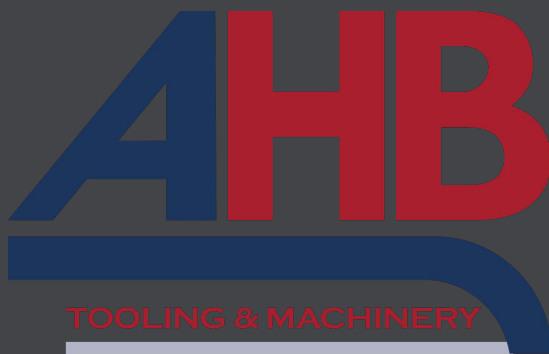


KALAMAZOO MACHINE TOOL



**COMPLETE
METALWORKING
SOLUTIONS**

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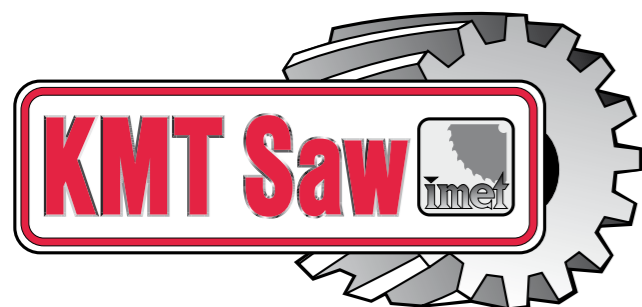
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Bandsaws ▪ Coldsaws ▪ High Speed Circular Saws



Sawing machines is our only business, and our manufacturing facility has been producing circular saws and bandsaws since 1968.

Today we operate out a 18,000sqft facility in Portage MI.



Kalamazoo Machine Tool Co. Inc.
 6700 Quality Way
 Portage, MI 49002

BANDSAWS

5	H 275	GRAVITY FEED AUTOCUT	10" CAPACITY
6	H 310 M	GRAVITY FEED AUTOCUT	10" CAPACITY
7	H 350 M	GRAVITY FEED AUTOCUT	12" CAPACITY
8	H 310 SA	SEMIAUTOMATIC	10" CAPACITY
9	H 400 SA	SEMIAUTOMATIC	12" CAPACITY
10	KS 450	SEMIAUTOMATIC	14" CAPACITY
11	KS 600	SEMIAUTOMATIC	20" CAPACITY
12	H5 SA	DUAL COLUMN SEMIAUTOMATIC	W18 BEAM CAPACITY
13	H6 SA	DUAL COLUMN SEMIAUTOMATIC	W21 BEAM CAPACITY
14	H7 SA H8 SA H12 SA	DUAL COLUMN SEMIAUTOMATIC	UP TO W36 BEAMS
16	H 820	DUAL COLUMN SEMIAUTOMATIC	30" CAPACITY
18	KS 700 KS 800 KS 1200	DUAL COLUMN SEMIAUTOMATIC	MITERING LARGE CAPACITY
20	H 310 A & H 310 A-NC	FULLY AUTOMATIC	10" CAPACITY
22	H400 A & H400 A-NC	FULLY AUTOMATIC	12" CAPACITY
24	H6 A-NC	DUAL COLUMN FULLY AUTOMATIC	20" CAPACITY
26	DC 12A-NC	DUAL COLUMN FULLY AUTOMATIC	12" CAPACITY

COLDSAWS

29	C 250, C 300, C 315/350	MANUAL	10", 12", 14" BLADE
30	C 316, C 320 SA	MANUAL AND SEMIAUTOMATIC	12.5", 14" BLADE
31	C 370, C 360 SA, C370 SA-V	MANUAL AND SEMIAUTOMATIC	14" BLADE
32	C 370 A-NC	FULLY AUTOMATIC	14" BLADE

HIGH SPEED CIRCULAR SAWS

34	CT 350 AV	MANUAL	
35	CT 350 SA	SEMIAUTOMATIC	
36	CT 350 A-NC, CT 350 A-NC NM	FULLY AUTOMATIC	

ACCESSORIES

38	CONVEYORS, QUICK STOP		
39	PROGRAMMABLE STOP, OTHER ACCESSORIES		
40	BAR LOADER		
42	PUSHER SYSTEM		

SPECIAL APPLICATIONS & RESOURCES

44	CUSTOMER SPECIFIC APPLICATIONS		
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In line with our policy of on-going product improvement, we reserve the right to modify technical features and specifications. Please note that some machines are shown with one or more accessories.

A bandsaws is one of the versatile tools a shop can have.

Bandsaws offer the largest capacity relative to their price.

Kalamazoo Machine Tool bandsaws offer squareness tolerances comparable to coldsaws.



- ▶ Standard Equipment
 - One HSS bi-metal sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit

Mitering, variable speed and Autocut in an economical package, that's the H 275. This utility use machine is perfect for job shops and maintenance departments.

Miters 60 degrees to the right, Quick vise.

Carbide guides w/ rollers

Counterbalanced

Easy controls

Specifications					
Icon	Circle	Square	Rectangle	Wavy	vise opening
0°	10"	7¾"	7¾" x 10"	220/1	11"
45°	7"	6½"	3" x 7"		
60°	4¼"	3¾"	3½" x 5"		
2 HP	FPM 60-360	H 1"	s .035	750lbs	W 33" L 69" Workheight 37"
		L 10' 1"			

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

Accessories on pages 38-43

H 310 M



The H310 M is a gravity feed autotom bandsaw capable of mitering 45 to the left and 60 degrees to the right.

The cycle start button is located in the trigger switch for safety.

The blade will tun off at the end of the cut. The solenoid will hold the sawframe where lifted. The Autotom will insure that each cut is feed exactly at the same rate, eliminating the need to open and close the valve each cut.

The vise is mounted in a t slot with a quick release handle it can be moved from either side of the cut.

Easy operator controls

Large easy to read scale ensures accurate miters

Carbide guides w/ rollers

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

- Standard Equipment**
- One HSS bi-metal sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Blade brush
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit

Specifications					
					vise opening
0°	10"	9½"	7"x 11"	220/1	12"
45°	8¼"	7½"	6¼"x7¾"	230/3	
60°	5¼"	4¼"	3¾"x5"	460/3*	
45°	17"	6¼"	3¾"x7"		

	FPM			
2 HP	60-360	H 1"	850lbs	W 38" L 66" Workheight 37"
		s .035		
		L 9' 1"		

*Additional charge

Accessories on pages 38-43

H 350 M



The H350 M is a gravity feed autotom bandsaw capable of mitering 45 to the left and 60 degrees to the right.

The blade will tun off at the end of the cut. The solenoid will hold the sawframe where lifted. The Autotom will insure that each cut is feed exactly at the same rate, eliminating the need to open and close the valve each cut.

The vise is mounted on a rail with a quick release handle it can be moved from either side of the cut.

Nylon blade brush

Carbide guides w/ rollers

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

Accessories on pages 38-43

- Standard Equipment**
- One HSS bi-metal sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Blade brush
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit

Specifications					
					vise opening
0°	12"	10"	7¾"x 13¾"	230/3	13¾"
45°	10"	9"	7¾"x9"	460/3*	
60°	6¾"	6"	3¾"x6½"		
45°	10"	9"	7¾"x9"		

	FPM			
3 HP	60-360	H 1"	1500lbs	W 60" L 72" Workheight 37"
		s .035		
		L 11' 1"		

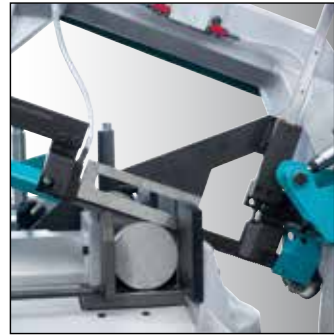
*Additional charge

OPTIONAL

BANDSAWS

GRAVITY FEED AUTOCUT

H 310 SA



This fully hydraulic Semi-Automatic bandsaw offers increased productivity with full cycle operation. Mitering 45 to the left and 60 degrees to the right.

With the push of the start button or a click of the optional footswitch the vise will clamp the sawhead will make the cut, the head will return to just above the material and the vise will un-clamp.

Standard features of the H 310 SA include, variable speed, easy operator controls, vise mounted in a T slot with quick handle for moving to either side of the cut, amp meter.

Material sensor, saw will rapid down until it touches material then go into controlled rate. After cut is complete the sawhead will lift to just above the material ready for the next cut.

