

Professional band saws for metal

TMJ

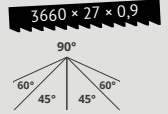


2020
Made in Czech Republic

Semi-automatic

HYDRAULIC SEMI-AUTOMATIC MACHINES

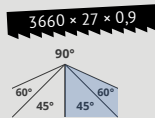
Working in cycle: hydraulic material clamping, saw blade starts, cut, saw blade stops and saw arm moves up to the position set. Saws are as standard equipped with a frequency inverter, which enables continuous regulation of saw blade speed. Saw blade pressure into cut is controlled by an automatic valve (derived from cutting resistance), which regulates feeding speed into cut by solid material to conform to cutting conditions set and to prevent overloading the of saw blade. Feeding speed of saw arm towards material is realized through a throttle valve.



PP 302

TECHNICAL SPECIFICATION:	Other parameters:
Cutting range:	motor [kW] 1,5
90° ● 305 ■ 360 × 305	cutting speed [m/min.] 18-76
	weight [kg] 780
	dimensions [mm] 1800 × 1140 × 1570

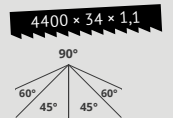
Semi-automatic electrohydraulic double column band saw machine for metal dedicated for straight cuts. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions.



PP 302 G

TECHNICAL SPECIFICATION:	Other parameters:
Cutting range:	motor [kW] 1,5
90° ● 305 ■ 360 × 305	cutting speed [m/min.] 18-76
45° ● 255 ■ 255 × 305	weight [kg] 780
60° ● 125 ■ 125 × 305	dimensions [mm] 1800 × 1140 × 1650

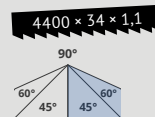
Semi-automatic electrohydraulic band saw machine for metal. This double column band saw is dedicated for straight cuts with a possibility of mitre cutting from 90° to 60° right. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions. Respective angle can be set continuously without a change in clamping of material.



PP 362

TECHNICAL SPECIFICATION:	Other parameters:
Cutting range:	motor [kW] 2,2
90° ● 360 ■ 430 × 360	cutting speed [m/min.] 10-90
	weight [kg] 1090
	dimensions [mm] 2170 × 1220 × 1820

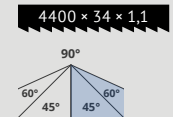
Semi-automatic electrohydraulic double column band saw machine for metal dedicated for straight cuts. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions.



PP 362 G

TECHNICAL SPECIFICATION:	Other parameters:
Cutting range:	motor [kW] 2,2
90° ● 360 ■ 430 × 360	cutting speed [m/min.] 10-90
45° ● 305 ■ 305 × 360	weight [kg] 1090
60° ● 175 ■ 175 × 360	dimensions [mm] 2170 × 1220 × 1820

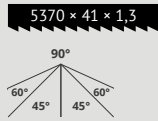
Semi-automatic electrohydraulic band saw machine for metal. This double column band saw is dedicated for straight cuts with a possibility of mitre cutting from 90° to 60° right. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions. Respective angle can be set continuously without a change in clamping of material.



PP 501

TECHNICAL SPECIFICATION:	Other parameters:
Cutting range:	motor [kW] 2,2
90° ● 400 ■ 500 × 400	cutting speed [m/min.] 10-90
45° ● 305 ■ 305 × 400	weight [kg] 1050
60° ● 215 ■ 215 × 400	dimensions [mm] 2170 × 1220 × 1740

Semi-automatic electrohydraulic band saw machine for metal. This one column band saw is dedicated for straight cuts with a possibility of mitre cutting from 90° to 60° right. Respective angle can be set continuously without a change in clamping of material.



PP 502

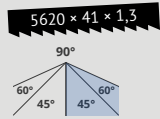
TECHNICAL SPECIFICATION:

Cutting range:
90° ● 500 ■ 500 × 500

Other parameters:

motor [kW] 4
cutting speed [m/min.] 10–90
weight [kg] 1450
dimensions [mm] 2800 × 1260 × 2120

Semi-automatic electrohydraulic double column band saw machine for metal dedicated for straight cuts. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions.



