

FLOTT

Metal band saw

HBS 225 A



Precise guiding
the saw blade is guided precisely using ground carbide plates



Saw blade break monitoring
the saw blade tension is fitted with a saw blade tension monitoring and saw blade break monitoring device



Round supporting table the machine has a supporting table that rotates with the mitre cuts. This means no slits



Operating elements
All operating elements are accessible from the front of the machine



Powered chip removal brush

Standard equipment

- ▶ New saw concept with a multitude of standards – for every workshop
- ▶ Torsion-resistant, robust cast saw frame
- ▶ Powered chip removal brush
- ▶ High-performance industrial worm geared drive motor
- ▶ Independent switching-off at the end of the cut
- ▶ Mechanical saw blade tensioning with electrical blade break monitoring system
- ▶ Quick-change vice, sliding
- ▶ Hydraulic saw frame lowering with fast-action function (stepless control)
- ▶ Electric coolant pump
- ▶ Precision carbide saw blade guides, ground (adjustable)
- ▶ Large, round supporting table, rotates along with mitre cuts, mitre display (scale) for the operator
- ▶ Easily removable chip collection container
- ▶ Material stop 500 mm with scale
- ▶ Incl. saw blade combination tothing 4/6
- ▶ Machine colour:
 - Saw frame RAL 7035 /- Machine body RAL 7005
- ▶ 12-month warranty for single-shift operation

Special equipment

- ▶ Laser line for cutting
Order no. 570.172
- ▶ Micro spraying system
Order no. 570.170
- ▶ LED work light
Order no. 570.174

Accessories

- ▶ Blade tension measurement device with dial indicator (Flottomat-BS)
Order no. 570.175
- ▶ Connection L-SR (steel coil), left, 330 mm wide (incl. fastening set)
Order no. 570.176
- ▶ Connection L-SR (steel coil), right, 330 mm wide (incl. fastening set)
Order no. 570.177
- ▶ Roller conveyor L-SR (steel coil), 330 mm wide, basic version 2,000 mm, 150 kg/m
Order no. 570.178
- ▶ Roller conveyor L-SR (steel coil), 330 mm wide, basic version 3,000 mm, 150 kg/m
Order no. 570.179
- ▶ Extension roller conveyor L-SR (steel coil), 2,000 mm, 150 kg/m
Order no. 570.180
- ▶ Extension roller conveyor L-SR (steel coil), 3,000 mm, 150 kg/m
Order no. 570.181




Technical data

HBS 225 A

Three-phase current motor 400 V, pole-changeable (kW)	0.7/1.1
Saw blade dimensions (mm)	2,720 x 27 x 0.9
Flywheels Ø (mm)	300
Cutting speed (m/min)	40/80
Vice span (mm)	275
Working height (mm)	978
Machine dimensions (mm)	1,150 x 1,588 x 1,477
Weight (kg)	370
Order no.	570.050

Additional accessories from page 122

Sawing area

	0°	45° R	45° L	60° R
	230	190	170	120
	275 x 180	190 x 150	185 x 100	120 x 100
	230 x 230	180 x 180	150 x 150	100 x 100

HSS Bi-Metal (M42) Band Saw Blades ¹

Order no.	Dimensions in mm	Combination tothing	VPE set = 2 pcs.
570.200	2,720 x 27 x 0.9	4/6	1
570.201	2,720 x 27 x 0.9	5/8	1
570.202	2,720 x 27 x 0.9	6/10	1
570.203	2,720 x 27 x 0.9	10/14	1

¹ Other bandsaw blades on request

- ▶ Adjustable vertical rollers
Order no. 570.190
- ▶ Adjustable vertical rollers
Order no. 570.188
- ▶ Starter band saw blade package 2,720 x 27 x 0.9 mm each consisting of 1 pc. combi-tothing 4/6, 5/8, 6/10, 10/14
Order no. 570.233
- ▶ Manual material stop 3 m with measuring tape
Order no. 570.195
- ▶ Manual material stop 3 m with digital display
Order no. 570.240
- ▶ Manual material stop 2 m with measuring tape
Order no. 570.194
- ▶ Manual material stop 2 m with digital display
Order no. 570.199
- ▶ further measuring stops on request