Carbide guides w/ backup rollers

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

- Standard Equipment**
- One HSS bi-metal sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Blade brush
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit

Specifications					
Icon	Circle	Square	Rectangle	Wavy	Vise opening
0°	10"	9½"	7"x 11"	230/3	12"
45°	8¼"	7½"	6¼"x7¾"	460/3	
60°	5¼"	4¼"	3¾"x5"		
45°	17"	6¼"	3¾"x7"		

2 HP	FPM 60-360	H 1"	1000lbs	W 48" L 56" Workheight 37"
		s .035		
		L 9' 1"		

H 400 SA



With a 1.25" blade this fully hydraulic Semi-Automatic bandsaw offers increased productivity with full cycle operation. Mitering 45 to the left and 60 degrees to the right.

With the push of the start button or a click of the optional footswitch the vise will clamp the sawhead will make the cut, the head will return to just above the material and the vise will un-clamp.

Standard features of the H 400 SA include, variable speed, easy operator controls, vise mounted on a rail with quick handle for moving to either side of the cut, amp meter.

Material sensor, saw will rapid down until it touches material then go into controlled rate. After cut is complete the sawhead will lift to just above the material ready for the next cut. Large easy to read scale to accurate miters.

Quick release handle not only move the vise in and out but also left and right.

Carbide guides w/ rollers

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

- Standard Equipment**
- One HSS bi-metal sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Blade brush
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit

Specifications					
Icon	Circle	Square	Rectangle	Wavy	Vise opening
0°	12"	10"	7¾"x 13¾"	230/3	13¾"
45°	10"	9"	7¾"x9"	460/3	
60°	6¾"	6"	3¾"x6½"		
45°	10"	9"	7¾"x9"		

3 HP	FPM 60-360	H 1.25"	1700lbs	W 60" L 72" Workheight 37"
		s .035		
		L 13' 2"		

Accessories on pages 38-43

Accessories on pages 38-43

SEMI-AUTOMATIC

BANDSAWS

9

SEMI-AUTOMATIC

BANDSAWS

8

KS 450 KS 620

Double mitering 60 degrees left and 60 degrees right.

Canted sawframe canted 6 degrees

Semi-automatic horizontal bandsaws allow quick and easy setup and operation. Major components are massive for solid, vibration-free production cutting. Machine operation is full cycle, semi-automatic. Material size is automatically sensed by the sawframe. With the push of a single button, the vise clamps, sawframe makes the cut at preset rate, automatically returns to clear work piece, vise opens, ready for the next cut. Production sawing can be very fast! Fully hydraulic, with free-standing operators console that may be conveniently placed in the most advantageous operator location.

Mitering is effortless with perfectly counterbalanced frame on bearings.

Material sensor, saw will rapid down until it touches material then go into controlled rate. After cut is complete the sawhead will lift to just above the material ready for the next cut.

Carbide guides w/ rollers

KS 450 w/ optional conveyors



- Standard Equipment**
- One HSS bi-metal sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - Blade tension indicator
 - Broken blade shutoff
 - Infeed/Outfeed support rollers
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Blade brush
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics

KS 450 Specifications						
Icon	Circle	Square	Rectangle	Wavy	Wise Opening	
□	0°	14"	13"	12½"x17½"	230/3	18"
◻	45°	13"	12½"	11¾"x12½"	460/3	
◻	60°	8¼"	7¾"	7"x10½"		
◻	45°	13"	12½"	11¾"x12½"		
◻	60°	6¼"	6"	6"x10½"		
Motor	FPM	Blade	Weight	Blade	Workheight	
3HP	60-360	H 1.25"	2200	W 55" L 77"	Workheight 33"	
		s .042				
		13' 11"				

KS 620 Specifications						
Icon	Circle	Square	Rectangle	Wavy	Wise Opening	
□	0°	19½"	18½"	15¾"x23½"	230/3	24"
◻	45°	17½"	16"	10"x 17"	460/3	
◻	60°	12½"	11¾"	11"x13½"		
◻	45°	17½"	16"	10"x17"		
◻	60°	9½"	9½"	9½"x12"		
Motor	FPM	Blade	Weight	Blade	Workheight	
4HP	60-360	H 1.25"	3200	W 60" L 98"	Workheight 31¾"	
		s .042				
		17' 5"				

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

5 SA

- Semiautomatic
- Double miter 60 degrees
- Double column
- 6 Degree Cant
- Capacity for W 18 beams
- Perfectly Counter Balanced
- Large Scale for accurate miters
- Vibration free sawing in a range of interrupted and solid materials
- All moving components on linear bearing guides
- Carbide Guides w/ rollers



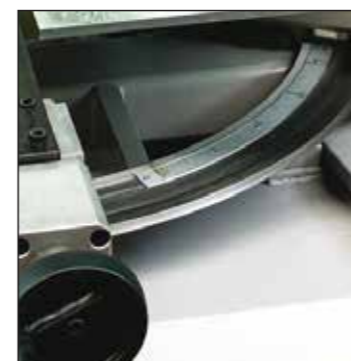
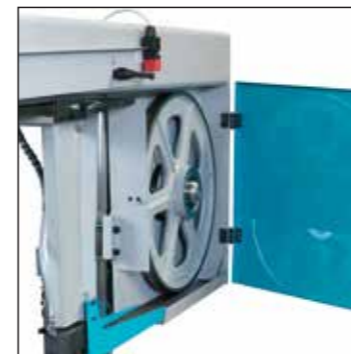
- Standard Equipment**
- One HSS bi-metal sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - Blade tension indicator
 - Broken blade shutoff
 - Infeed/Outfeed support rollers
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Blade brush
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit

H5 SA Specifications					WISE OPENING	
	0°	13 3/4"	13"	12 3/4"x19 1/2"	230/3	20 1/4"
	45°	11 3/4"	11 1/4"	12 3/4"x11 1/4"	460/3	
	60°	11 3/4"	11 1/4"	12 3/4"x13 3/4"		
	45°	6"	6"	12 3/4"x6"		
	60°	6"	6"	12 3/4"x6"		
	3HP	FPM	H 1.25"	2200		W 55" L 77" Workheight 33"
		60-360	s .042			
			13' 11"			

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

6 SA

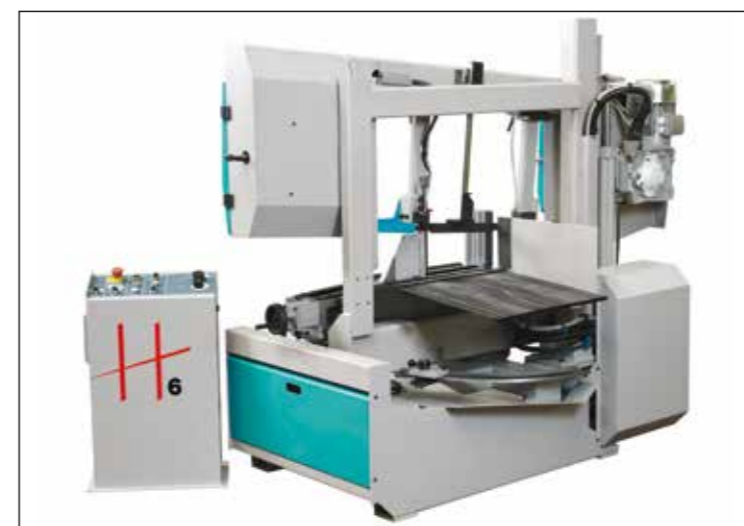
- Semiautomatic
- Miters 60 degrees right
- Double column
- 6 Degree cant
- Capacity for W 21 beams
- Perfectly counter Balanced
- Large scale for accurate miters
- Vibration free sawing in a range of interrupted and solid materials
- All moving components on linear bearing guides
- Carbide guides w/ rollers



- Standard Equipment**
- One HSS bi-metal sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - Blade tension indicator
 - Broken blade shutoff
 - Infeed/Outfeed support rollers
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Blade brush
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit

H6 SA Specifications					WISE OPENING	
	0°	19 1/2"	17 1/2"	17 1/2"x23 1/2"	230/3	23 1/2"
	45°	14 1/2"	14 1/2"	14 1/2"x14 1/2"	460/3	
	60°	7 3/4"	7 3/4"	7 3/4"x7 3/4"		
	4HP	FPM	H 1.25"	4000lbs		W 49" L 112" Workheight 32"
		60-360	s .042			
			17' 5"			

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.



H 7 SA - 8 SA - 12 SA

When a heavy duty bandsaw is needed for structural steel look no further than the H7 SA, H8 SA or the H12 SA.

