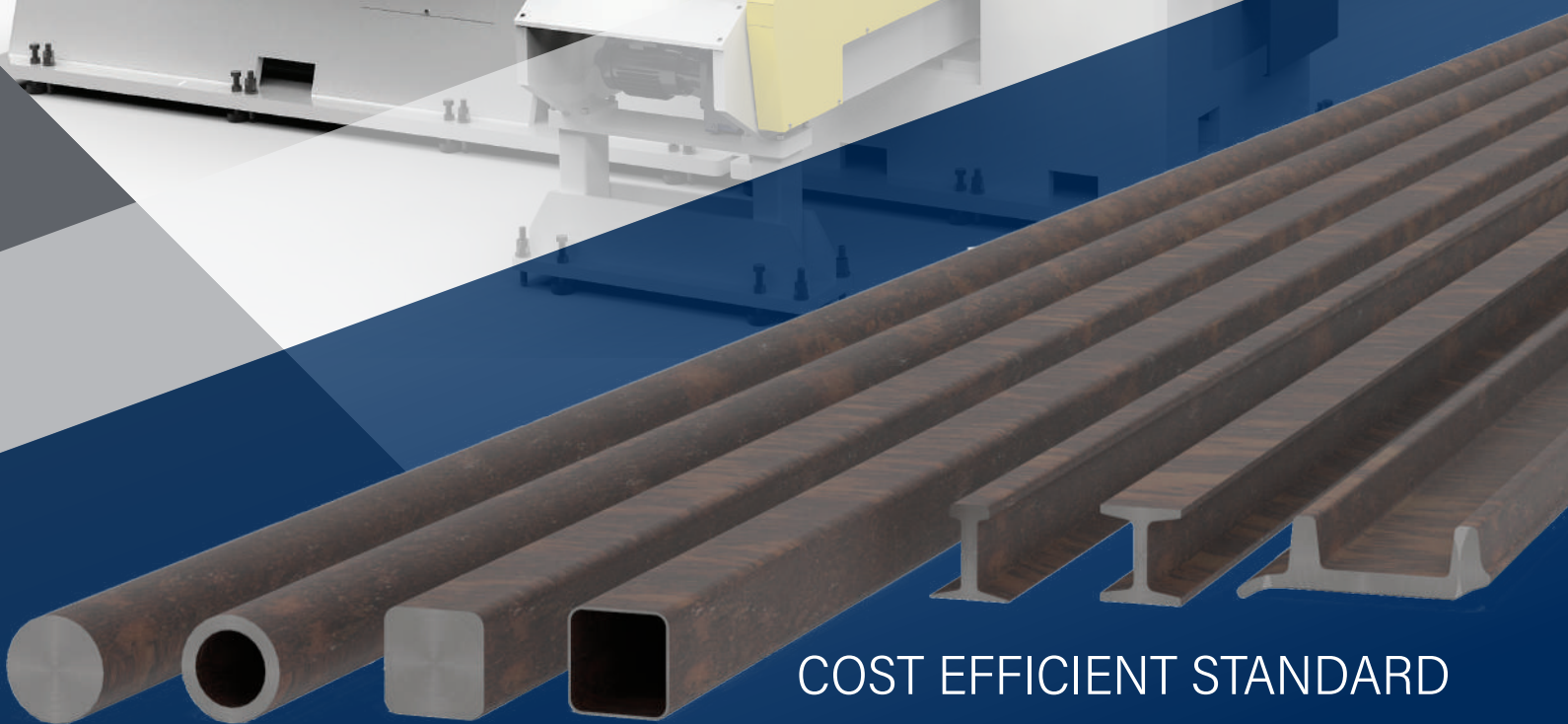
