

# PRODUCT CATALOG

## BAND SAW MACHINE

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## JOINT BAND SAW MACHINES

### GRAVITATIONAL BAND SAW MACHINE

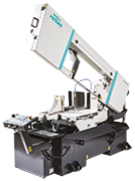
Manually controlled quick clamping vice, cut is regulated by a hydraulic damper and a restrictor choke valve. A course of a cut is not influenced by a human factor and it causes a higher blade life. A operator starts a machine pressing button START and sets a cutting speed. After finishing the cut machine 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°
<b>150x200 GHE-R</b>	∅	150	110	x	x	x
<b>220x250 GHE-R</b>	∅	220	160	90	x	x
<b>220x250 GH-R</b>	∅	220	160	90	x	x
<b>230x280 GH-LR</b>	∅	230	190	120	185	x
<b>300x320 GH-LR</b>	∅	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°
<b>230x280 SHI-LR</b>	∅	230	190	120	185	x
<b>300x320 SHI-LR</b>	∅	300	300	200	270	x
<b>360x500 SHI-LR</b>	∅	360	360	300	360	300
<b>460x600 SHI-LR</b>	∅	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°
<b>230x280 A-CNC-R</b>	∅	230	180	110	x	x
<b>300x320 A-CNC-R II Generation</b>	∅	300	290	200	x	x
<b>360x500 A-CNC-R</b>	∅	360	360	300	x	x

# DOUBLE-COLUMN BAND SAW MACHINES FOR ANGULAR CUTTING

## 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°
<b>440 HORIZONTAL SHI</b>	∅	440	430	290	430	290
<b>440 HORIZONTAL X</b>	∅	440	430	290	430	290
<b>440 HORIZONTAL A-CNC</b>	∅	440	430	290	430	290
<b>440 HORIZONTAL X-CNC</b>	∅	440	430	290	430	290
<b>540 HORIZONTAL SHI</b>	∅	540	510	350	510	310
<b>540 HORIZONTAL X</b>	∅	540	510	350	510	310
<b>540 HORIZONTAL A-CNC</b>	∅	540	520	310	520	310
<b>540 HORIZONTAL X-CNC</b>	∅	540	510	350	510	310
<b>600x1100 HORIZONTAL X</b>	∅	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°
<b>340 KATANA X-CNC-LR</b>	∅	350	350	230	350	x

# DOUBLE-COLUMN BAND SAW MACHINES FOR BUNDLE CUTTING

## PROFI



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

### 400 PROFI A-CNC

mm	0°	45°	60°	-45°	-60°
∅	400	x	x	x	x

## CAMEL



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

### 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°
<b>300x300 HERKULES X-CNC</b>	∅	300	x	x	x	x
<b>700x750 HERKULES X</b>	∅	700	x	x	x	x
<b>700x750 HERKULES X-CNC</b>	∅	700	x	x	x	x
<b>850x1000 HERKULES X</b>	∅	850	x	x	x	x
<b>850x1000 HERKULES X-CNC</b>	∅	850	x	x	x	x
<b>1200x1400 HERKULES X</b>	∅	1200	x	x	x	x

## CALIBER



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

## THOR

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°
<b>THOR 4</b>	∅	450	x	x	x	x
<b>THOR 5</b>	∅	550	x	x	x	x

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