FLOTT

Metal band saw

HBS 230 ANC



Fig.:Option roller conveyor

Standard equipment

- ▶ Fully hydraulic lowering and lifting function of the sawframe, NC control, fully automatic
- ▶ Hydraulic opening and closing of the vice
- ▶ Switches off after end of cutting, saw arm guided back to the starting position
- ▶ Torsion-resistant saw frame made of cast steel (multi-ribbed)
- ▶ feed vice mounted on linear guides
- ▶ Precisely ground carbide saw blade guides, adjustable
- ▶ Electric coolant pump
- ▶ Manual blade tensioning with display, including electrical saw blade and cutting pressure monitoring system
- ▶ Hydraulic cutting feed incl. automatic cutting pressure regulation
- ▶ Chip removal brush, rotating
- ▶ Positioning plate rotatable, for mitre cuts with cutting channel, mitre adjustment manual, reading via scale
- ▶ Minimum remaining piece length 180 mm, smallest possible diameter 5 mm
- ▶ Feed length (single stroke) 490 mm, max. stroke repetition 999
- ▶ Incl. saw blade combination tothing 4/6
- ▶ Machine colour:
 - Saw frame RAL 7035 /- Machine body RAL 7005
- ▶ 12-month warranty for single-shift operation

Special equipment

- ▶ Chip rinsing pistol
Order no. 570.110
- ▶ Laser line for cutting
Order no. 570.172
- ▶ Micro spraying system
Order no. 570.170
- ▶ LED work lighting
Order no. 570.174

Accessories

- ▶ Connecting track L-SR (steel roller), right, 330 mm wide (incl. connection set)
Order no. 570.370
- ▶ Roller conveyor L-SR (steel coil), 330 mm wide, basic version 2,000 mm, 150 kg/m
Order no. 570.178
- ▶ Roller conveyor L-SR (steel coil), 330 mm wide, basic version 3,000 mm, 150 kg/m
Order no. 570.179
- ▶ Extension roller conveyor L-SR (steel coil), 2,000 mm, 150 kg/m
Order no. 570.180
- ▶ Extension roller conveyor L-SR (steel coil), 3,000 mm, 150 kg/m
Order no. 570.181




Technical data

HBS 230 ANC

Three-phase current motor 400 V, pole-changeable (kW)	0.7/1.1
Saw blade dimensions (mm)	2,720 x 27 x 0.9
Flywheels Ø (mm)	300
Cutting speed (m/min)	40/80
Vice span (mm)	275
Working height (mm)	768
Machine dimensions (mm)	2,440 x 1,650 x 1,970
Weight (kg)	500
Order no.	570.040

Additional accessories from page 122

Sawing area

	0°	45° R	60° R
	230	170	120
	275 x 180	185 x 100	120 x 100
	230 x 230	150 x 150	100 x 100

HSS Bi-Metal (M42) Band Saw Blades ¹

Order no.	Dimensions in mm	Combination tothing	VPE set = 2 pcs.
570.200	2,720 x 27 x 0.9	4/6	1
570.201	2,720 x 27 x 0.9	5/8	1
570.202	2,720 x 27 x 0.9	6/10	1
570.203	2,720 x 27 x 0.9	10/14	1

¹ Other bandsaw blades on request

- ▶ Adjustable vertical rollers
Order no. 570.190
- ▶ Adjustable vertical rollers
Order no. 570.188
- ▶ Starter band saw blade package 2,720 x 27 x 0.9 mm each consisting of 1 pc. combi-tothing 4/6, 5/8, 6/10, 10/14
Order no. 570.233

FLOTT

Metal band saw

HBS 250 A



Pistol for rinsing away
the chips
(optional)



Roller conveyor with
vertical rollers
(accessory)

Standard equipment

- ▶ High-performance band saw with hydraulic saw frame lowering (control valve) for mitre cuts from 0° to 60° right/45° left
- ▶ Saw frame made from a stable cast construction (torsion-resistant)
- ▶ Cut feed over frame weight
- ▶ High-quality industrial three-phase current motor (spur gear) for all requirements (frequency-controlled)
- ▶ Chip removal brush, rotating
- ▶ Precisely ground carbide saw blade guides, adjustable
- ▶ Quick-change vice, sliding
- ▶ Large, heavy, round supporting table, rotates along with mitre cuts with the fixed cutting channel, mitre display via scale
- ▶ Mitre settings and clamping are manual
- ▶ Removable chip collection container
- ▶ Electric coolant pump
- ▶ Material stop 500 mm with scale
- ▶ Incl. saw blade combination tothing 4/6
- ▶ Machine colour:
 - Saw frame RAL 7035 /- Machine body RAL 7005
- ▶ 12-month warranty for single-shift operation

Special equipment

- ▶ Chip rinsing pistol
Order no. 570.110
- ▶ Laser line for cutting
Order no. 570.172
- ▶ Micro spraying system
Order no. 570.170
- ▶ LED work light
Order no. 570.174