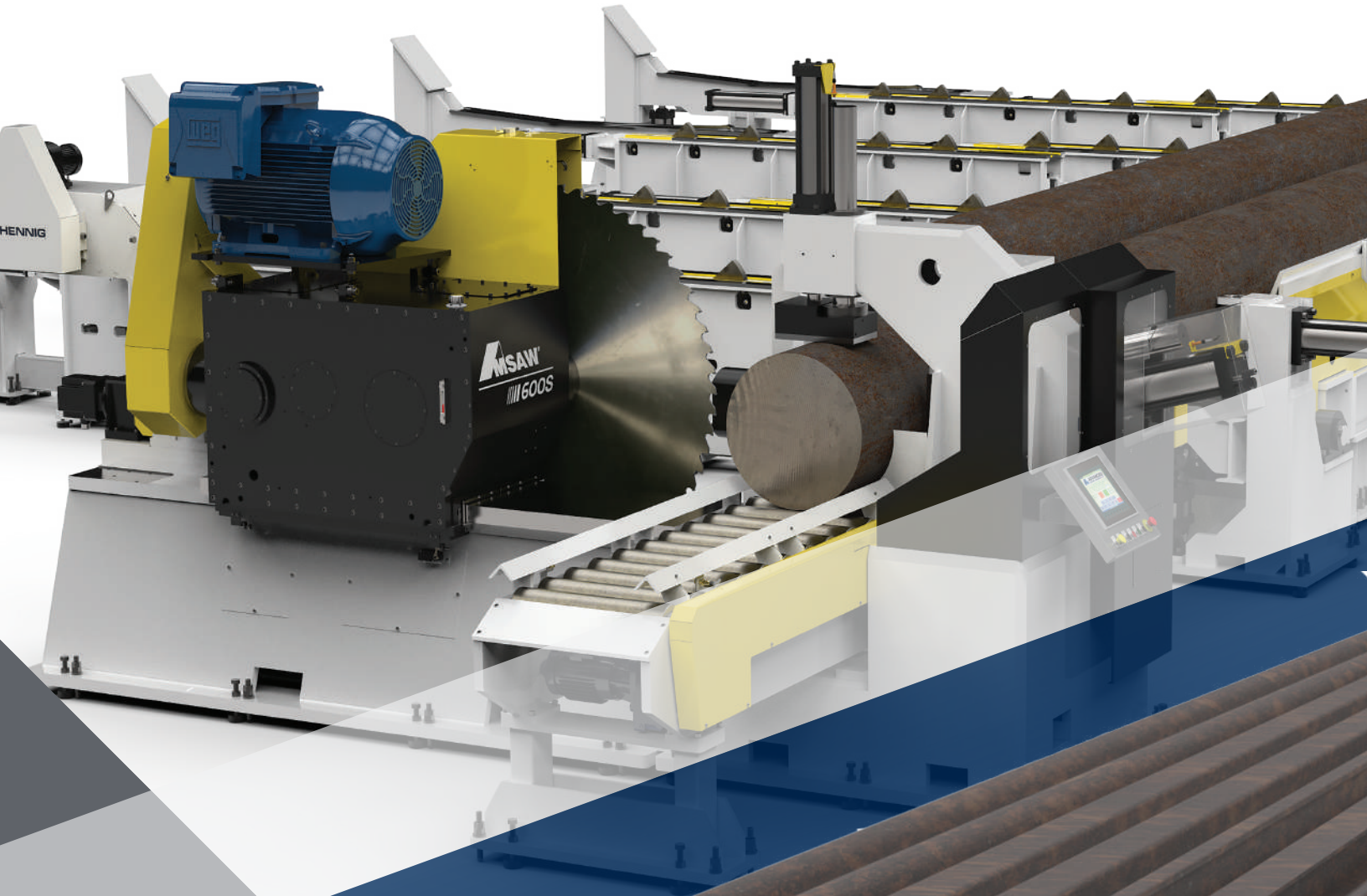