Semiautomatic

Straight cut

Double column

5 Degree cant

Carbide guides w/ rollers

Largest beam capacity

H7 SA W24

H8 SA W30

H12 SA W36

Perfectly counter balanced

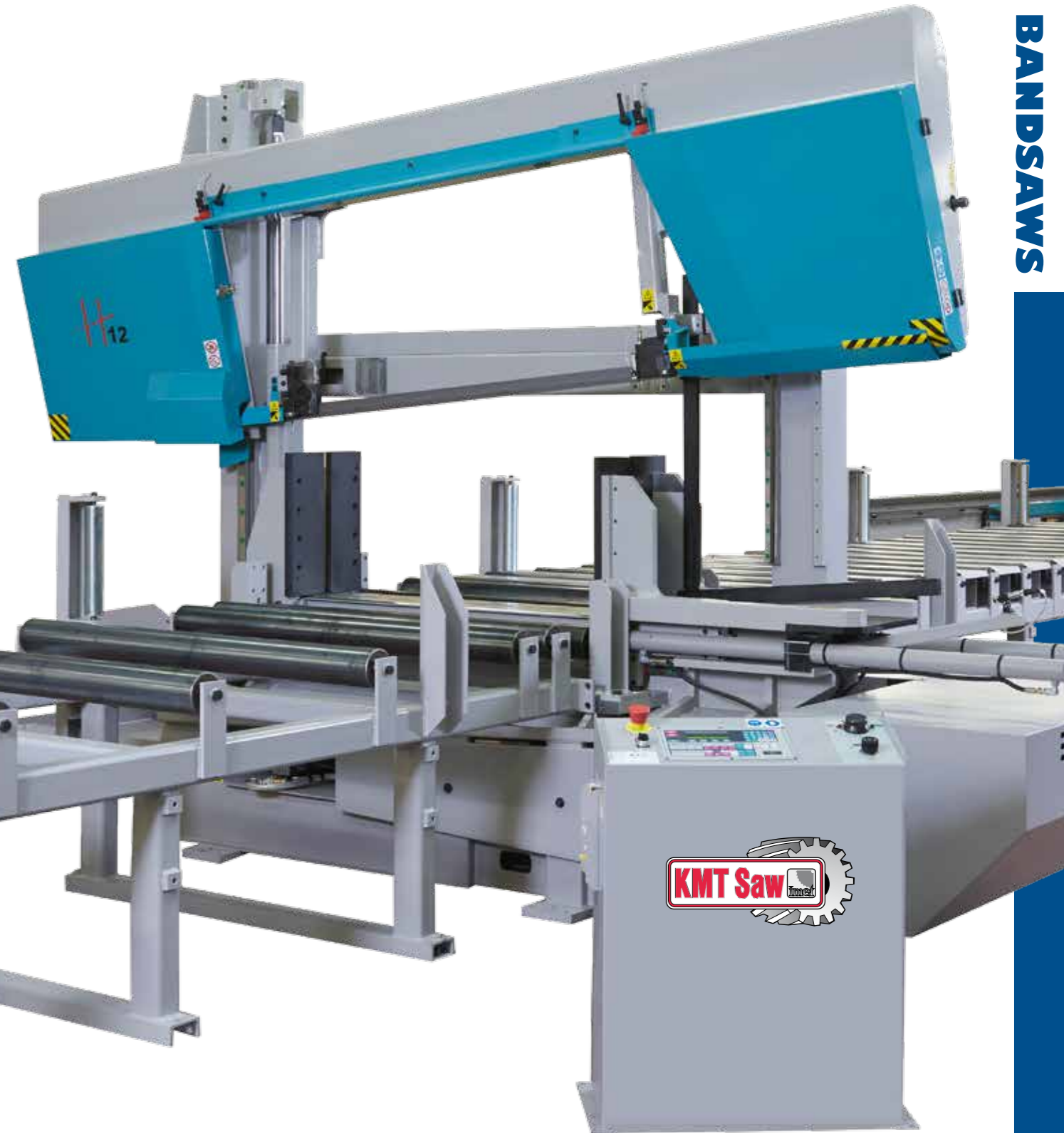
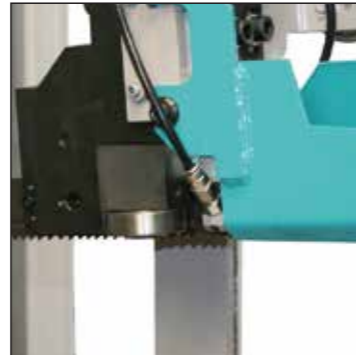
Clamping on both sides of cut

Vibration free sawing in a range of interrupted and solid materials

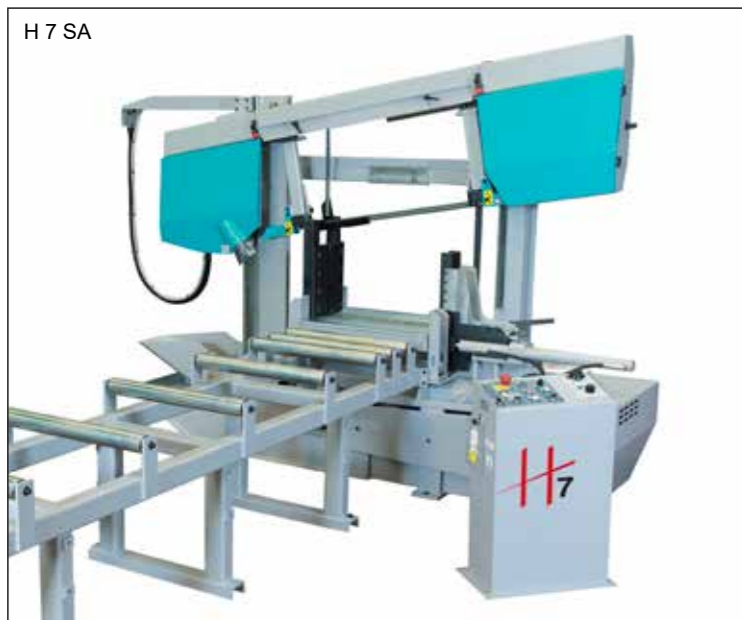
All moving components on linear bearing guides

Hydraulic blade tension on H8 SA and H12 SA

Rear guide is fixed, the outside guide automatically moves close to the cut



H 7 SA



- Standard Equipment**
- One HSS bi-metal sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - Blade tension indicator
 - Broken blade shutoff
 - Infeed/Outfeed support rollers
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Blade brush
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit

H7 SA Specifications										
				Vise Opening		FPM				workheight
0°	20 1/2"	17 1/2"	15 3/4" x 26 3/4"	27"	5.5HP	50-330	4200lbs	H 1.5" s .050	19' 3"	W44" x L130" 33"
H8 SA Specifications										
				Vise Opening		FPM				workheight
0°	26 3/4"	25"	24" x 32 1/4"	33"	7.5HP	50-330	6850lbs	H 1.5" s .050	23' 10"	W61" x L142" 31 1/2"
H12 SA Specifications										
				Vise Opening		FPM				workheight
0°	26 3/4"	25"	23 1/2" x 49"	50"	10HP	50-295	7500lbs	H 2" s .062	26' 8 1/2"	W57" x L158" 33 1/2"

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

H 820

The H 820 is a hybrid model of the H7 SA and H8 SA. The H820 offers the largest capacity for round material. We can supply custom jaws for different size round material (see page 45)

- Semiautomatic
- Straight cut
- Double column
- Carbide guides w/ rollers
- 5 Degree cant
- Perfectly counter balanced for easy miters
- Clamping on both sides of cut
- Vibration free sawing in a range of interrupted and solid materials
- All moving components on linear bearing guides
- Hydraulic blade tension
- Top clamp



- Standard Equipment**
- One HSS bi-metal sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - Blade tension indicator
 - Broken blade shutoff
 - Infeed/Outfeed support rollers
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Blade brush
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit



H820 Specifications				
				Vise Opening
0°	31 3/4"	29"	31 3/4"x29"	32"
	FPM			
5.5HP	50-330	H 1.5"	5100lbs	W 44" L 133" Workheight 35"
		s .050		
		24' 10"		

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

KS 700-800-1200 NC

KS 700, 800 and 1200 are heavy duty mitering bandsaws for structural steel.