Accessories

- ▶ Blade tension measurement device with dial indicator (Flottomat-BS)
Order no. 570.175
- ▶ L-SR (steel coil), left, 330 mm wide (incl. fastening set)
Order no. 570.282
- ▶ L-SR (steel coil), right, 330 mm wide (incl. fastening set)
Order no. 570.281
- ▶ Roller conveyor L-SR (steel coil), 330 mm wide, basic version 2,000 mm, 150 kg/m
Order no. 570.178
- ▶ Roller conveyor L-SR (steel coil), 330 mm wide, basic version 3,000 mm, 150 kg/m
Order no. 570.179
- ▶ Extension roller conveyor L-SR (steel coil), 2,000 mm, 150 kg/m
Order no. 570.180
- ▶ Extension roller conveyor L-SR (steel coil), 3,000 mm, 150 kg/m
Order no. 570.181

Technical data

HBS 250 A

Three-phase current motor 400 V, frequency-regulated (kW)	1.5
Saw blade dimensions (mm)	2,910 x 27 x 0.9
Flywheels Ø (mm)	325
Cutting speed (m/min)	20-120
Vice span (mm)	320
Working height (mm)	760
Machine dimensions (mm)	1,480 x 1,700 x 2,000
Weight (kg)	390
Order no.	570.005

Additional accessories from page 122

Sawing area

	0°	45° R	45° L	60° R
○	250	220	180	130
□	300 x 240	240 x 190	240 x 100	130 x 100
□	240 x 240	210 x 210	160 x 160	100 x 100

HSS Bi-Metal (M42) Band Saw Blades ¹

Order no.	Dimensions in mm	Combination tothing	VPE set = 2 pcs.
570.206	2,910 x 27 x 0.9	2/3	1
570.207	2,910 x 27 x 0.9	3/4	1
570.208	2,910 x 27 x 0.9	4/6	1
570.209	2,910 x 27 x 0.9	5/8	1
570.210	2,910 x 27 x 0.9	10/14	1

¹ Other bandsaw blades on request

- ▶ Adjustable vertical rollers
Order no. 570.190
- ▶ Adjustable vertical rollers
Order no. 570.188
- ▶ Starter band saw blade package 2,910 x 27 x 0.9 mm each consisting of 1 pc. combi-tothing 2/3, 3/4, 4/6, 5/8, 10/14
Order no. 570.234
- ▶ Manual material stop 2 m with measuring tape
Order no. 570.194
- ▶ Manual material stop 3 m with measuring tape
Order no. 570.195
- ▶ Manual material stop 2 m with digital display
Order no. 570.199
- ▶ Manual material stop 3 m with digital display
Order no. 570.240
- ▶ further measuring stops on request

FLOTT

Metal band saw

HBS 250 HA



Mitre reading display



Saw blade guide
made from carbide



Laser line for
cutting
(optional)



LED lighting
for the working area
(optional)



Pistol for rinsing away
the chips
(optional)

Standard equipment

- ▶ Fully hydraulic lowering and lifting system for the saw frame
- ▶ Hydraulic opening and closing of the vice
- ▶ Switches off after end of cutting, saw arm guided back to the starting position
- ▶ Torsion-resistant saw frame made from cast steel (multiple ribbed)
- ▶ Hydraulic short-stroke cylinder for vice
- ▶ Precisely ground carbide saw blade guides, adjustable
- ▶ Electric coolant pump
- ▶ Manual blade tensioning with display, including electrical saw blade and cutting pressure monitoring system
- ▶ Hydraulic vice (opening and closing)
- ▶ Chip removal brush, rotating
- ▶ Large, heavy, round supporting table, rotates along with mitre cuts with the fixed cutting channel, manual mitre setting, can be read from scale
- ▶ Material stop 500 mm with scale
- ▶ Incl. saw blade combination tothing 4/6
- ▶ Machine colour:
 - Saw frame RAL 7035 /- machine body RAL 7005
- ▶ 12-month warranty for single-shift operation

Special equipment

- ▶ Chip rinsing pistol
Order no. 570.110
- ▶ Laser line for cutting
Order no. 570.172
- ▶ Micro spraying system
Order no. 570.170
- ▶ LED work light
Order no. 570.174

Accessories

- ▶ Blade tension measurement device with dial indicator (Flottomat-BS)
Order no. 570.175
- ▶ Flashing L-SR (steel coil), left, 330 mm wide (incl. fastening set)
Order no. 570.282
- ▶ Flashing L-SR (steel coil), right, 330 mm wide (incl. fastening set)
Order no. 570.281
- ▶ Roller conveyor L-SR (steel coil), 330 mm wide, basic version 2,000 mm, 150 kg/m
Order no. 570.178
- ▶ Roller conveyor L-SR (steel coil), 330 mm wide, basic version 3,000 mm, 150 kg/m
Order no. 570.179
- ▶ Extension roller conveyor L-SR (steel coil), 2,000 mm, 150 kg/m
Order no. 570.180
- ▶ Extension roller conveyor L-SR (steel coil), 3,000 mm, 150 kg/m
Order no. 570.181