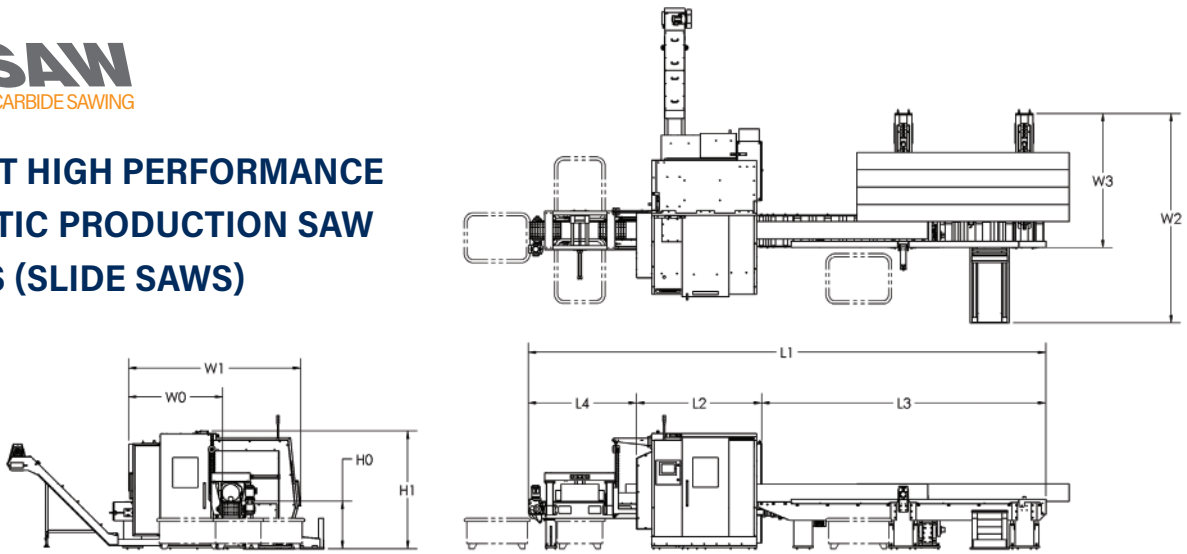
COMPACT HIGH PERFORMANCE AUTOMATIC PRODUCTION SAW SYSTEMS

HEAVY DUTY AMSAW S-SERIES



COST EFFICIENT STANDARD
BUILDING BLOCK ASSEMBLIES

**COMPACT HIGH PERFORMANCE
AUTOMATIC PRODUCTION SAW
SYSTEMS (SLIDE SAWS)**

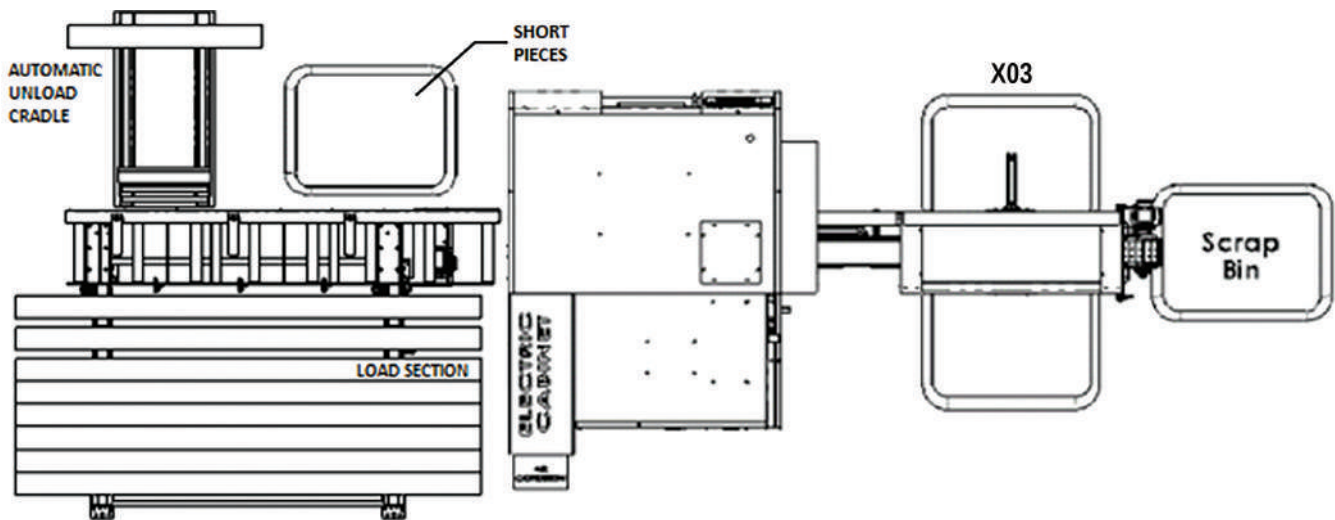


SPECIFICATION		AMS 350S	AMS 450S	AMS 600S	AMS 760S
Cutting Capacity	Round & Square Stock - inch (mm)	5.0 (125) - 14 (350)	8 (200) - 18 (450)	10 (250) - 24 (600)	14 (350) - 30 (760)
	Stock Bar Length Max. - ft. (m)	20 (6.0)	20 (6.0)	20 (6.0)	20 (6.0)
	Cutoff Length - inch (mm)	0.75 (16) - 39.4 (1000)	1.0 (25) - 39.4 (1000)	2 (50) - 39.4 (1000)	2 (50) - 39.4 (1000)
	Remnant End Length - inch (mm)	1.5 (38)	3 (75)	3 (75)	3 (75)
Circular Saw Blade Carbide/Cermet Tipped	Min. blade diameter - inch (mm)	28 (710)	36 (915)	40 (1015)	50 (1285)
	Max. blade diameter - inch (mm)	44 (1120)	56 (1420)	68 (1730)	80 (2000)
	Blade pilot diameter - inch (mm)	5.500 (140)	5.500 (140)	5.500 (140)	5.500 (140)
	(2) Drive pins diameter - inch (mm)	1.000 (25.4)	1.000 (25.4)	1.000 (25.4)	1.04 (30)
	Drive pins placement diameter - inch (mm)	7.750 (196.85)	9.00 (228.6)	9.00 (228.6)	9.00 (228.6)
Cutting Information	RPM variable by inverter (1/min)	100-600 (35-180)	100-600 (35-180)	100-600 (35-180)	100-600 (35-180)
	Feed rate inch/min (mm/min)	0-25 (0-600)	0-21 (0-546)	0-21 (0-546)	0-21 (0-546)
Bar Feed (Indexing)	Max feed rate forward-inch/min (m/min)	790 (20)	790 (20)	790 (20)	790 (20)
	Repeatability - inch (mm)	0.003 (0.07)	0.004 (0.1)	0.004 (0.1)	0.004 (0.1)
Opt. min. coolant	Micromist tank capacity - oz (liter)	8 (0.23)	8 (0.23)	8 (0.23)	8 (0.23)
Saw Motor	kW / HP / RPM	55 / 75 / 1750	112 / 150 / 1750	150 / 200 / 1750	150 / 200 / 1750
