

PRODUCT CATALOG

HISTORICAL SAWS

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HISTORICAL BAND SAWS

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 doubleacting 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°
220x250 A-NC-R	∅	220	160	90	x	x
230 AUTOMAT AFC (/ ESC)	∅	230	200	135	x	x
230 AUTOMAT AFC - HRI (/ESC)	∅	230	200	135	x	x
235 AUTOMAT NC	∅	235	180	110	x	x
235 AUTOMAT CNC	∅	235	180	110	x	x
240x280 A-NC-F	∅	260	x	x	x	x
240x280 A-NC-R-F	∅	240	190	120	x	x
240x280 A-CNC	∅	260	x	x	x	x
240x280 A-CNC-F	∅	260	x	x	x	x
240x280 A-CNC-R	∅	240	190	120	x	x
240x280 A-CNC-R-F	∅	240	190	120	x	x
290 AUTOMAT AFI-NC / ESC	∅	285	240	170	240	x
290x290 A-CNC	∅	290	x	x	x	x
290x290 A-CNC-F	∅	290	x	x	x	x
290x290 A-CNC-LR-F	∅	290	240	150	240	x
290x290 X-CNC-1500-F	∅	290	x	x	x	x
290x290 X-CNC-LR-1500-F	∅	290	240	150	240	x
295 AUTOMAT NC	∅	290	265	220	x	x
300x300 A-CNC	∅	290	260	x	x	x
300x300 A-CNC-F	∅	290	260	x	x	x
300x320 X-CNC-LR-1500	∅	300	300	200	280	x
350x400 A-CNC-LR	∅	350	320	x	320**	x
380 AUTOMAT CNC	∅	580	x	x	x	x

CAMEL



An unique conception of a band saw machine for cutting of tubes of big diameters.

	mm	0°	45°	60°	-45°	-60°
600 CAMEL SHI	∅	600	x	x	x	x
600 CAMEL X-CNC-2000	∅	600	x	x	x	x
600 CAMEL X	∅	620	x	x	x	x

GOLEM



A band saw machine with an unique conception of a two- column version and of a movable working table. The table serves for a fixing of material and its precise setting. There is possible to change a level of a blade, it enables to make vertical as well as horizontal cuts.

	mm	0°	45°	60°	-45°	-60°
850x1000 GOLEM	∅	850	x	x	x	x
1200x1600 GOLEM	∅	1200	x	x	x	x

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 bladeflife. A operator starts a machine pressing button START and sets a cutting speed. After finishing the cut machines 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°
250x315 GH-LR	∅	250	190	120	170	x
180 POPULAR STANDARD GSH	∅	180	140	100	x	x
210 POPULAR PLUS GSH	∅	210	190	130	190	x
185 POPULAR	∅	185	170	105	x	x
230 POPULAR STANDARD GSH	∅	230	200	135	180	x
230 POPULAR PLUS GSH	∅	230	200	135	180	x
235 POPULAR	∅	230	200	115	150	x
235 EKO POPULAR	∅	230	210	135	x	x
235x300 GH-LR-F	∅	235	200	115	140	x
235x300 GHI-LR	∅	235	220	115	140	x
235x300 GHI-LR-F	∅	235	200	115	140	x
235x315 GH	∅	235	210	135	x	x
235x315 GH-F	∅	235	210	135	x	x
240x280 GH-R	∅	240	180	110	x	x
240x280 GH-LR	∅	240	180	110	190	x
290 POPULAR GH	∅	285	240	170	240	x
290x320 GH-LR	∅	290	240	150	240	x
295x400 GH-LR	∅	295	240	140	180	x
300x400 GHI	∅	300	260	160	x	x
350x400 GHI-LR	∅	350	300	x	300	280
360x500 GH-LR	∅	360	360	300	360	300

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°
400x400 HERKULES X	∅	400	x	x	x	x
400x400 HERKULES X-CNC	∅	415	x	x	x	x
400x400 HERKULES X-CNC-BS2M	∅	415	x	x	x	x
510x510 HERKULES X	∅	510	x	x	x	x
510x510 HERKULES X-CNC	∅	510	x	x	x	x
300x300 HERKULES A-CNC	∅	300	x	x	x	x
850x1000 HERKULES X-VS	∅	850	x	x	x	x

HORIZONTAL

SHI / X: A two-column semiautomatic band saw machine with a complete hydraulic control. The two-column construction with linear bearings ensure max. precision and speed of blade. Turning for angle cuts up to 60 grades to the left and to the right.