Technical data

HBS 250 HA

Three-phase current motor 400 V, frequency-regulated (kW)	1.5
Saw blade dimensions (mm)	2,910 x 27 x 0.9
Flywheels Ø (mm)	325
Cutting speed (m/min)	20-120
Vice span (mm)	320
Working height (mm)	760
Machine dimensions (mm)	1,480 x 1,700 x 2,000
Weight (kg)	390
Order no.	570.010

Additional accessories from page 122

Sawing area

	0°	45° R	45° L	60° R
	250	220	180	130
	300 x 240	240 x 190	240 x 100	130 x 100
	240 x 240	210 x 210	160 x 160	100 x 100

HSS Bi-Metal (M42) Band Saw Blades ¹

Order no.	Dimensions in mm	Combination tothing	VPE set = 2 pcs.
570.206	2,910 x 27 x 0.9	2/3	1
570.207	2,910 x 27 x 0.9	3/4	1
570.208	2,910 x 27 x 0.9	4/6	1
570.209	2,910 x 27 x 0.9	5/8	1
570.210	2,910 x 27 x 0.9	10/14	1

¹ Other bandsaw blades on request

- ▶ Adjustable vertical rollers
Order no. 570.190
- ▶ Adjustable vertical rollers
Order no. 570.188
- ▶ Starter band saw blade package 2,910 x 27 x 0.9 mm each consisting of 1 pc. combi-tothing 2/3, 3/4, 4/6, 5/8, 10/14
Order no. 570.234
- ▶ Manual material stop 2 m with measuring tape
Order no. 570.194
- ▶ Manual material stop 3 m with measuring tape
Order no. 570.195
- ▶ Manual material stop 2 m with digital display
Order no. 570.199
- ▶ Manual material stop 3 m with digital display
Order no. 570.240
- ▶ further measuring stops on request

FLOTT

Metal band saw

HBS 350 HA



Pistol for rinsing away the chips
(optional)



Full-lift cylinder for the vice



Pressure regulation for the vice
(optional)



Bundle tensioning device
Enables layers and bundles to be tensioned using an additional vertical tensioning unit (optional)



Blade tension display
For monitoring the optimum saw blade tension even while the machine is in operation (standard)

Standard equipment

- ▶ Ergonomic, robust welded frame construction, new concept in appealing design for mitre cuts from 0° to 60° right /left
- ▶ Stable, low vibration frame construction with bearing hinged arm joint
- ▶ Simple operation console for the operators
- ▶ Simple, easy-to-understand control system
- ▶ Precisely ground carbide saw blade guides (adjustable) for the highest demands on cutting accuracy
- ▶ Synchronous powered chip removal brush
- ▶ Semi-automatic sawing cycle: fully hydraulic
- ▶ Hydraulic cutting feed incl. automatic cutting pressure regulation
- ▶ Mitre settings and clamping (manual)
- ▶ Hydraulic full-lift cylinder for the vice (Pull-down design) floating vice
- ▶ Blade tension and saw blade break monitoring system
- ▶ Integrated coolant supply (30l tank capacity)
- ▶ Easily removable chip collection containers
- ▶ Hydraulic Blade tension display
- ▶ LED work light
- ▶ Digital mitre display
- ▶ Incl. saw blade combination toothing 4/6
- ▶ Machine colour:
- Saw frame RAL 7035 /- machine body RAL 7005
- ▶ 12-month warranty for single-shift operation

Special equipment

- ▶ Chip rinsing pistol
Order no. 570.110
- ▶ Laser line for cutting
Order no. 570.109
- ▶ Hydraulic bundle tensioning device
Order no. 570.107
- ▶ Clamping pressure regulation for vice
Order no. 570.076

Accessories




- ▶ Material stop 500 mm (measuring scale)
Order no. 570.268
- ▶ Connecting track (steel coil), left, 540 mm wide (incl. fastening set)
Order no. 570.111
- ▶ Connecting track (steel coil), right, 540 mm wide (incl. fastening set)
Order no. 570.112
- ▶ Roller conveyor T-SR (steel coil), 540 mm wide, basic version 2,000 mm, 600 kg/m
Order no. 570.113
- ▶ Roller conveyor T-SR (steel coil), 540 mm wide, basic version 3,000 mm, 600 kg/m
Order no. 570.114
- ▶ Extension roller conveyor T-SR (steel coil), 2,000 mm, 600 kg/m
Order no. 570.115
- ▶ Extension roller conveyor T-SR (steel coil), 3,000 mm, 600 kg/m
Order no. 570.116