Hydraulics	kW / HP / bar (PSI)	7.5 / 10 / 103 (1500)	7.5 / 10 / 103 (1500)	7.5 / 10 / 103 (1500)	7.5 / 10 / 103 (1500)
	Tank capacity - gal (liter)	40 (150)	40 (150)	40 (150)	60 (225)
Electricals	Power Supply - V / Phase / Hz (USA)	480 / 3 / 60	480 / 3 / 60	480 / 3 / 60	480 / 3 / 60
Floor Space Machine	Feed roller height H0 - ft (m)	3.3 (1.0)	3.3 (1.0)	3.3 (1.0)	3.3 (1.0)
	Machine height H1 - ft (m)	7.9 (2.4)	9.85 (3)	7.9 (2.4)	To Suit Customer's Requirements
	Total length L1 - ft (m)	31.5 (9.6)	78.75 (24)	33.8 (10.3)	
	Machine length L2 - ft (m)	5 (1.5)	8.2 (2.5)	7.2 (2.2)	
	Load table length L3 - ft (m)	18.7 (5.7)	48 (14.6)	18.7 (5.7)	
	Exit conveyor length L4 - ft (m)	7.9 (2.4)	23 (7)	7.9 (2.4)	
	Material position W0 - ft (m)	2.5 (.75)	3.3 (1)	5.9 (1.8)	
	Machine width W1 - ft (m)	9.85 (3)	16.5 (5)	11.4 (3.5)	
	Total width W2 - ft (m)	16.5 (5)	14.75 (4.5)	37 (11.25)	
	Load table width W3 - ft (m)	10.7 (3.3)	12.7 (3.875)	32.8 (10)	
Weight (Approx)	Machine - lbs (kg)	24800 (11235)	37150 (16853)	55730 (25279)	
	Load Table - lbs (kg)	6980 (3173)	10500 (4760)	15740 (7140)	22200 (10000)

STANDARD COMPACT HIGH PERFORMANCE AUTOMATIC PRODUCTION SAW SYSTEMS

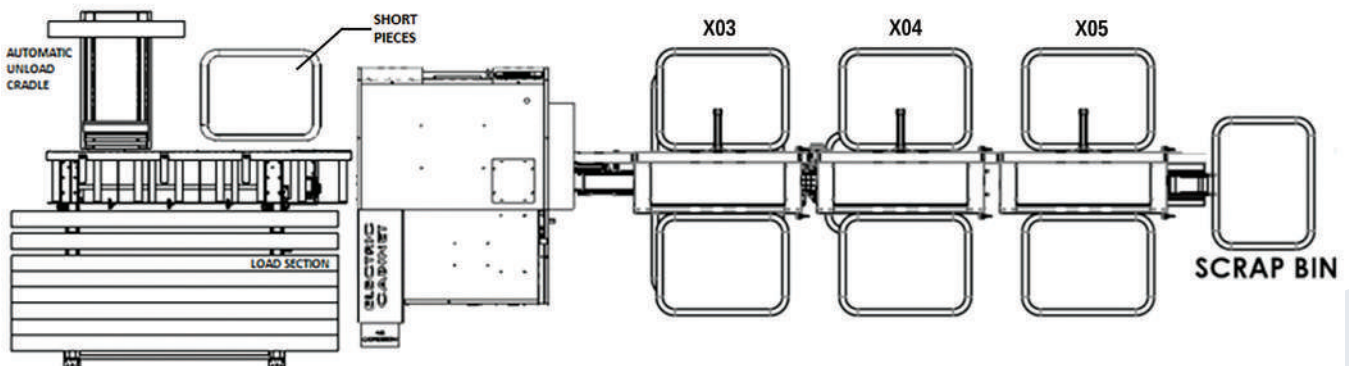
These systems of circular carbide saws are arranged similarly like the small circular pivot saws, except the loading table is chain driven and the bins and unload cradle might be replaced with skid tables to safely handle the heavier pieces. The selection of option might also be similar to the arrangements below depending on the customers requirements. AMSAW specialists also will work closely with our customers to develop the proper system.

