

PRODUCT CATALOG

BAND SAW MACHINE

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JOINT BAND SAW MACHINES

GRAVITATIONAL BAND SAW MACHINE

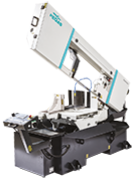
Manually controlled quick clamping vice, cut is regulated by a hydraulic damper and a restrictor choke valve. A course of a cut is not influenced by a human factor and it causes a higher blade life. A operator starts a machine pressing button START and sets a cutting speed. After finishing the cut machine stops itself automatically and an operator lifts the arm manually to the start position. Feeding of material is manual. Angle cuts are possible by arm turning.



	mm	0°	45°	60°	-45°	-60°
150x200 GHE-R	∅	150	110	x	x	x
220x250 GHE-R	∅	220	160	90	x	x
220x250 GH-R	∅	220	160	90	x	x
230x280 GH-LR	∅	230	190	120	185	x
230x280 GH-LR-M2V	∅	230	190	120	185	x
260x280 GH-LR	∅	255	215	126	195	
300x320 GH-LR	∅	300	300	200	270	x

SEMI-AUTOMATIC BAND SAW MACHINE

A hydraulic semiautomatic band saw machine SHI with a complete hydraulic control. The machine is equipped by a control system and by a hydraulic aggregate which after the starting a cycle controls vice clamping, cut, arm lifting to a selected location and vice opening. The arm of machine is pushed towards the cut by a double acting hydraulic cylinder with a possible regulation of a pressure and rate of flow. Material is manually manipulated. Turning arm for angle cuts.



	mm	0°	45°	60°	-45°	-60°
230x280 SHI-LR	∅	230	190	120	185	x
260x280 SHI-LR	∅	255	215	126	195	x
300x320 SHI-LR	∅	300	300	200	270	x
360x500 SHI-LR	∅	360	360	300	360	300
460x600 SHI-LR	∅	460	460	320	460	320

AUTOMATIC BAND SAW MACHINE

All working movements of an arm, a vice and feeders are manipulated by a hydraulic aggregate. The arm is pushed by towards the cut by a double-acting hydraulic cylinder. A speed and a force of a working movement are regulated. There is possible to make a lot of feeds. Number of pieces is set in the controlling panel, setting of a length is made manually. It is possible to choose an automatic or a semiautomatic regime where all movements are controlled independently. Angle cuts are possible.



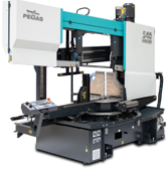
	mm	0°	45°	60°	-45°	-60°
230x280 A-CNC-R	∅	230	180	110	x	x
300x320 A-CNC-RH	∅	300	290	200	x	x
300x320 A-CNC-R	∅	300	290	200	x	x
360x500 A-CNC-R	∅	360	360	300	x	x

DOUBLE-COLUMN BAND SAW MACHINES FOR ANGULAR CUTTING

HORIZONTAL

SHI / X: Highly productive, semi-automatic dual column band saw machine. The saw is designed for cutting material in both straight and angular cuts, angular cuts adjustable 150° left, 90° perpendicular, 30° right (+/- 60 degrees). The saw is designed for cutting bars of solid material and profiles. Saw is used in series production in industrial plants. The saw is designed for cutting straight bars of steel material.

A-CNC / X-CNC: Highly productive, automatic dual column band saw with multiple material feeding The saw is designed for cutting material in both straight and angular cuts, angular cuts adjustable 150°left, 90°perpendicular, 30°right (+/- 60 degrees). The saw is designed for cutting bars of solid material and profiles. Saw is used in series production in industrial plants. The saw is designed for cutting straight bars of steel material.



	mm	0°	45°	60°	-45°	-60°
440 HORIZONTAL SHI	∅	440	430	290	430	290
440 HORIZONTAL X	∅	440	430	290	430	290
440 HORIZONTAL A-CNC	∅	440	430	290	430	290
440 HORIZONTAL X-CNC	∅	440	430	290	430	290
540 HORIZONTAL SHI	∅	540	510	350	510	310
540 HORIZONTAL X	∅	540	510	350	510	310
540 HORIZONTAL A-CNC	∅	540	510	350	510	310
540 HORIZONTAL X-CNC	∅	540	510	350	510	310
600x1100 HORIZONTAL X	∅	620	620	500	650	490

KATANA



It is a highly efficient automatic hydraulically controlled band-saw with multiple material feeding.