Technical data

HBS 350 HA

Three-phase current motor 400 V, frequency-regulated (kW)	3
Saw blade dimensions (mm)	4,780 x 34 x 1.1
Flywheels Ø (mm)	450
Cutting speed (m/min)	20-120
Vice span, full-lift cylinder (mm)	510
Working height (mm)	761
Machine dimensions (mm)	2,568 x 1,070 x 1,500
Weight (kg)	710
Order no.	570.520
Additional accessories	from page 122

Sawing area

	0°	45° R	45° L	60° R	60° L
	350	350	350	250	270
	510 x 350	400 x 100	415 x 100	260 x 100	280 x 100
	350 x 350	340 x 340	350 x 350	240 x 240	260 x 260

HSS Bi-Metal (M42) Band saw blades ¹

Order no.	Dimensions in mm	Combination toothing	VPE set = 2 pcs.
570.213	4,780 x 34 x 1.1	2/3	1
570.214	4,780 x 34 x 1.1	3/4	1
570.215	4,780 x 34 x 1.1	4/6	1
570.216	4,780 x 34 x 1.1	5/8	1
570.217	4,780 x 34 x 1.1	8/12	1

¹ Other bandsaw blades on request

- ▶ Adjustable vertical rollers
Order no. 570.119
- ▶ Fixed vertical rollers
Order no. 570.120
- ▶ Starter band saw blade package 4,780 x 34 x 1.1 mm each consisting of 1 pc. combi-toothing 2/3, 3/4, 4/6, 5/8, 8/12
Order no. 570.235
- ▶ Manual measuring stop 2 m with digital
Order no. 570.127
- ▶ Manual measuring stop 3 m with measuring tape
Order no. 570.123
- ▶ Manual measuring stop 2 m with measuring tape
Order no. 570.122
- ▶ Manual measuring stop 3 m with digital
Order no. 570.128
- ▶ Manual material stop 3 m with digital display
Order no. 570.240
- ▶ further measuring stops on request

FLOTT
Metal band saw
HBS 350 ANC



Standard equipment

- ▶ The perfect combination of semi-automatic/automatic high-performance band saws for mitre cuts from 0° to 60° right
- ▶ Automatic operation only at 0° (in accordance with cutting data)
- ▶ Appealing design
- ▶ Saw frame with joint bearing, in robust welded frame construction
- ▶ Freely positionable console with an easy to read LCD control panel
- ▶ Integrated material feed (plain bearing) in automatic operation
- ▶ Feed length (single stroke) 600 mm
- ▶ Feed via hydraulic cylinder
- ▶ Max. stroke repetition: 999
- ▶ Smallest diameter for sawing: 10 mm
- ▶ Rest length: 60 mm
- ▶ The smallest cut piece (L x H): 15 x 5 mm
- ▶ Hydraulic Hydraulic full-lift cylinder for the vice (Pull-down design)
- ▶ Cut feed including automatic cutting pressure regulation
- ▶ Double-pump hydraulic unit
- ▶ Precisely ground carbide saw blade guides (adjustable)
- ▶ Clamping pressure regulation for vice
- ▶ Floating vice
- ▶ Blade tension and saw blade break monitoring system
- ▶ Easily removable chip collection containers
- ▶ Integrated coolant supply (30 l tank capacity)
- ▶ LED work light
- ▶ Incl. saw blade combination toothing 4/6
- ▶ Machine colour:
- Saw frame RAL 7035 /- Machine body RAL 7005
- ▶ 12-month warranty for single-shift operation

Special equipment

- ▶ Hydraulic bundle tensioning device
Order no. 570.064
- ▶ Hydraulic blade tension display
Order no. 570.065
- ▶ Micro spraying system 24 V
Order no. 570.254
- ▶ Laser line for cutting
Order no. 570.109

Accessories

- ▶ Connecting track T-SR, left (incl. connection set)
Order no. 570.284
- ▶ Connecting track T-SR, right, (incl. connection set)
Order no. 570.112
- ▶ Roller conveyor T-SR (steel roller), 540 mm wide, Basic version 2,000 mm, 600 kg/m
Order no. 570.113
- ▶ Roller conveyor T-SR (steel roller), 540 mm wide, Basic version 3,000 mm, 600 kg/m
Order no. 570.114




Technical data

HBS 350 ANC

Three-phase current motor 400 V, frequency-regulated (kW)	3
Saw blade dimensions (mm)	4,780 x 34 x 1.1
Flywheels Ø (mm)	450
Cutting speed (m/min)	20-120
Vice span (mm)	510
Working height (mm)	761
Machine dimensions (mm)	2,440 x 2,880 x 1,540
Weight (kg)	950
Order no.	570.025