Semiautomatic

Automatic mitering upto 60 degrees left and right

Double column

Canted sawframe:
KS 700 10 degrees
KS 800 & 1200 5 degrees

Carbide guides w/ rollers

Largest beam capacity
KS 700 W24
KS 800 W30
KS1200 W36

Perfectly counter balanced

Vibration free sawing in a range of interrupted and solid materials

All moving components on linear bearing guides

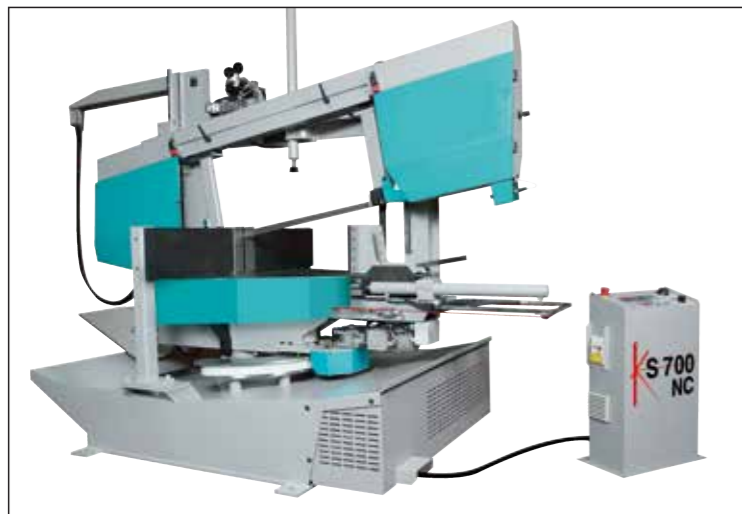
Hydraulic blade tension on KS 800 AND KS1200

Rear guide is fixed, the outside guide automatically moves close to the cut



OPTIONAL

- Standard Equipment**
- One HSS bi-metal sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - Blade tension indicator
 - Broken blade shutoff
 - Infeed/Outfeed support rollers
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Blade brush
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit



KS 700 SPECIFICATIONS									
Blade	Circle	Square	Rect	Motor	FPM	Capacity	Blade	Table	Work
0°	20"	17½"	26¾"x15¾"	5.5 HP	50-330	4500 lbs	H 1.5"		W 63" L 130" Workheight 33"
45°	18½"	16¾"	18½"x15¾"				s .050		
45°	18½"	16¾"	18½"x15¾"			Vise Opening	L 19' 3"		
60°	11"	11"	11"x15"						
60°	12"	12"	12"x15"			27"			
KS 800 SPECIFICATIONS									
Blade	Circle	Square	Rect	Motor	FPM	Capacity	Blade	Table	Work
0°	26¾"	25"	32¼"x24"	10 HP	50-330	6850 lbs	H 2"		W 81" L 142" Workheight 31½"
45°	21½"	21½"	21½"x23½"				s .062		
45°	21½"	21½"	21½"x22¾"			Vise Opening	L 23' 5"		
60°	14½"	14½"	14½"x23½"						
60°	14½"	14½"	14½"x17½"			33"			
KS 1200 SPECIFICATIONS									
Blade	Circle	Square	Rect	Motor	FPM	Capacity	Blade	Table	Work
0°	26¾"	25"	49"x23½"	10 HP	50-295	7500 lbs	H 2"		W 77" L 157" Workheight 33¾"
45°	26¾"	23½"	34¼"x23½"				s .062		
45°	26¾"	23½"	33"x23½"			Vise Opening	L 26' 8½"		
60°	22¾"	20¾"	21½"x17½"						
60°	21½"	17½"	21½"x17½"			50"			

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

H 310 A H 310 A-NC

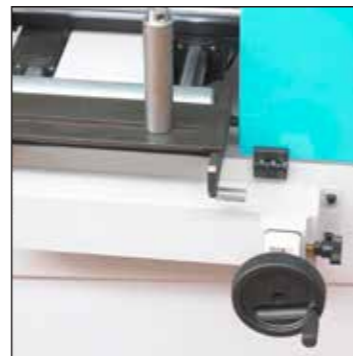
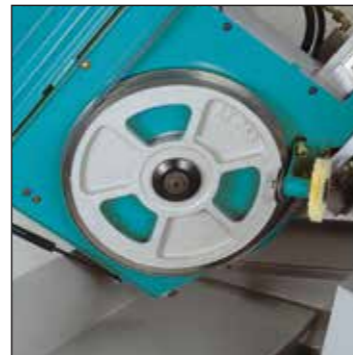
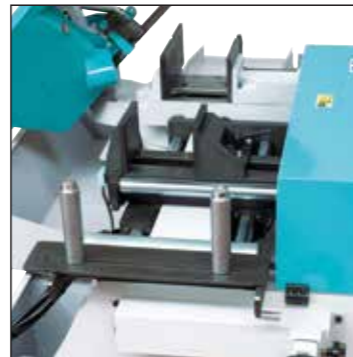
Packed with many features usually only seen on more expensive saws the H310 A and H 310 A-NC offer fully automatic sawing in a tight footprint.

- Fully hydraulic
- Manual mitering up to 60 degrees
- Feeder stroke 20" w/ unlimited max feed length
- Scrap end 8"
- Carbide guides w/ rollers
- Time saving material sensor
- Easy setup
- Feeder accuracy +/- 0.008" per index

H310 A-NC additional features

- Job memory
- Ball screw feeder +/- 0.005" per index

OPTIONAL



Ball screw on H 310 A-NC



- Standard Equipment**
- One HSS bi-metal sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - Blade tension indicator
 - Broken blade shutoff
 - Infeed/Outfeed support rollers
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Blade brush
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit

H 310 A	H 310 A-NC	Specifications	OPTIONAL		
0°	10"	9"	7"x11½"	0° 250X120 max 120X20 min	230/3 opening
45°	8¼"	7½"	6¼"x7¾"		12"
60°	5"	4¼"	4"x4"		
	FPM				
2HP	60-360	H 1"	1500 lbs		
		s 0.035			
		9' 1"			
					W 73" L 68" Workheight 37"

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

H 400 A H 400 A-NC

Fully automatic, fully hydraulic heavy one piece unified construction for superb alignment and accuracy.

Fully hydraulic

Manual mitering up to 60 degrees

Feeder stroke 20" w/ unlimited indexes

Scrap end 5"

Carbide guides w/ rollers

Time saving material sensor

Easy setup

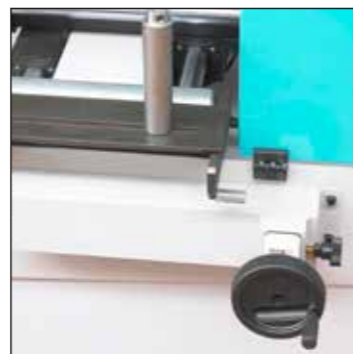
Top clamp

Feeder accuracy +/- 0.008" per index

H400 A-NC additional features

Job memory

Ball screw feeder +/- 0.005" per index



Ball screw on H 400 A-NC



04.

- Standard Equipment**
- One HSS bi-metal sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - Blade tension indicator
 - Broken blade shutoff
 - Infeed/Outfeed support rollers
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Blade brush
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit

H 400 A & H 400 A-NC Specifications				OPTIONAL	
0°	12"	10 1/4"	7 3/4 x 13 1/2"	0°	230/3 opening
45°	10"	9"	7 3/4 x 9"	300X120 max 120X 20 min	460/3 15"
60°	6 3/4"	6"	4" x 6 1/2"		
	FPM				
3HP	60-360	H 1.25"	2100 lbs	W 86" L 70" Workheight 37"	
		s .042			
		13' 2"			

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

6 A-NC

The H6A-NC barfeed is a true shuttle-vice machine. The machine is fully programmable to automatically program and store jobs for later recall. Two saw vises on the infeed side ensure the material is clamped and never released during all feeding and sawing operations. Barfeeder travels on linear guides, and driven by heavy duty ball screw for maximum accuracy. Both feeder vise jaws clamp & unclamp, to facilitate crooked material. Operation is straightforward and logical. The machine may be used as a single cut (semi-automatic) or fully automatic machine to repetitively cut your material to length. You program the length, size of material, blade speed and quantity at the keyboard.

Canted 5 degrees

Manual mitering up to 60 degrees

Feeder stroke 20" w/ unlimited indexes

Scrap end 4"

Carbide guides w/ rollers

Time saving material sensor

Easy setup

Ball screw feeder accuracy +/- 0.005" per index

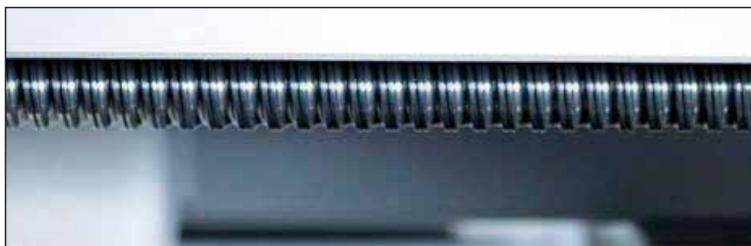
Job memory



- Standard Equipment**
- One HSS bi-metal sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - Blade tension indicator
 - Broken blade shutoff
 - Infeed/Outfeed support rollers
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Blade brush
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit

H6 A-NC Specifications					
Icon	Circle	Square	Rectangle	Triangle	Wipe
0°	18 3/4"	17 1/2"	17"x21"	230/3	23 1/2"
45°	14 1/2"	14 1/2"	14 1/2"x 14 1/2"	460/3	
60°	7 3/4"	7 3/4"	7 3/4"x7 3/4"		
4HP	FPM 60-360	H 1.25"	5100 lbs	W 104"	L 111"
		s .042		Workheight 32"	
		17' 5"			

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.