X-NC-BS: It is a highly efficient automatic band-saw with multiple material feed. Controlled by hydraulic and servomotor.

The band saw machine is designed for cutting in semiautomatic cycle perpendicularly as well as angularly. Turning for angle cuts up to 60 grades to the left and to the right.



	mm	0°	45°	60°	-45°	-60°
440x600 HORIZONTAL SHI	∅	470	475	330	475	305
440x600 HORIZONTAL X-NC-BS	∅	470	475	330	475	305
500x750 HORIZONTAL X II Generation	∅	500	500	330	500	300
500x750 HORIZONTAL X-NC-BS	∅	500	500	330	500	300
500x750 HORIZONTAL SHI II Generation	∅	500	500	330	500	300
290 HORIZONTAL HRI (/ESC)	∅	285	240	x	240	x
500x750 HORIZONTAL X-NC-2000	∅	500	500	330	500	300
440x600 HORIZONTAL X-NC-2000	∅	470	475	330	475	305

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 A-CNC-R	∅	350	350	230	x	x

MANUAL BAND SAW



The manual band saw machine MAN with the complete manual service, manually controlled quick clamping vice, manually controlled cut led towards the press of the springs. The advantage of this machine is especially the sensitive feeling of the cut course, especially for a piece production. The material is moved manually. It is possible to turn the arm to make angle cuts.

	mm	0°	45°	60°	-45°	-60°
150x200 MAN	∅	150	110	x	x	x
220x250 MAN-R	∅	220	160	90	x	x
235x300 MAN-LR	∅	235	200	115	140	x
235x300 MAN-LR-F	∅	235	200	115	140	x

PORTAL



A band saw machine with an unique conception of a two-column version and of a movable working table. The table serves for a fixing of material and its precise setting. There is possible to change a level of a blade, it enables to make vertical as well as horizontal cuts.

	mm	0°	45°	60°	-45°	-60°
1250x1600 PORTAL	∅	1250	x	x	x	x

PROFI



An unique conception of a band saw machine for cutting of tubes of big diameters.

	mm	0°	45°	60°	-45°	-60°
550x1300 Profi X	∅	610	x	x	x	x
400 PROFI SHI	∅	400	x	x	x	x

SEMIAUTOMATIC 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 press and rate of flow. Material is manually manipulated. Turning arm for angle cuts.



	mm	0°	45°	60°	-45°	-60°
250x315 SH-LR	∅	250	190	120	170	x
230 PROFESIONAL PLUS SHI (/ ESC)	∅	230	200	135	180	x
230 PROFESIONAL STANDARD SHI (/ ESC)	∅	230	200	135	x	x
235 EKO PROFESIONAL	∅	235	200	135	x	x
230x280 SH-LR	∅	230	190	100	170	x
300x320 SH-LR	∅	300	300	200	270	x
235x300 SHI-LR	∅	235	200	115	140	x
235x300 SHI-LR-F	∅	235	200	115	140	x
240x280 SHI-R-F	∅	240	180	110	x	x
240x280 SHI-LR-F	∅	240	180	110	190	x
290 PROFESIONAL SHI (/ESC)	∅	285	240	170	240	x
290x320 SHI-LR-F	∅	290	240	150	240	x
295x400 SHI-LR-F	∅	295	240	140	180	x
300x400 SHI-F	∅	300	240	150	x	x
230x280 SHI-LR AKCE	∅	230	190	100	170	x

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