMSAW®, carbide sawing isn't just a product—it's our origin story. In 1969, our founder Willy Goellner revolutionized industrial metal cutting by inventing the carbide saw system. That legacy drives everything we build today.

AMSAW® production saw systems are engineered for enabling high-productivity, cost-efficient cutting across a wide range of materials. Configurable for both manual and fully automated operations, these machines are trusted by steel processors and OEMs around the world.

From simple cuts to fully integrated systems with drilling or chamfering capabilities, AMSAW® adapts to your production needs—whether in agriculture, automotive, or beyond.



MADE IN THE U.S.A. 

ISO 9001:2015

REGISTERED

2500 Latham St
Rockford, IL 61103
815.962.6076

amsaw.com

AMSAW_HD_0825