Precision sawing....

Double column construction with all moving components on linear bearing guides

Precision feeder with gearmotor and ballscrew

Cabinet panels are hinged for easy cleaning and maintenance

Small 2" scrap end

Feeder accuracy +/- 0.005" per index

Easy programmable controls, recall jobs

Material sensor

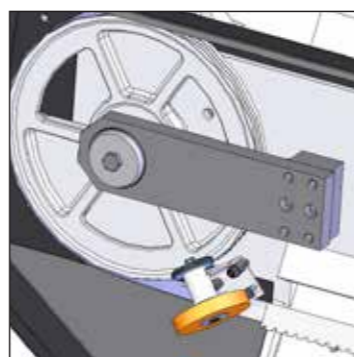
LED lighting

Variable vise pressure

Double vise clamps on both sides of material

Vibration free sawing in a range of interrupted and solid materials

Blade tension indicator



- Standard Equipment**
- One HSS bi-metal sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - Blade tension indicator
 - Broken blade shutoff
 - Infeed/Outfeed support rollers
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Blade brush
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit
 - Chip Auger

DC12 A-NC Specifications				
0°	12"	12"	12"x13"	230/3 460/3
	FPM			
4HP	50-330	H 1.25"	3800lbs	W 77" L 69"
		s .042		Workheight 36"
		12' 3"		

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

10 Great Reasons for Buying a Circular Saw

Price -Economical purchase price

Operation -Uncomplicated and very easy to understand and use

Maintenance -Proper maintenance is simple, and very little required

Size -Compact and takes up very little room in your shop

Cost Per Cut -Saw blades can be resharpened and retooled

Finish - High quality surface finish with burr free cuts

Squareness of Cut -Saw blade is a very rigid tool holding very accurate squareness tolerances

Time of Cut - Circular saw cutting times are very fast

Miters and Angles -Easy and accurate with minimum set up time

Versatility -The above listed characteristics make this machine the most versatile in your shop



For tubes, pipes, light structurals. Hinge type machines are generally not considered production machines, but may be used in production under carefully considered applications.

C 250

- Bench top 10" coldsaw
- Miters up to 45 degrees right
- Built in flood coolant
- Material stop
- One 10" saw blade included
- Optional stand
- Tool kit

C 300

- Takes up to 12" blade
- Miters up to 45 degrees right and left
- Built in flood coolant
- Material stop
- Storage base included
- Equal clamping on both sides of vise
- One 11" saw blade included
- Tool kit

C 315/350

- Takes up to 14" blade
- Miters up to 45 degrees right and left vise also swivels for slotting capability
- Built in flood coolant
- Material stop
- Storage base included
- Equal clamping on both sides of vise
- One 12" saw blade included
- Tool kit
- *Variable speed option (24-105rpm)

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

C 250 Specifications						
Icon	Circle	Square	Rectangle	Wavy	vise opening	
□ 0°	3"	2¾"	3½"x1¼"	220/1	4"	
▤ 45°	2¾"	2¼"	2¼"x2"	230/3		
				460/3		
1HP	50 (220/1)	D 10"	180lbs			
	52/104	(250mm)			W 16"	L 18"
		d 32mm				

C 300 Specifications						
Icon	Circle	Square	Rectangle	Wavy	vise opening	
□ 0°	4"	3½"	4¾"x3"	220/1	6¼"	
▤ 45°	3"	2¾"	3"x2¾"	230/3		
▥ 45°	3½"	2¾"	3"x2¾"	460/6		
3HP	50 (220/1)	D 11"	400lbs			
	33/66	(300mm)			W 20"	L 22"
		d 32mm			Workheight	38½"

C 315/350 Specifications						
Icon	Circle	Square	Rectangle	Wavy	vise opening	
□ 0°	4"	3¾"	3¾"x5"	220/1*	6¼"	
▤ 45°	3¾"	3¾"	3¾"x3¾"	230/3		
▥ 45°	3¾"	3¾"	3¾"x3¾"	460/3		
3.5HP	24-105 (220/1)	D 14"	650lbs			
	30/60	(350mm)			W 23"	L 24"
		d 32mm			Workheight	39¾"

*Additional charge



Vertical column machines provide the construction that is the most stable of all cold saws. This means superior sawframe guidance and vibration-free sawing, and greater accuracy throughout the entire life of the machine.

The sawframe is quickly and accurately swiveled to any angle up to 45 degrees left or 60 degrees right, with a highly visible scale for optimum accurately returning to zero.

The sawframe feed is rack & pinion which means you can easily pull through heavy workpieces effortlessly.

Models C 316 and C 320 SA are a step up from hinge type construction and may be used for production of tubes profiles and small solids.

C 316 Manual operation, manual vise (air vise option)

C 320 SA Simple semiautomatic operation, air vise



- Standard Equipment**
- One HSS sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit
 - Pull out chip tray

C 316 & C 320 SA Specifications					
Icon	Circle	Square	Rectangle	Wavy	Vise opening
0°	4"	3½"	3½"x5¾"	230/3	7¼"
45°	4"	3½"	3"x4"	460/3	
60°	3½"	3"	2¾"x3½"		
45°	4"	3½"	3"x4"		

2.5HP	RPM 17/33	D 12½"	800lbs	W 25" L 31" Workheight 36¼"
		315mm		
		d 40mm		

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

Vertical column machines provide the construction that is the most stable of all cold saws. This means superior sawframe guidance and vibration-free sawing, and greater accuracy throughout the entire life of the machine.

The sawframe is quickly and accurately swiveled to any angle up to 45 degrees left or 60 degrees right, with a highly visible scale for optimum accurately returning to zero.

The sawframe feed is rack & pinion which means you can easily pull through heavy workpieces effortlessly.

The C 370 series may be used to cut solid mild steel to the maximum capacity.

C 370 Manual operation

C 360 SA Simple semiautomatic operation, air vise

C 370 SA-V Semiautomatic operation with added features; variable speed 13-89rpm, variable vise pressure, electronic depth setting



Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

- Standard Equipment**
- One HSS sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit
 - Pull out chip tray

C 370 & C 360 SA & C 370 SA-V Specifications					
Icon	Circle	Square	Rectangle	Wavy	Vise opening
0°	4½"	4"	4"x7"	230/3	7¼"
45°	4½"	4"	4"x5"	460/3	
60°	4¼"	3¾"	3½"x3½"		
45°	4"	4"	4"x5"		

4HP	RPM 18/36	D 14½"	1000lbs	W 25" L 31" Workheight 36¼"
		370mm	1200lbs C 370 SA-V	
		d 40mm		

C 370 A-NC

The C370A-NC is a rugged, heavy-duty vertical column circular sawing machine. Vertical column constructions provides extremely stable saw frame guidance and stability with vibration free sawing!

Feeder accuracy +/- 0.005 per index

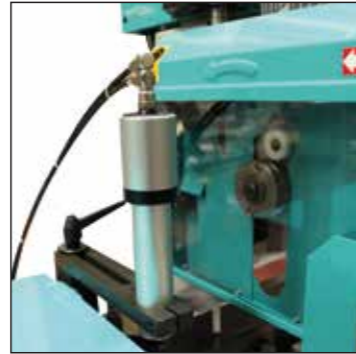
Feeder length 20" on standard version, 47" on extended version, multiple indexes

Scrap end 7"

Infinitely variable blade speeds offer flexibility to fine tune the settings for sawing even the most difficult materials.

The operators control is one of the easiest to use programmable saw control on the market.

