

Analyse. Develop. Create.

Tailor-made machine concepts by Mössner

www.moessner-kg.de

Analysieren. Entwickeln. Machen.





For good reason Mössner Bandsaw Machines are used in all sectors of industry, mainly in the metal processing industry, for a wide range of cutting solutions.

Stable and low-vibration machine bodies, a powerful and at the same time efficient drive, solid mechanics, electronics and workmanship are characteristic features of all Mössner Bandsaw Machines. Thereby our machines guarantee a smooth run and thus long service life and durability.

Mössner REKORD standard machines are exclusively designed and manufactured in our plant in Eschach representing quality "made in Germany".

Our bandsaw machines are constructed for universal use, providing flexibility due to a large range of accessories and special equipment so that the machine can be specifically equipped for your requirements.

Do you need to cut special dimensions, workpieces or materials?
Our testing department is at your disposal to cut your workpieces.

Our objective is to design our bandsaw machine as efficient as possible by means of tools and special equipment to find an optimum solution for your specific needs.

Our team is ready to give advice on your particular demands – just call us!

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STEEL AND METAL BANDSAW MACHINES

SPECIAL EQUIPMENT



Butt welder

Butt welder EBS for sawblades, incl. shear and grinding motor.

Available EBS types:

- ⇒ For bandsaw type SSF420:
EBS16 for max. 16 mm sawblade width
- ⇒ For bandsaw types SSF520, SSF630, SSF1600:
EBS 25 for max. 25 mm sawblade width



SAWBLADE GUIDANCE

(dimensions depending on sawblade)

Sawblade guidance

Sawblade jaw guides with exchangeable carbide-tipped guide inserts, available in different sizes.



Guide rollers

Sawblade roller guidance for cutting speeds from 250 m/min., available in different sizes.



Special roller guidance for melting cuts

Special roller guidance for melting cuts with 1 pair guidance rings for 20 mm wide sawblades (other sizes available on request).

STEEL AND METAL BANDSAW MACHINES

SPECIAL EQUIPMENT



SAFETY EQUIPMENT

Emergency push-button

Additional pedal switch for emergency stop.



Safety magnetic brake upper wheel

Automatic braking of the upper wheel with safety magnetic brake in case of emergency switch off of the machine.

HELPFUL EQUIPMENT

Straight cutting device

(not available with feed table)

The straight cutting device is attached to the working table by means of 4 pins.

The feed can be done manually.

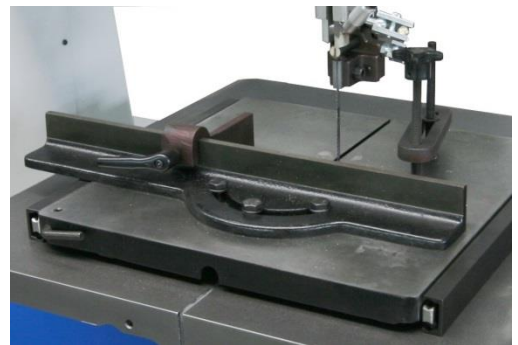
Following cuts can be done:

- Cuts with angle up to 45° by means of the angle stopper (adjustable to mitre)
- Cuts with length up to 230 mm by means of the adjustable length stopper
- Depth of cut can be limited with another stopper

Technical data:

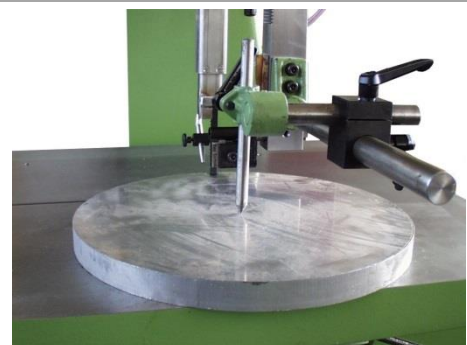
Size: 400 x 400 mm

Feed way: 240 mm



Round cutting device

Round cutting device for cutting of rounds from Ø 50 mm up to 580 mm.



STEEL AND METAL BANDSAW MACHINES

SPECIAL EQUIPMENT



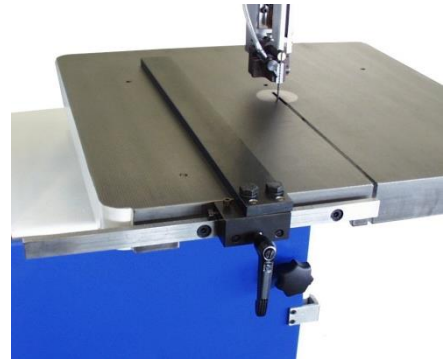
HELPFUL EQUIPMENT

Parallel ledger

Parallel ledger consisting of:

- Scaled guide bar
- Guide cone with clamping
- Stopper lineal
- Adjusting range depending on machine type

Type SSF420	up to 290mm
Type SSF520/SSF630/SSF1600	up to 390mm
Type SSF801	up to 550mm



Workpiece holder

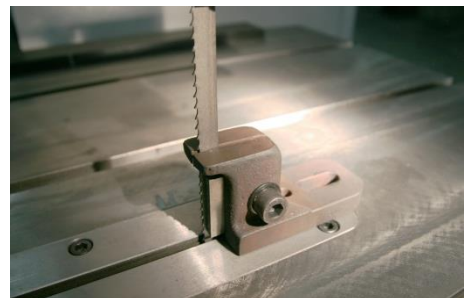
Workpiece holder for safe and exact guiding of the workpiece.



Cutting support device

The cutting support device is used to cut thin sheets with thickness up to approx. 6 mm.

Due to the small contact surface the sheet is prevented from vibrating and thus minimises the risk that teeth of sawblade break.



STEEL AND METAL BANDSAW MACHINES

SPECIAL EQUIPMENT



FEED TABLES STANDARD BANDSAW MACHINES

Feed tables

- Feed table with 4 T-grooves and wear parts
- Feed way depending on machine type
- Work table inclinable, to the right side approx. 8° and to the left side approx. 14°
- Instead of usual table execution

Available versions:

- Manual feed table with fixing (not available for type SSF801)
- Manual feed table with lead screw
- Electric feed table with servo motor and ball screw

In case an electric feed table is chosen for bandsaw type SSF420 the machine is additionally equipped with mechanic band tension device with hydraulic indication. Starting from size SSF520 the mechanic band tension is serially included.

<u>Feed way / Table sizes:</u>	Feed way approx.	Table size approx.
SSF420	230 mm	600x700 mm
SSF520, SSF630, SSF1600	350 mm	830x790 mm
SSF801	500 mm	1020x1000 mm

Tables in other sizes can be quoted on request.

Examples:



Manual feed table SSF420, with lead screw



Electric feed table SSF420

SPECIAL EQUIPMENT FEED TABLES

One-Axis-Positioning Control

- Feed length is entered via keyboard
- Actual value shown on digital display
- Electronic routing with incremental encoder
- Automatic switch off of feed movement when pre-set measurements are reached
- Max. 10 programs with 10 lines each

STEEL AND METAL BANDSAW MACHINES

SPECIAL EQUIPMENT



OTHERS

LED lamp

LED lamp for lighting of the working area.



Minimum spray device

Minimum spray device for lubrication of saw blade with thin oil

Consisting of:

- 1 spray head
- pressure container for 1 l content (lubricant not included)



Mechanic sawblade tension device

(serially included starting from size SSF520)

Mechanic sawblade tension device with hydraulic indication instead of standard device.

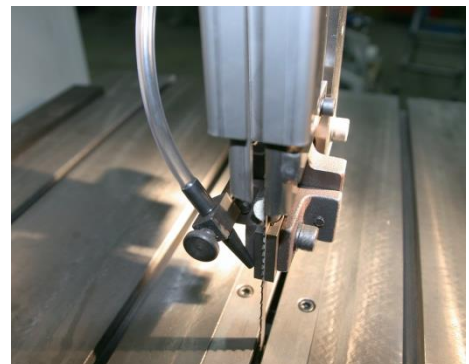
Incl. switch-off of drive in case of sawblade breakage.



Blowing off device

Blowing off of chips at the sawblade.

Pressure air provided by customer.



STEEL AND METAL BANDSAW MACHINES

SPECIAL EQUIPMENT



OTHERS

Alignment with laser

For exact positioning a laser beam projects a laser beam on the surface of the workpiece. This beam points out the cutting channel.

Used laser:

Helium-neon-laser with a prefixed line-optic, not dangerous for the eye (corneal reflex).



Connection piece for suction

Suction of chips at two points: lower sawblade guidance and lower wheel-box. Joined to 1 suction point for connection to suction system (by customer).

Design:

- Funnel with connection pieces under the working table, at the lower sawblade guidance
- Connection pieces in the lower wheel-box
- Housing of the drive wheel
- Diameter of the connecting pieces: 80 mm



Hydraulic sawblade tension

- Tension is activated by push button
- In case the saw blade tensioning drops / loosens the pre-set sawblade tension resets automatically
- When the machine is turned off, residual tension remains, to prevent the saw blade from sliding off the wheel



Swivelling control panel

(Starting from size SSF1600 the swivelling control panel is serially included)

Control panel with two pivotal points:

- Pivotal point 1 at the saw throat
- Pivotal point 2 at the operator's panel

The most important operating keys are integrated in the control panel. The main switch remains in the control cabinet.

Height of bottom edge operator's panel 1400 mm.



STEEL AND METAL BANDSAW MACHINES

PRICE LIST SPECIAL EQUIPMENT

Valid from July 1, 2016 to June 30, 2017



Sawblade guidance (dimensions depending on sawblade)	Bandsaw type	Price EUR
Carbide-tipped guide inserts, available in different sizes, price per pair	All types	84,00
Guide rollers, price per set (1 set = 2 pc. with back, 2 pc. without back)	SSF420	430,00
	SSF520, SSF630, SSF1600	564,00
Special roller guidance for melting cuts with 1 pair guidance rings for 20 mm wide sawblades (other sizes available on request).	SSF520, SSF630, SSF1600	1.530,00
Guidance rings, price per set (1 set = 2 pc. with back, 2 pc. without back)	SSF520, SSF630, SSF1600	380,00
	SSF801	380,00

Wheels	Bandsaw type	Price EUR
Exchangeable aluminium wheels with vulcanized hard rubber coating, price per piece	SSF420	328,00
	SSF520, SSF1600	379,00
	SSF630, SSF801	1.051,00
Credit for worn wheels, if still usable and returned free of charge (per piece).	SSF420	128,00
	SSF520, SSF1600	169,00
	SSF630, SSF801	738,00

Safety equipment	Bandsaw type	Price EUR
Emergency push-button (serially included in SSF801)	All types	195,00
Safety magneto brake for undriven wheel	SSF420, SSF520, SSF630	707,00
	SSF 801	1.630,00
	SSF1600	1.415,00

STEEL AND METAL BANDSAW MACHINES

PRICE LIST SPECIAL EQUIPMENT

Valid from July 1, 2016 to June 30, 2017



Helpful equipment	Bandsaw type	Price EUR
Straight cutting device (not available with feed table)	All types	910,00
Round cutting device for rounds up to Ø 580 mm	All types	338,00
Parallel ledger	All types, except SSF801	466,00
Parallel ledger, one-side bearing	SSF801	1.980,00
Workpiece holder	All types	100,00
Cutting support device (without guide insert)	All types	67,00

Feed tables with 4 T-grooves Instead of standard table	Bandsaw type	Price EUR
Manual feed table with fixing (not available for type SSF801)	SSF420 230mm feed way	2.520,00
	SSF520, SSF 630, SSF1600 350mm feed way	3.580,00
Manual feed table with lead screw	SSF420 230mm feed way	3.570,00
	SSF520, SSF 630, SSF1600 350mm feed way	5.040,00
	SSF801 500mm feed way	10.970,00
Electric feed table with servo motor and ball screw	SSF420 230mm feed way	7.590,00
	SSF520, SSF 630, SSF1600 350mm feed way	8.740,00
	SSF801 500mm feed way	14.310,00
Feed tables in other sizes		on request
One-Axis-Positioning Control	All types	3.170,00

STEEL AND METAL BANDSAW MACHINES

PRICE LIST SPECIAL EQUIPMENT

Valid from July 1, 2016 to June 30, 2017



Other equipment	Bandsaw type	Prices EUR
LED lamp	All types	250,00
Minimum spray device (lubricant not included)	All types	1.985,00
Special grease lubricant price per litre in 10l package (graduated prices available on request)	All types	24,00
Mechanic sawblade tension device with hydraulic indication instead of standard device. Incl. switch- off of drive in case of sawblade breakage.	SSF420 (serially included starting from size SSF520)	605,00
Welding unit with electronic glow current regulation (for voltage until 400 Volt, 50 Hertz)	All types, except SSF801	380,00 additional price
Blowing off device	All types	174,00
Alignment with laser)	All types	790,00
Swivelling control panel	SSF520, SSF630, SSF801, SSF1600	1.720,00
Hydraulic sawblade tension	SSF520, SSF630, SSF801	4.960,00
Connection piece for suction	SSF420, SSF520, SSF630	1.320,00
Special colour (instead of standard machine colour)	SSF420	320,00
	SSF520	420,00
	SSF630, SSF801	535,00
	SSF1600	640,00
Enlarged throat of height by 250mm to 710mm	Only available for SSF630	1.990,00
Other voltage (additional price)	All types	324,00

Sawblades	Bandsaw type	Prices EUR
Depending on material to be cut	All types	on request

Analysieren. Entwickeln. Machen.



Casting Technology

Sawing, Decoring, Deburring, Cooling, Finishing

Aluminium Technology

Sawing of Slabs, Blocks and Sheets

Bandsaw Machines

Standard Bandsaws and Individual Solutions

Nuclear Technology

Dismantlement of Nuclear Installations

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