PP 502 G

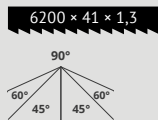
TECHNICAL SPECIFICATION:

Cutting range:
90° ● 500 ■ 500 × 500
45° ● 370 ■ 370 × 500
60° ● 250 ■ 250 × 500

Other parameters:

motor [kW] 4
cutting speed [m/min.] 12–92
weight [kg] 1550
dimensions [mm] 2800 × 1260 × 2300

Semi-automatic electrohydraulic band saw machine for metal. This double column band saw is dedicated for straight cuts with a possibility of mitre cutting from 90° to 60° right. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions. Respective angle can be set continuously without a change in clamping of material.



PP 602

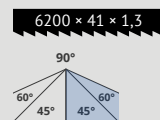
TECHNICAL SPECIFICATION:

Cutting range:
90° ● 600 ■ 600 × 600

Other parameters:

motor [kW] 4
cutting speed [m/min.] 10–100
weight [kg] 1750
dimensions [mm] 3150 × 1260 × 2250

Semi-automatic electrohydraulic double column band saw machine for metal dedicated for straight cuts. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions.



PP 602 G

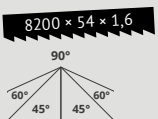
TECHNICAL SPECIFICATION:

Cutting range:
90° ● 600 ■ 600 × 600
45° ● 420 ■ 420 × 600
60° ● 270 ■ 270 × 600

Other parameters:

motor [kW] 4
cutting speed [m/min.] 10–100
weight [kg] 1750
dimensions [mm] 3150 × 1260 × 2250

Semi-automatic electrohydraulic band saw machine for metal. This double column band saw is dedicated for straight cuts with a possibility of mitre cutting from 90° to 60° right. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions. Respective angle can be set continuously without a change in clamping of material.



PP 700

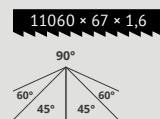
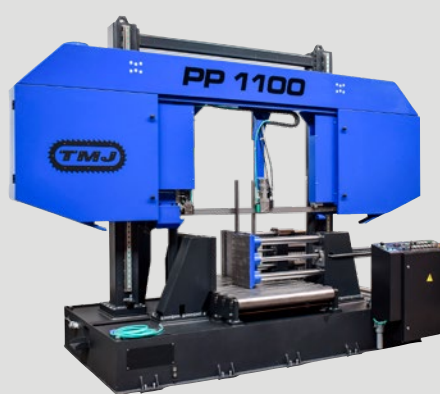
TECHNICAL SPECIFICATION:

Cutting range:
90° ● 700 ■ 700 × 700

Other parameters:

motor [kW] 7,5
cutting speed [m/min.] 10–110
weight [kg] 5250
dimensions [mm] 3840 × 1710 × 2760

Semi-automatic electrohydraulic double column band saw machine for metal dedicated for straight cuts. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions.



PP 1100

TECHNICAL SPECIFICATION:

Cutting range:
90° ● 1080 ■ 1145 × 1080

Other parameters:

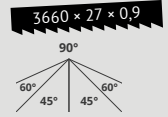
motor [kW] 11
cutting speed [m/min.] 10–75
weight [kg] 10500
dimensions [mm] 5100 × 2500 × 3600

Semi-automatic electrohydraulic double column band saw machine for metal dedicated for straight cuts. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions.

Automatic

HYDRAULIC AUTOMATIC MACHINES

Saws are operated by programmable control system. Possibility of programming unlimited number of different programs, in each program up to 100 different cutting lengths, number of pieces and cutting speed may be set. Saw stops after the quantity of pieces set is achieved, no material to cut, saw blade breaks or an error with its identification appears. This saw is equipped with electro-hydraulic feeding system with electronic back stop or with electronic feeding system till 500 mm length of material at least (arbitrarily repeatable).

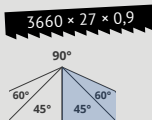


Fully automatic electrohydraulic band saw machine for metal dedicated for straight cuts. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions.

Band saw is equipped with electronic feeding of material up to length of 600 mm by means of ball screw (arbitrarily repeatable) with step feeding from the rear position of accuracy of $\pm 0,1$ mm.

PP 302 CNC

TECHNICAL SPECIFICATION:		Other parameters:	
Cutting range:		motor [kW]	2,2
90° ● 305	■ 360 × 305	cutting speed [m/min.]	10–115
		weight [kg]	1200
		dimensions [mm]	1800 × 2040 × 1650

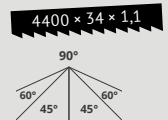


Fully automatic electrohydraulic band saw machine for metal dedicated for straight cuts with a possibility of mitre cutting from 90° to 60° right in automatic mode. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions.