Stores frequent jobs for fast recall



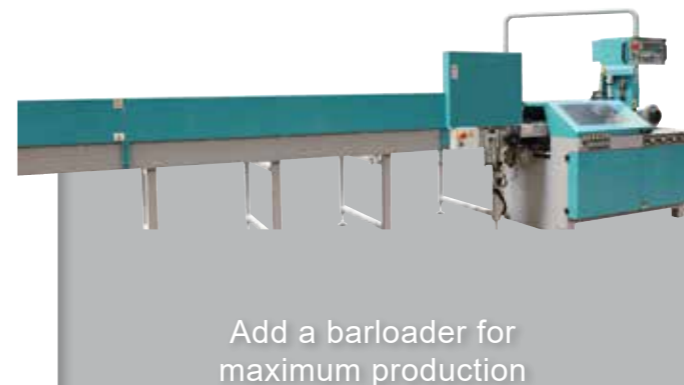
FULLY AUTOMATIC

GOLDSAWS

We offer an extended feeder option which is faster and brings the index length to 47"



- Standard Equipment**
- One HSS sawblade
 - Low-volt control Low-volt/undervolt shutoff
 - 3' infeed conveyor
 - TEFC 3 phase drive motor
 - Totally enclosed worm gear transmission
 - Blade brush
 - Full Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit
 - Pull out chip tray
 - Variable vise pressure
 - Top clamp



Add a barloader for maximum production

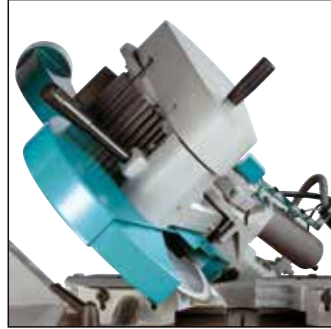
see page 40

C 370 A-NC Specifications					
Blade	Circle	Square	Rectangle	W	vise opening
0°	4½"	4"	4"x7"	230/3	7¼"
45°	4½"	4"	4"x5"	460/3	
60°	4¼"	3¾"	3½"x3½"		
45°	4"	4"	4"x5"		
4HP	RPM 13-89	D 14½"	1800lbs	W 98"	L 52"
		370mm		Workheight 35¼"	
		d 40mm			

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

GOLDSAWS

CT 350 AV



The CT 350 Series Machines are high speed circular saws for aluminum extrusions and other non-ferrous materials. These machines feature swiveling capability for mitering and swiveling/tilting capability for compound mitering.

Model CT 350 AV - Manual sawing operation with two quick clamping air vises.



- Standard Equipment**
- One carbide tipped saw blade
 - Low-volt control Low-volt/undervolt shutoff
 - TEFC 3 phase drive motor
 - Spray Mist Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit

CT 350 AV Specifications					
					vise opening
0°	4½"	4"	3"x7¾"	230/1*	8"
45°	4½"	4"	3"x5¾"	220/3	
45°	4½"	4"	3"x5¾"	460/3	
45°	2½"	2¼"	2"x7"		

2.5HP	1800/3600	D 14" (350mm)	550lbs	W 32" L 36" workheight 34¼"

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

Accessories on pages 38-43

*Additional charge



OPTIONAL

The CT 350 Series Machines are high speed circular saws for aluminum extrusions and other non-ferrous materials. These machines feature swiveling capability for mitering and swiveling/tilting capability for compound mitering.

Model CT 350 SA - Semi-automatic operation, with air over hydraulic system providing optimum sawing rates with minimum effort by the operator. Optimum cutting rates are yielded with controls over the sawing pressure and sawing speed. Air vises are equipped with infinitely variable clamping pressure to prevent distortion of structurals.

Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

Accessories on pages 38-43

CT 350 SA



- Standard Equipment**
- One carbide tipped saw blade
 - Low-volt control Low-volt/undervolt shutoff
 - TEFC 3 phase drive motor
 - Spray Mist Coolant System
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit

CT 350 SA Specifications					
					vise opening
0°	4½"	4"	3"x7¾"	230/3	8"
45°	4½"	4"	3"x5¾"	460/3	
45°	4½"	4"	3"x5¾"		
45°	2½"	2¼"	2"x7"		

2.5HP	1800/3600	D 14" (350mm)	700lbs	W 43" L 36" workheight 34¼"

SEMI-AUTOMATIC

HIGH SPEED CIRCULAR SAWS

CT 350 A-NC

CT 350 A-NC NM

The CT 350 A-NC family is high speed circular sawing machines designed for high production rates of aluminum extrusions, small aluminum solids, and other non-ferrous materials. A carbide tipped sawblade and spray mist coolant routinely yield rms 50 quality cuts. Double vising provides safety and quality.

Compound manual mitering up to 45 degrees

Feeder length 20" on standard version, 47" on extended version, multiple indexes

Scrap end 14" on standard machine, 2" on non mitering version

Single speed motor (3600rpm)

Easy setup

Feeder accuracy +/- 0.005" per index

Job memory

3' conveyor section on infeed side

Optional Chip Vac - 1100CFM designed to collect upto 85% of chips.



- Standard Equipment**
- One carbide tipped saw blade
 - Low-volt control Low-volt/undervolt shutoff
 - infeed support rollers
 - TEFC 3 phase drive motor
 - Spray Mist Coolant System
 - Top Clamp
 - Full Blade Guarding
 - Operators Manual Parts List/Schematics
 - Tool kit

We offer an extended feeder option which is faster and brings the index length to 47"



Add a barloader for maximum production

see page 40

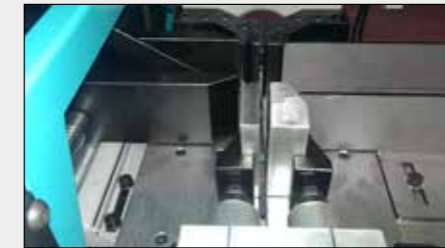
CT 350 A-NC					
					viser opening
0°	4 1/2"	4"	3"x7 3/4"	230/3	8"
45°	4 1/2"	4"	3"x5 3/4"	460/3	
45°	4 1/2"	4"	3"x5 3/4"		
45°	2 1/2"	2 1/4"	2"x7"		
3HP	3600	D 14"	1600lbs	W 98"	L 52"
		(350mm)		workheight	39 3/4"
		d 32mm			



CT 350 A-NC NM

- Non mitering
- Short scrap-end 2"
- Double suction point
- Feeder is faster than standard machine

CT 350 A-NC NM		
0°	4 1/2"	4 1/2"



Capacities shown are max envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of pieces per day.

Accessories

Worktable conveyors



Work table conveyors are mounted to machine and have a coolant trough. Available in 6' lengths.



Manual measuring can be added to worktable conveyors



Vertical and "V" rollers

Quick Stop

The Kalamazoo Quick Stop easily attaches to any conveyor system making fast and accurate cuts possible. Available in any length the quick stop is one of the most versatile stops on the market today. The stop quickly zeros against the saw blade and the display can toggle between inch and metric.

Advantages of the Kalamazoo Quick Stop

- Quick mounting T slot for attaching to almost any surface
- Customizable digital readout with long lasting AAA batteries
- Zero in any position
- Quick lock handle for securing carriage

The Kalamazoo Quick Stop is available two ways, with conveyors or ala cart.



Free standing and custom mounted conveyors



Free standing conveyors available in 5' and 10' sections.

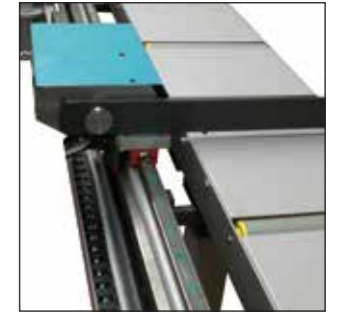
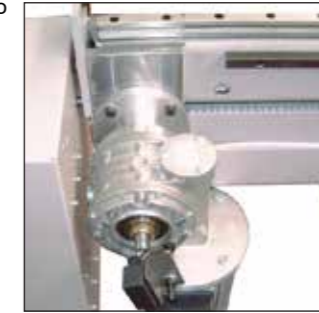


Custom machine mounted conveyors w/ micro adjustable legs. Available in 5' and 10' sections.

RTP - Programmable Stop

The RTP is a simple to use programmable stop that can be mounted to any machine.

- Program 10 different lengths
- PLC control
- Geared motor and encoder
- Automatic pull back during cut to avoid jamming
- Available in 9.5' or 19.5' lengths



Other Accessories



Footswitch- For Semiautomatic models



Spray Mist Coolant



Laser line- Can be added to any bandsaw H310 and larger



Chip Vac - 1100CFM designed to collect upto 85% of chips. Can be added to any high speed circular saw.



Pneumatic top clamp

BAR LOADER

Turn your C 370 A-NC or CT 350 A-NC into cutting powerhouse with an automatic bar loader. Just load material on to the adjustable incline rack and let the machine do all the work.

Barloader can support different sizes and shapes of material.

Quoted per application.



AVAILABLE ON

C 370 A-NC

CT 350 A-NC

PUSHER SYSTEM

Multiple lengths? Different miters? Let the KMT pusher system take the guess work out of the job.

5" display by touch screen control.

Program 20 cutting lines with different lengths, angles and quantities

Feeding by brushless motor on rack and pinion transmission

Sliding on linear guide

Manual adjustable vice

Includes 19.5' roller tables

19.5' stroke



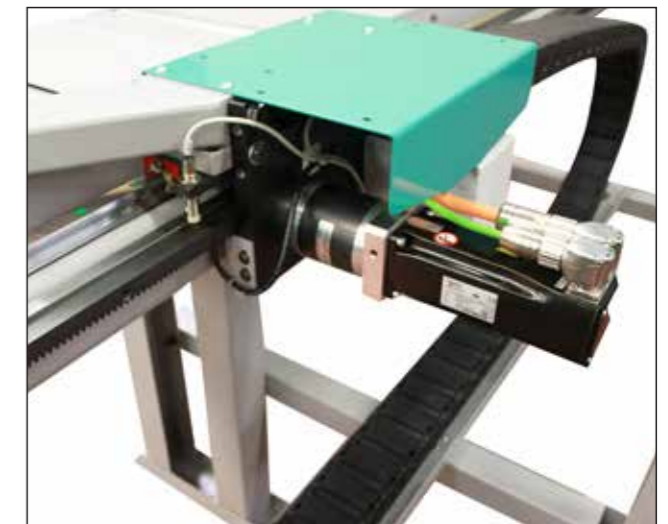
H 310 SA
H 400 SA



C 370 SA-V



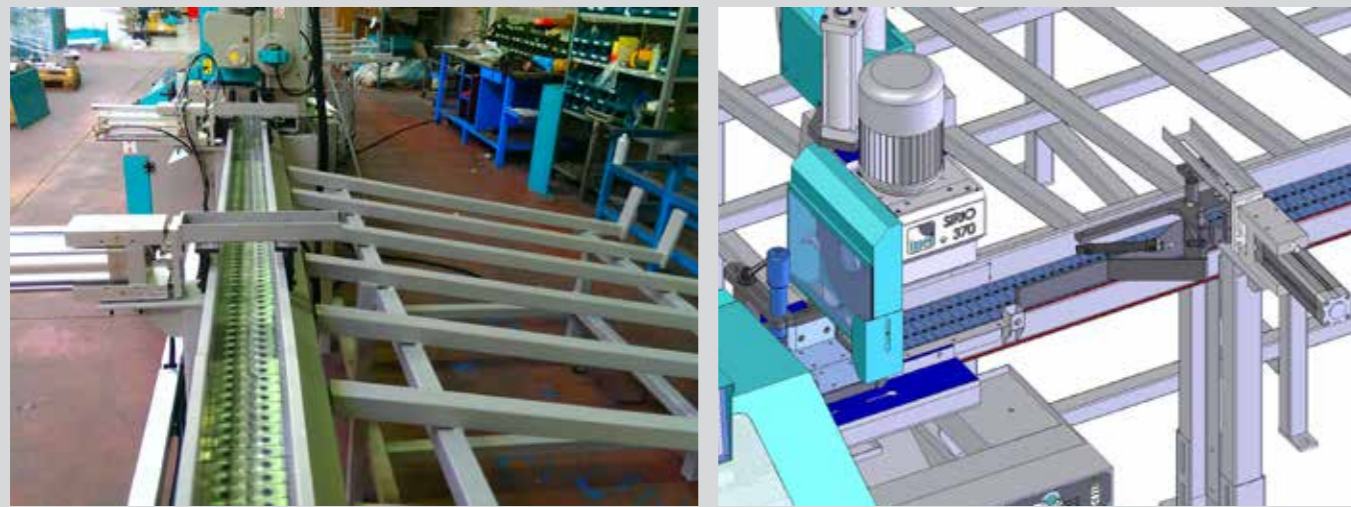
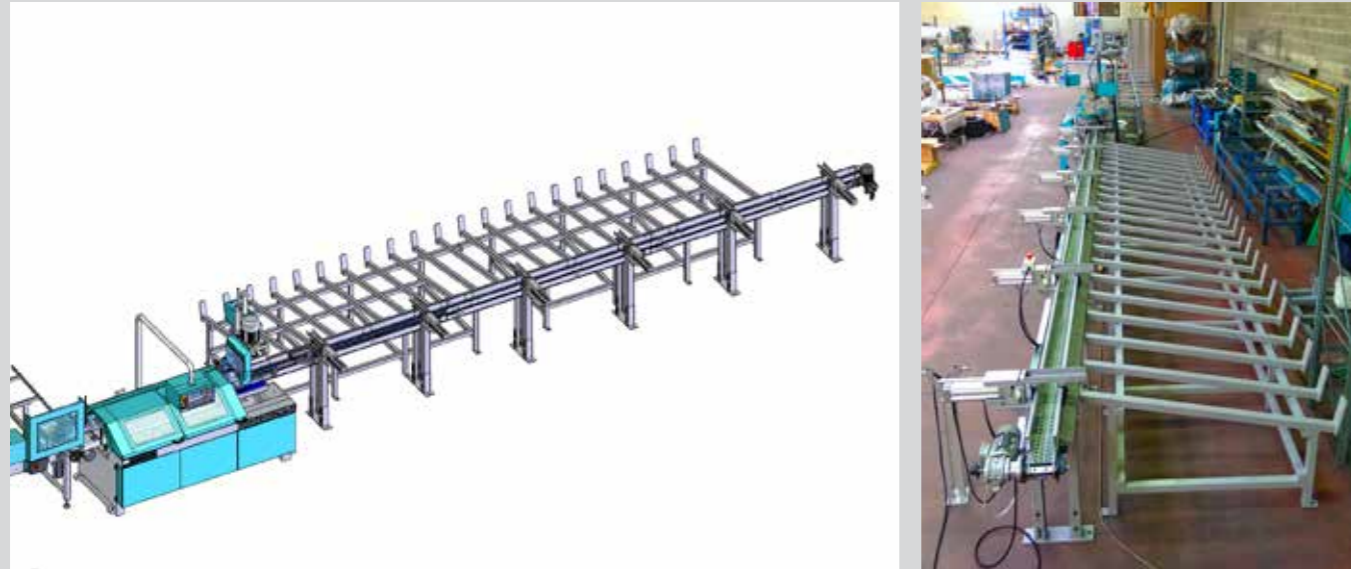
CT 350 SA



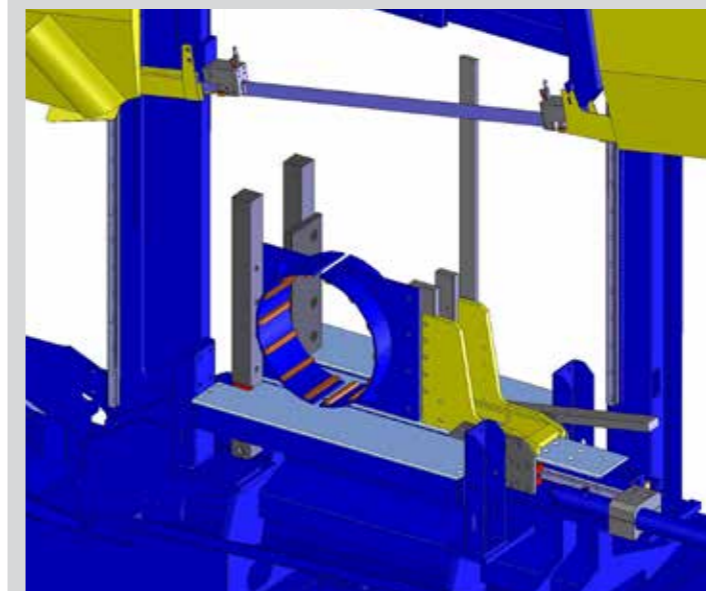
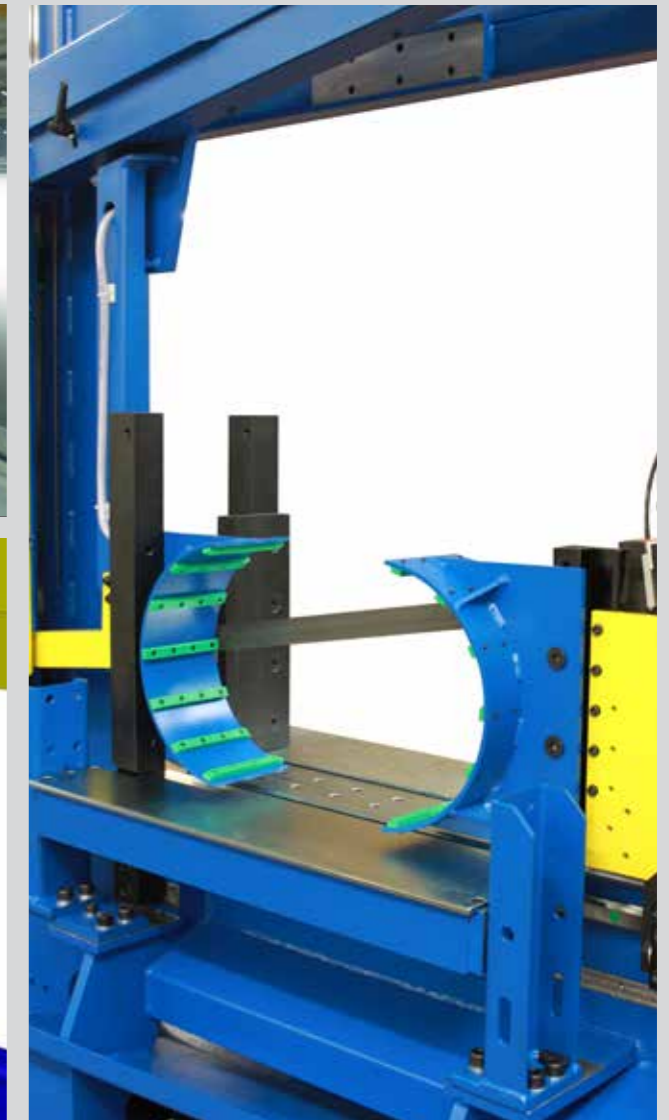
Available on

SPECIAL APPLICATIONS

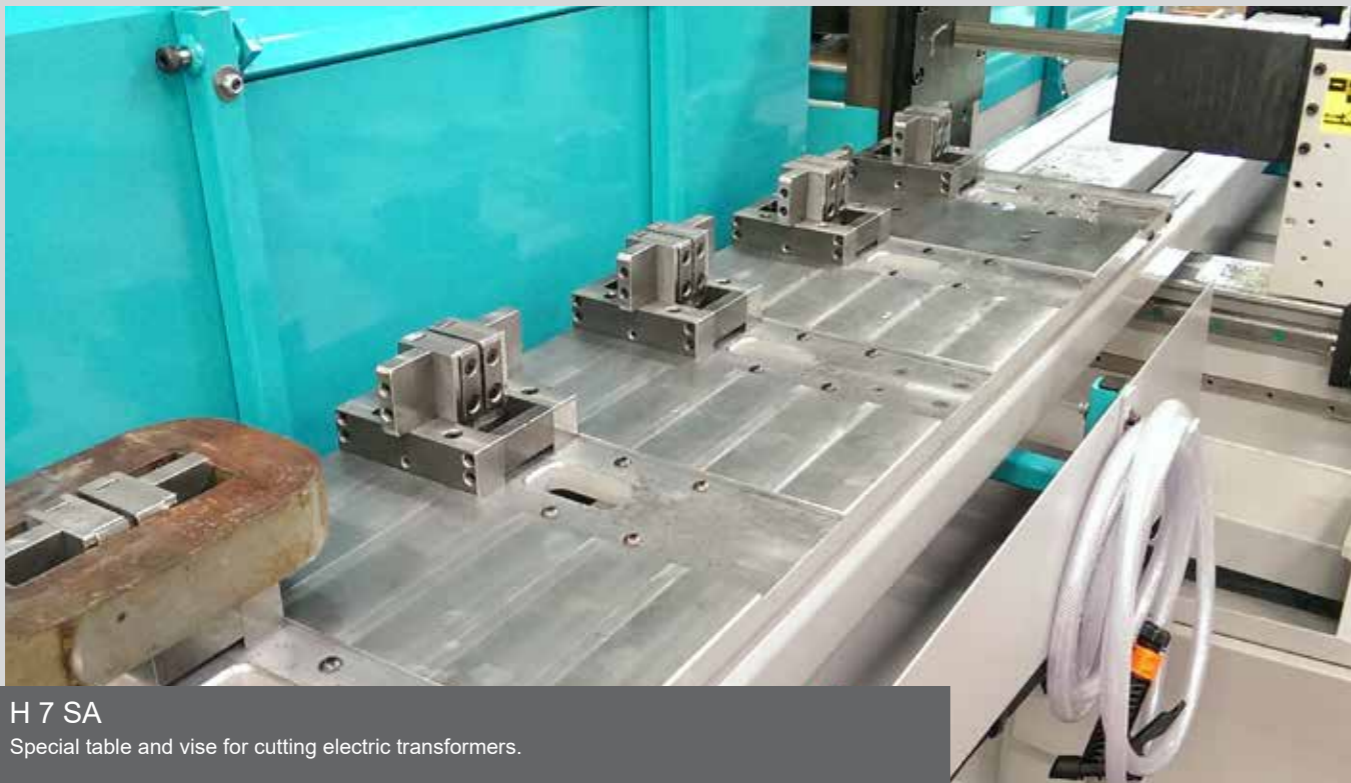
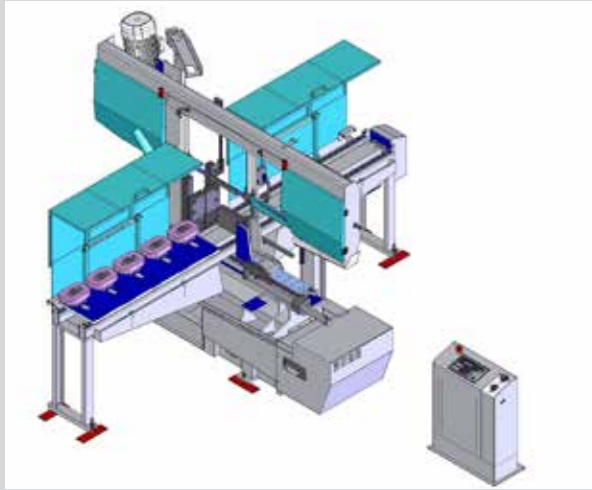
Our engineers are open to discussing and building a machine to fit your needs. The following pages are just a few of the solutions we have delivered.



C 370 A-NC
Automatic loading and unloading system.



H 820
Special vise jaws for different pipe diameters.



H 7 SA
Special table and vise for cutting electric transformers.



H 7 SA
Special clamping



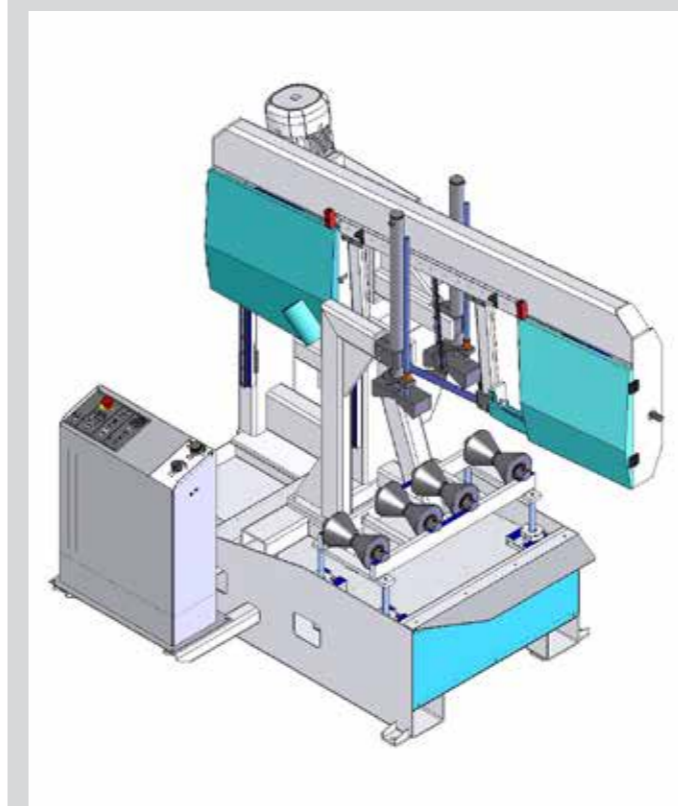
H 8 SA
Bundle size customized to customer specification.



C 370 A-NC
Automatic cutting line with loading.



Special vise.



H 601 Special
Special vise and jaws for cutting round pipes up to 550 mm.

ADDITIONAL RESOURCES

Website

www.kmtsaw.com It is impossible to show everything in a printed catalog, our website offers the most upto date information as well as more photos, links to our district sales offices, access to parts manuals, and the ability to order blades.

YouTube

Our YouTube channel www.youtube.com/kmtsaw is packed with informational and application videos of a variety of material being cut on different machines.



Price list

Price list can be obtained by giving us a call at 269-321-8860 or by typing in directly www.kmtsaw.com/pricelist.pdf

Notes



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