SELECTION OF OPTIONS (See Floor Plans in Configurator)



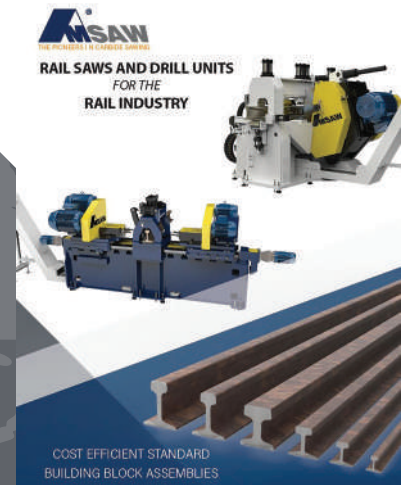
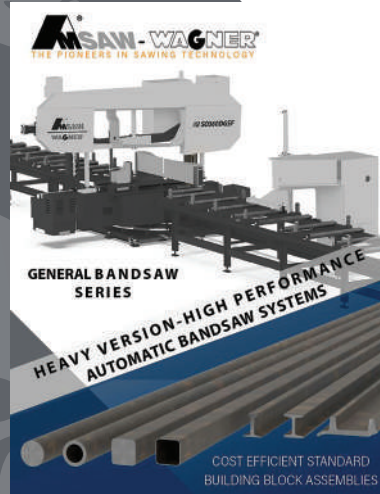
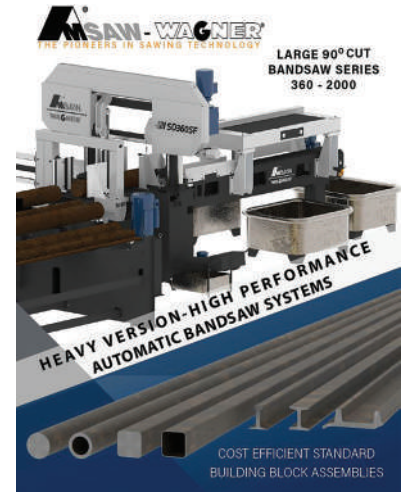
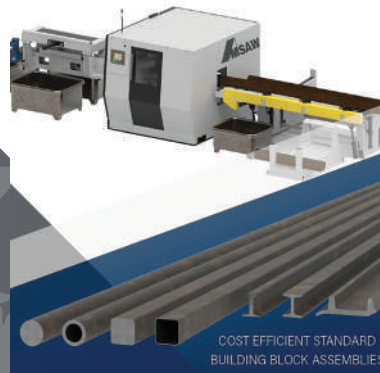
AMS-180P-L5-X03 STANDARD COMPACT AUTOMATIC SAW SYSTEM (3-BIN VERSION) WITH AUTOMATIC LOAD AND UNLOAD UNITS FOR 1.50" (38) - 7.0"(180)

Bar sizes over 7.0" to max 14.0" (350) can be manually loaded and unloaded directly on and from the power roller conveyor and processed on the band saw only (not for circular blade carbide saws).



STANDARD AMSAW 70,125,180,250,350 COMPACT AUTOMATIC HIGH PERFORMANCE SAW SYSTEMS WITH AUTOMATIC LOAD AND UNLOAD UNITS FOR 12FT AND 20FT BARS WITH EXIT GRIPPER POWER CONVEYOR PART UNLOAD SYSTEM WITH 6 BIN STORAGE AND SCRAP BIN.

AMSAW
THE PIONEERS IN CARBIDE SAWING
**COMPACT HIGH PERFORMANCE AUTOMATIC
PRODUCTION SAW SYSTEMS**
FOR BILLET SAWING FERROUS AND NON FERROUS METALS



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