PP 302 GCNC

TECHNICAL SPECIFICATION:		Other parameters:	
Cutting range:		motor [kW]	2,2
90° ● 305	■ 360 × 305	cutting speed [m/min.]	10–115
45° ● 255	■ 255 × 305	weight [kg]	1200
60° ● 125	■ 125 × 305	dimensions [mm]	1800 × 2040 × 1650

Band saw is equipped with electronic feeding of material up to length of 600 mm by means of ball screw (arbitrarily repeatable) with step feeding from the rear position of accuracy of $\pm 0,1$ mm.

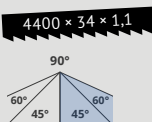


Fully automatic electrohydraulic band saw machine for metal dedicated for straight cuts. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions.

Band saw is equipped with electrohydraulic feeding of material up to length of 500 mm (arbitrarily repeatable) with continuously adjustable mechanic back stop of accuracy of $\pm 0,1$ mm.

PP 362 CNC

TECHNICAL SPECIFICATION:		Other parameters:	
Cutting range:		motor [kW]	3
90° ● 360	■ 430 × 360	cutting speed [m/min.]	12–115
		weight [kg]	1650
		dimensions [mm]	2170 × 2290 × 1820

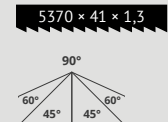


Fully automatic electrohydraulic band saw machine for metal dedicated for straight cuts with a possibility of mitre cutting from 90° to 60° right in automatic mode. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions.

PP 362 GCNC

TECHNICAL SPECIFICATION:		Other parameters:	
Cutting range:		motor [kW]	3
90° ● 360	■ 430 × 360	cutting speed [m/min.]	12–115
45° ● 305	■ 305 × 360	weight [kg]	1650
60° ● 175	■ 175 × 360	dimensions [mm]	2170 × 2290 × 1820

Band saw is equipped with electrohydraulic feeding of material up to length of 500 mm (arbitrarily repeatable) with continuously adjustable mechanic back stop of accuracy of $\pm 0,1$ mm.



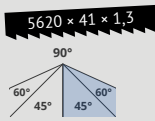
Fully automatic electrohydraulic band saw machine for metal dedicated for straight cuts. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions.

Band saw is equipped with electrohydraulic feeding of material up to length of 500 mm (arbitrarily repeatable) with continuously adjustable mechanic back stop of accuracy of $\pm 0,1$ mm.

PP 502 CNC

TECHNICAL SPECIFICATION:		Other parameters:	
Cutting range:		motor [kW]	4
90° ● 500	■ 500 × 500	cutting speed [m/min.]	10–90
		weight [kg]	2200
		dimensions [mm]	2800 × 2320 × 1990

Automatic



Fully automatic electrohydraulic band saw machine for metal dedicated for straight cuts with a possibility of mitre cutting from 90° to 60° right in automatic mode. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions.

PP 502 GCNC

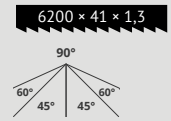
TECHNICAL SPECIFICATION:

Cutting range:
 90° ● 500 ■ 500 × 500
 45° ● 370 ■ 370 × 500
 60° ● 250 ■ 250 × 500

Other parameters:

motor [kW] 4
 cutting speed [m/min.] 12–90
 weight [kg] 2200
 dimensions [mm] 2800 × 2320 × 2300

Band saw is equipped with electrohydraulic feeding of material up to length of 500 mm (arbitrarily repeatable) with continuously adjustable mechanic back stop of accuracy of ± 0,1 mm.



Fully automatic electrohydraulic band saw machine for metal dedicated for straight cuts. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions.

PP 602 CNC

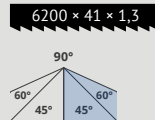
TECHNICAL SPECIFICATION:

Cutting range:
 90° ● 600 ■ 600 × 600

Other parameters:

motor [kW] 4
 cutting speed [m/min.] 10–100
 weight [kg] 2550
 dimensions [mm] 3150 × 2270 × 2250

Band saw is equipped with electrohydraulic feeding of material up to length of 500 mm (arbitrarily repeatable) with continuously adjustable mechanic back stop of accuracy of ± 0,1 mm.



Fully automatic electrohydraulic band saw machine for metal dedicated for straight cuts with a possibility of mitre cutting from 90° to 60° right in automatic mode. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions.