The band saw machine is designed for cutting in automatic cycle perpendicularly as well as angularly. It enables angle cuts to the right 0 - 60 degrees and left 0-45 degrees. Automatic turning to angular cuts is a part of cutting.

	mm	0°	45°	60°	-45°	-60°
340 KATANA X-CNC-LR	∅	350	350	230	350	x
340 KATANA SERVO	∅	350	350	230	350	x

DOUBLE-COLUMN BAND SAW MACHINES FOR BUNDLE CUTTING

PROFI



It is a highly efficient automatic hydraulically controlled band-saw with multiple material feed. The machine has massive design, it is robust and has new conception of friendly control system. The blade is sloped 7 degrees to cutting table, which enables better performance during cutting of profiles as well as full materials and enables long lifetime of blade. These parameters together with powerfull drive and blade 34 mm heigh enable high productivity of machine. The machine is designed for vertical cuts. It is suitable for serial production in industrial premises. The machine is designed to saw steel materials, but also non-ferrous and light metals. However, we recommend consulting the manufacturer about this option. **No other materials may be sawn without approval from the manufacturer.**

400 PROFI A-CNC

mm	0°	45°	60°	-45°	-60°
∅	400	x	x	x	x

CAMEL



X: Semiautomatic, hydraulically manipulated two column band saw machine. An unique construction of the band saw machine with three pulleys for leading of the blade. With the blade that is 8 grades sloped against the level guarantee high-efficiency of cutting. The machine is designed for vertical cuts. Highly efficient machine for cutting of construction steel of profile type. Secondary can be used for hardened material cutting.

X-CNC: Automatic two column band saw machine with complete hydraulic control. The machine is designed for vertical cuts. An unique construction of the band saw machine with three pulleys for leading of the blade. With the blade that is 8 grades sloped against the level guarantee high-efficiency of cutting. Highly efficient machine for cutting of construction steel of profile type. Secondary can be used for hardened material cutting.

1000 CAMEL X

1000 CAMEL X-CNC-4M

mm	0°	45°	60°	-45°	-60°
∅	1000	x	x	x	x
∅	1000	x	x	x	x

HIGHLY-EFFICIENT DOUBLE-COLUMN BAND SAW MACHINES

HERKULES



Two-column band saw machines for vertical cuts. There is the construction with the pre-tight linear bearings. This rugged machine is suitable for cutting of full materials with the attention to the cutting performance. The hydraulic aggregate controls all working functions of the semiautomatic machine. CNC= the completely numerically controlled automat with the material feeder with the possibility of setting of several programmes for setting of numbers and lengths of cutted materials.

	mm	0°	45°	60°	-45°	-60°
300x300 HERKULES X-CNC	∅	300	x	x	x	x
700x750 HERKULES X-CNC	∅	700	x	x	x	x
850x1000 HERKULES X-CNC	∅	850	x	x	x	x
1200x1400 HERKULES X	∅	1200	x	x	x	x

CALIBER



	mm	0°	45°	60°	-45°	-60°
440 CALIBER X	∅	440	x	x	x	x
440 CALIBER A-CNC	∅	440	x	x	x	x
440 CALIBER X-CNC	∅	440	x	x	x	x
444 CALIBER A-CNC	∅	440	x	x	x	x
444 CALIBER X-CNC	∅	440	x	x	x	x
540 CALIBER SHI	∅	550	x	x	x	x
540 CALIBER X	∅	550	x	x	x	x
540 CALIBER A-CNC	∅	550	x	x	x	x
540 CALIBER X-CNC	∅	550	x	x	x	x
540 CALIBER A-CNC-2M	∅	550	x	x	x	x
540 CALIBER X-CNC-2M	∅	550	x	x	x	x

THOR



It is a highly efficient automatic, band-saw with multiple material feed. Bandsaw is designed for performance cutting very hard and tough materials. This bandsaw is using extremely robust construction optimized with target to get maximum rigidity of machine and minimum vibrations. Stroke of frame and feeder stroke is realized by sharpen ball screws. Machine guarantees maximum possible power a precision. The machine is designed for vertical cuts. It is suitable for serial production in industrial premises. The machine is designed to saw steel materials, but also non-ferrous and light metals. However, we recommend consulting the manufacturer about this option. **No other materials may be sawn without approval from the manufacturer.** Conception of bandsaw is FCV= feeder-cut-main vice. Conception FCV enable cut material in automatic cycle with shortest possible end. Don't need to measure and cut ends of bar in semi-automatic cycle.

	mm	0°	45°	60°	-45°	-60°
THOR 4	∅	450	x	x	x	x
THOR 5	∅	550	x	x	x	x

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