Additional accessories from page 122

Sawing area

	0°	45° R	60° R
	350	350	250
	510 x 350	400 x 100	260 x 100
	350 x 350	340 x 340	240 x 240

HSS Bi-Metal (M42) Band saw blades ¹

Order no.	Dimensions in mm	Combination toothing	VPE set = 2 pcs.
570.213	4,780 x 34 x 1.1	2/3	1
570.214	4,780 x 34 x 1.1	3/4	1
570.215	4,780 x 34 x 1.1	4/6	1
570.216	4,780 x 34 x 1.1	5/8	1
570.217	4,780 x 34 x 1.1	8/12	1

¹ Other bandsaw blades on request

- ▶ Extension roller conveyor T-SR (steel roller), 2,000 mm, 600 kg/m
Order no. 570.115
- ▶ Extension roller conveyor T-SR (steel roller), 3,000 mm, 600 kg/m
Order no. 570.116
- ▶ Starter band saw blade package 4,780 x 34 x 1.1 mm each consisting of 1 pc. combi-toothings 2/3, 3/4, 4/6, 5/8, 8/12
Order no. 570.235
- ▶ Manual measuring stop 2 m with digital
Order no. 570.127
- ▶ Manual measuring stop 3 m with measuring tape
Order no. 570.123
- ▶ Manual measuring stop 2 m with measuring tape
Order no. 570.122
- ▶ Manual measuring stop 3 m with digital
Order no. 570.128
- ▶ Manual material stop 3 m with digital display
Order no. 570.240
- ▶ further measuring stops on request

FLOTT
Metal band saw
HBS 350 SANC



Standard equipment

- ▶ Fully automatic 2-column horizontal high-performance automatic band saw – perfect for industrial use
- ▶ The saw frame is guided by two robust columns and is unilaterally backlash free in a pretensioned linear guide
- ▶ 3-side precision HM saw blade guiding for optimum cutting results
- ▶ Blade tension and saw blade break monitoring system
- ▶ Synchronous powered chip removal brush
- ▶ Fully hydraulic sawing process:
 - Material feed (plain bearing)
 - Feed length (single stroke) 600 mm
 - Feed via hydraulic cylinder
- ▶ Max. stroke repetition: 999
- ▶ Smallest diameter for sawing 10 mm
- ▶ Rest length: 20 mm
- ▶ The smallest cut piece (L x H): 10 x 5 mm
- ▶ Hydraulic Cutting feed on the saw arm (incl. automatic cutting pressure regulation) saw frame lift height limiter via limit stop switch
- ▶ Simple and clear operation of the control panel (can be freely positioned) simple programming with display (steps) on the control panel display
- ▶ Hydraulic Full-lift cylinder for the vice
- ▶ Double-pump hydraulic unit
- ▶ Hydraulic Bundle tensioning device
- ▶ Clamping pressure regulation for vice, split vice, floating
- ▶ Integrated coolant supply (45 l tank capacity)
- ▶ LED work light
- ▶ Scraper floor-chip conveyor directly under the cutting channel
- ▶ Incl. saw blade combination tothing 4/6
- ▶ Machine colour:
 - Saw frame RAL 7035 /- Machine body RAL 7005
- ▶ 12-month warranty for single-shift operation

Special equipment

- ▶ Saw feed speed display
Order no. 570.063
- ▶ Micro spraying system 24 V
Order no. 570.254
- ▶ Additional (3) coolant supply units
Order no. 570.173
- ▶ Chip rinsing pistol
Order no. 570.110
- ▶ Hydraulic blade tension display
Order no. 570.065

Accessories

- ▶ Connecting track X-SR, left (incl. fastening set)
Order no. 570.255
- ▶ Roller conveyor X-SR (steel coil x 2 pieces), 450 mm wide, basic version 2,000 mm, 1,500 kg/m
Order no. 570.256
- ▶ Roller conveyor X-SR (steel coil x 3 pieces), 450 mm wide, basic version 3,000 mm, 1,500 kg/m
Order no. 570.258




Technical data

HBS 350 SANC

Three-phase current motor 400 V, frequency-regulated (kW)	3
Saw blade dimensions (mm)	4,780 x 34 x 1.1
Flywheels Ø (mm)	450
Cutting speed (m/min)	20-120
Vice span (mm)	420
Working height (mm)	780
Machine dimensions (mm)	2,300 x 2,050 x 2,000
Weight (kg)	1,200
Order no.	570.030

Additional accessories from page 122

Sawing area

0°	
	350
	420 x 350
	350 x 350

HSS Bi-Metal (M42) Band saw blades ¹

Order no.	Dimensions in mm	Combination tothing	VPE set = 2 pcs.
570.213	4,780 x 34 x 1.1	2/3	1
570.214	4,780 x 34 x 1.1	3/4	1
570.215	4,780 x 34 x 1.1	4/6	1
570.216	4,780 x 34 x 1.1	5/8	1
570.217	4,780 x 34 x 1.1	8/12	1

¹ Other bandsaw blades on request

- ▶ Extension roller conveyor X-SR (steel coil x 2 pieces), 2,000 mm, 1,500 kg/m
Order no. 570.260
- ▶ Extension roller conveyor X-SR (steel coil x 3 pieces), 3,000 mm, 1,500 kg/m
Order no. 570.262
- ▶ Starter band saw blade package 4,780 x 34 x 1.1 mm each consisting of 1 pc. combi-tothing 2/3, 3/4, 4/6, 5/8, 8/12
Order no. 570.235
- ▶ further measuring stops on request

FLOTT

Metal band saw

HBS 450 HA



Pistol for rinsing away the chips
(optional)



Full-lift cylinder for the vice



Pressure regulation for the vice
(optional)



Bundle tensioning device
Enables layers and bundles to be tensioned using an additional vertical tensioning unit (optional)



Blade tension display
For monitoring the optimum saw blade tension even while the machine is in operation (standard)

Standard equipment

- ▶ Ergonomic, robust welded frame construction, new concept in appealing design for mitre cuts from 0° to 60° right /left
- ▶ Stable, low vibration frame construction with bearing hinged arm joint
- ▶ Simple operation console for the operators
- ▶ Simple, easy-to-understand control system
- ▶ Precisely ground carbide saw blade guides (adjustable) for the highest demands on cutting accuracy
- ▶ Synchronous powered chip removal brush
- ▶ Semi-automatic sawing cycle: fully hydraulic
- ▶ Hydraulic cutting feed incl. automatic cutting pressure regulation
- ▶ Mitre settings and clamping (manual)
- ▶ Hydraulic full-lift cylinder for the vice (Pull-down design) floating vice
- ▶ Blade tension and saw blade break monitoring system
- ▶ Easily removable chip collection containers
- ▶ Hydraulic Blade tension display
- ▶ Integrated coolant supply (30 l tank capacity)
- ▶ LED work light
- ▶ Digital mitre display
- ▶ Incl. saw blade combination toothing 3/4
- ▶ Machine colour:
 - Saw frame RAL 7035 /- Machine body RAL 7005
- ▶ 12-month warranty for single-shift operation

Special equipment

- ▶ Laser line for cutting
Order no. 570.109
- ▶ Clamping pressure regulation for vice
Order no. 570.076
- ▶ Hydraulic bundle tensioning device
Order no. 570.066

Accessories




- ▶ Material stop 500 mm (measuring scale)
Order no. 570.269
- ▶ Connecting track (steel coil), left, 640 mm wide (incl. fastening set)
Order no. 570.067
- ▶ Connecting track (steel coil), right, 640 mm wide (incl. fastening set)
Order no. 570.068
- ▶ Roller conveyor T-SR (steel coil), 640 mm wide, basic version 2,000 mm, 600 kg/m
Order no. 570.069
- ▶ Roller conveyor T-SR (steel coil), 640 mm wide, basic version 3,000 mm, 600 kg/m
Order no. 570.070
- ▶ Extension roller conveyor T-SR (steel coil), 2,000 mm, 600 kg/m
Order no. 570.071

Technical data

HBS 450 HA

Three-phase current motor 400 V, frequency-regulated (kW)	3
Saw blade dimensions (mm)	5,200 x 34 x 1.1
Flywheels Ø (mm)	480
Cutting speed (m/min)	20-120
Vice span, full-lift cylinder (mm)	610
Working height (mm)	781
Machine dimensions (mm)	2,780 x 1,440 x 1,560
Weight (kg)	800
Order no.	570.525
Additional accessories	from page 122

Sawing area

	0°	45° R	45° L	60° R	60° L
	450	450	450	300	300
	610 x 450	450 x 250	450 x 400	300 x 290	300 x 290
	450 x 450	370 x 370	450 x 450	300 x 300	300 x 300

HSS Bi-Metal (M42) Band saw blades ¹

Order no.	Dimensions in mm	Combination toothing	VPE set = 2 pcs.
570.220	5,200 x 34 x 1.1	2/3	1
570.221	5,200 x 34 x 1.1	3/4	1
570.222	5,200 x 34 x 1.1	4/6	1
570.223	5,200 x 34 x 1.1	5/8	1

¹ Other bandsaw blades on request

- ▶ Extension roller conveyor T-SR (steel roller), 3,000 mm, 600 kg/m
Order no. 570.080
- ▶ Adjustable vertical rollers
Order no. 570.083
- ▶ Fixed vertical rollers
Order no. 570.084
- ▶ Starter band saw blade package 5,200 x 34 x 1.1 mm each consisting of 1 pc. combi-toothing 2/3, 3/4, 4/6, 5/8
Order no. 570.236
- ▶ Manual measuring stop 2 m with digital
Order no. 570.127
- ▶ Manual measuring stop 3 m with measuring tape
Order no. 570.123
- ▶ Manual measuring stop 2 m with measuring tape
Order no. 570.122
- ▶ Manual measuring stop 3 m with digital
Order no. 570.128

FLOTT
Metal band saw
HBS 450 SANC



Standard equipment

- ▶ Fully automatic 2-column horizontal high-performance automatic band saw – perfect for industrial use
- ▶ The saw frame is guided by two robust columns and is unilaterally backlash free in a pretensioned linear guide
- ▶ Saw frame lift height limiter via limit switch
- ▶ Hydraulic Cutting feed on the saw arm (incl. double-side cutting pressure regulation)
- ▶ 3-side precision HM saw blade guiding for optimum cutting results
- ▶ Synchronous powered chip removal brush
- ▶ Blade tension and saw blade break monitoring system
- ▶ Fully hydraulic sawing process:
 - Material feed (linear bearings)
 - Feed length (single stroke) 600 mm
 - Feed via hydraulic cylinder
- ▶ Max. stroke repetition: 999
- ▶ Smallest diameter for sawing: 10 mm
- ▶ Rest length: 25 mm
- ▶ The smallest cut piece (L x H): 10 x 5 mm
- ▶ Simple and clear programming with display (steps) on the control panel display
- ▶ Hydraulic full-lift cylinder for the vice
- ▶ Double-pump hydraulic unit
- ▶ Hydraulic Bundle tensioning device
- ▶ Clamping pressure regulation for vice
- ▶ LED work light
- ▶ Scraper floor-chip conveyor directly under the cutting channel
- ▶ Integrated coolant supply (45 l tank capacity)
- ▶ Incl. saw blade combination toothing 3/4
- ▶ Machine colour:
 - Saw frame RAL 7035 /- Machine body RAL 7005
- ▶ 12-month warranty for single-shift operation

Special equipment

- ▶ Saw feed speed display
Order no. 570.063
- ▶ Micro spraying system 24 V
Order no. 570.254
- ▶ Additional (3) coolant supply units
Order no. 570.173
- ▶ Chip rinsing pistol
Order no. 570.110

Accessories

- ▶ Connecting part X-SR, left (incl. fastening set)
Order no. 570.136
- ▶ Roller conveyor X-SR (steel coil x 4 pieces), 550 mm wide, basic version 2,000 mm, 1,500 kg/m




Technical data

HBS 450 SANC

Three-phase current motor 400 V, frequency-regulated (kW)	4
Saw blade dimensions (mm)	6,020 x 41 x 1.3
Flywheels Ø (mm)	550
Cutting speed (m/min)	20-120
Vice span (mm)	520
Working height (mm)	780
Machine dimensions (mm)	2,890 x 2,055 x 2,030
Weight (kg)	1,600
Order no.	570.035

Additional accessories from page 122

Sawing area

	0°
	450
	520 x 450
	450 x 450

HSS Bi-Metal (M42) Band saw blades ¹

Order no.	Dimensions in mm	Combination toothing	VPE set = 2 pcs.
570.227	6,020 x 41 x 1.3	2/3	1
570.228	6,020 x 41 x 1.3	3/4	1
570.229	6,020 x 41 x 1.3	4/6	1
570.230	6,020 x 41 x 1.3	5/8	1

¹ Other bandsaw blades on request

Order no. 570.139

- ▶ Roller conveyor X-SR (steel coil x 6 pieces), 550 mm wide, basic version 3,000 mm, 1,500 kg/m
Order no. 570.141
- ▶ Extension roller conveyor X-SR (steel coil x 4 pieces), 2,000 mm, 1,500 kg/m
Order no. 570.143
- ▶ Extension roller conveyor X-SR (steel coil x 6 pieces), 3,000 mm, 1,500 kg/m
Order no. 570.145
- ▶ Starter band saw blade package 6,020 x 41 x 1.3 mm each consisting of 1 pc. combi-toothings 2/3, 3/4, 4/6, 5/8
Order no. 570.237
- ▶ further measuring stops on request