PP 602 GCNC

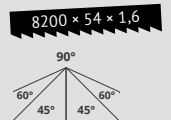
TECHNICAL SPECIFICATION:

Cutting range:
 90° ● 600 ■ 600 × 600
 45° ● 420 ■ 420 × 600
 60° ● 270 ■ 270 × 600

Other parameters:

motor [kW] 4
 cutting speed [m/min.] 10–100
 weight [kg] 2550
 dimensions [mm] 3150 × 2270 × 2250

Band saw is equipped with electrohydraulic feeding of material up to length of 500 mm (arbitrarily repeatable) with continuously adjustable mechanic back stop of accuracy of ± 0,1 mm.



Fully automatic electrohydraulic band saw machine for metal dedicated for straight cuts. Two columns, stand and crossbar create a closed frame, which ensures perfect rigidity and therefore accurate and fine cut while using maximal technological conditions.

PP 700 CNC

TECHNICAL SPECIFICATION:

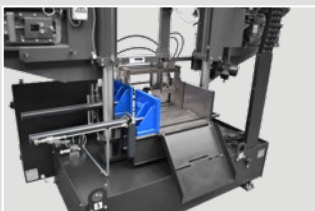
Cutting range:
 90° ● 700 ■ 700 × 700

Other parameters:

motor [kW] 7,5
 cutting speed [m/min.] 10–110
 weight [kg] 6500
 dimensions [mm] 3840 × 2790 × 2760

Band saw is equipped with electrohydraulic feeding of material up to length of 500 mm (arbitrarily repeatable) with continuously adjustable mechanic back stop of accuracy of ± 0,1 mm.

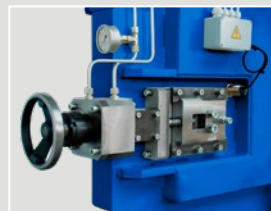
Optional accessories



Second fixed vice



Motorized brush for chips



Hydraulic blade tensioning



Hydraulic bundle clamping



Laser line marker
Machine lamp



Micro spray coolant system



Variable vice pressure



Chip rake conveyor

Roller conveyors



Non-powered RB 500-700-1000

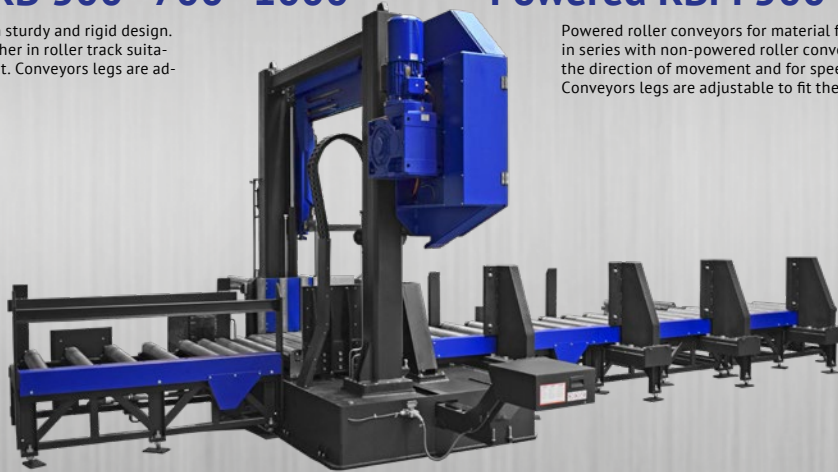
Non-powered roller conveyors with sturdy and rigid design. Single sections can be joined together in roller track suitable for material feed in and feed out. Conveyors legs are adjustable to fit the working height.



Powered RBM 500-700-1000

Powered roller conveyors for material feed into cut. They can be used separately or in series with non-powered roller conveyors. Control box with control buttons for the direction of movement and for speed regulation is placed beside the conveyor. Conveyors legs are adjustable to fit the working height.

TECHNICAL SPECIFICATION:
length [mm] 2000
width [mm] 500 - 700 - 1010



Accessories



L0



L1



L1



L2



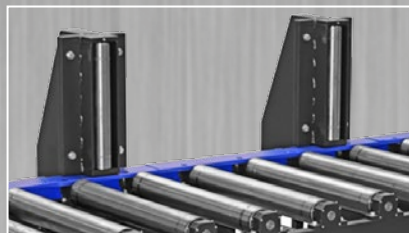
L2



BV - profiles



BV - solid material



BV - heavy duty



RN



STROJÍRNA JESENICE s.r.o.

Zahradní 223, 270 33 Jesenice, Czech Republic
Phone: +420 313 521 910, Email: info@tmj.cz
www.tmj.cz

Dealer/Agent: