

**BA**

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# Introduction of a top performer!





## Our HBS 230 ANC bandsaw with distinct advantages:

- ▶ Fully NC controlled or semi-automatic operation
- ▶ Saw band speeds (40/80 m/min)
- ▶ Swivelling console with LCD control panel
- ▶ Minimum residual piece length of 180 mm, smallest possible diameter of 5 mm
- ▶ Robust saw frame made of sturdy cast-iron (torsionally stiff)
- ▶ Feed vice mounted on linear guides
- ▶ Precise, ground carbide saw blade guides, adjustable
- ▶ Hydraulic cutting feed incl. automatic cutting pressure regulation
- ▶ Feed accuracy of 0.2 mm
- ▶ Fully automatic machine designed for best cutting results of profiles and solid materials also of smaller diameters



## PBS 120 Plus

### Features

- ▶ Portable bandsaw
- ▶ 2 sawing speeds
- ▶ For mitre cuts from 0° to 60
- ▶ Saw blade cooling at the point of machining
- ▶ Cast iron vice with quick release lever
- ▶ Saw frame made of sturdy cast iron



Fig. with option

## HBS 225 A

### Features

- ▶ Hydraulic saw frame lowering with rapid traverse function
- ▶ For mitre cuts from 0° to 60° right/45° left
- ▶ Mechanical saw blade tensioning with electronic power band break monitoring



Fig. with option

## HBS 250 A

### Features

- ▶ Bandsaw with hydr. lowering (via control valve)
- ▶ Revolving chip removal brush
- ▶ For mitre cuts from 0° to 60° right/45° left
- ▶ Large-dimensioned, solid, round support table, co-rotating for mitre cuts with predetermined cutting channel
- ▶ Stepless saw band speed



Fig. with option

Technical Data	PBS 120 Plus	HBS 225 A	HBS 250 A
Engine (kW)	0.25/0.37 (alternating current 230V)	1.1/1.5 (three-phase current 400V)	1.5 (three-phase current 400V)
Saw blade dimensions (mm)	1,620 x 13 x 0.65	2,720 x 27 x 0.9	2,910 x 27 x 0.9
Flywheels Ø (mm)		300	325
Cutting speed (m/min)	35/75	40/80	20–120 stepless
Vice clamping width (mm)	120	275	320
Working height (mm)	1,020 (with optional base frame + tank)	978	760
Machine dimensions (mm)	810 x 530 x 450 (without base frame + tank)	1,150 x 1,588 x 1,477	1,480 x 1,700 x 2,000
Weight (kg)	38 (without base frame + tank)	370	390
<b>Order No.</b>	<b>570.505</b> (without base frame and without coolant tank) <b>570.543</b> (without base frame and coolant tank)	<b>570.050</b>	<b>570.005</b>

SAWING AREA	PBS 120 Plus			HBS 225 A				HBS 250 A			
	0°	45° R	60° R	0°	45° R	45° L	60° R	0°	45° R	45° L	60° R
○	120	90	55	230	190	170	120	250	220	180	130
□	60 x 70	100 x 90	55 x 65	275 x 180	190 x 150	185 x 100	120 x 100	300 x 240	190 x 240	100 x 240	130 x 100
□	120 x 120	90 x 90	55 x 55	230 x 230	180 x 180	150 x 150	100 x 100	240 x 240	210 x 210	160 x 160	100 x 100

## HBS 250 HA

### Features

- ▶ Semi-automatic bandsaw
- ▶ Hydr. opening and closing of the vice (via short-stroke cylinder)
- ▶ Bandsaw with hydr. lowering (via control valve)
- ▶ Revolving chip removal brush
- ▶ For mitre cuts from 0° to 60° right/45° left
- ▶ Large-dimensioned, solid, round support table, co-rotating for mitre cuts with predetermined cutting channel
- ▶ Stepless saw band speed



Fig. with option

## HBS 350 HA

### Features

- ▶ Semi-automatic bandsaw
- ▶ Hydr. opening and closing the vice
- ▶ Bandsaw with hydr. lowering (via control valve)
- ▶ For mitre cuts from 0° to 60° right / left
- ▶ Hydraulic full-stroke cylinder for vice (low tension version), floating vice
- ▶ Stepless belt speed
- ▶ LED work light
- ▶ Digital mitre display



Fig. with option

## HBS 450 HA

### Features

- ▶ Semi-automatic bandsaw
- ▶ Hydr. opening and closing the vice
- ▶ Bandsaw with hydr. lowering (via control valve)
- ▶ For mitre cuts from 0° to 60° right / left
- ▶ Hydraulic full-stroke cylinder for vice (low tension version), floating vice
- ▶ Stepless saw band speed
- ▶ LED work light
- ▶ Digital mitre display



Fig. with option

Technical Data	HBS 250 HA	HBS 350 HA	HBS 450 HA
Engine (kW)	1.5 (400 V)	3.0 (400 V)	3.0 (400 V)
Saw blade dimensions (mm)	2,910 x 27 x 0.9	4,780 x 34 x 1.1	5,200 x 34 x 1.1
Flywheels Ø (mm)	325	450	480
Cutting speed (m/min)	20–120 stepless	20–120 stepless	20–120 stepless
Vice clamping width (mm)	320	510	610
Working height (mm)	760	761	781
Machine dimensions (mm)	1,480 x 1,700 x 2,000	2,568 x 1,070 x 1,500	2,780 x 1,440 x 1,560
Weight (kg)	390	710	800
<b>Order No.</b>	<b>570.010</b>	<b>570.520</b>	<b>570.525</b>

SAWING AREA	HBS 250 HA				HBS 350 HA					HBS 450 HA				
	0°	45° R	45° L	60° R	0°	45° R	45° L	60° R	60° L	0°	45° R	45° L	60° R	60° L
○	250	220	180	130	350	350	350	250	270	450	450	450	300	300
□	300 x 240	190 x 240	100 x 240	130 x 100	510 x 350	400 x 100	415 x 100	260 x 100	280 x 100	610 x 450	450 x 250	450 x 400	300 x 290	300 x 290
□	240 x 240	210 x 210	160 x 160	100 x 100	350 x 350	340 x 340	350 x 350	240 x 240	260 x 260	450 x 450	370 x 370	450 x 450	300 x 300	300 x 300

## HBS 230 ANC

### Features

- ▶ Fully automatic bandsaw (up to 44.9°), from 45° to 60° in semi-automatic mode
- ▶ Smallest diameter 5 mm
- ▶ Remaining length 180 mm
- ▶ Automatic cutting pressure regulation
- ▶ Feed vice mounted on linear guides
- ▶ Integrated material feeder in automatic operation

Brand new!



Fig. with option

## HBS 350 ANC

### Features

- ▶ Combination of semi-automatic/automatic high-performance bandsaw for mitre cuts from 0° to 60° right
- ▶ Automatic operation only at 0° (according to cutting data)
- ▶ Stepped saw band speed
- ▶ Hydraulic full lift cylinder for floating vice (low tension version)
- ▶ Remaining residual piece length 60 mm
- ▶ Smallest workpiece diameter 10 mm
- ▶ Integrated material feeding (via slide bearing) in automatic operation mode
- ▶ LED work lamp



Fig. with option

## HBS 350 SANC

### Features

- ▶ Fully automatic 2 column horizontal high-performance automatic bandsaw
- ▶ Smallest diameter 10 mm
- ▶ Remaining residual piece length 20 mm
- ▶ Hydraulic full lift cylinder for floating vice (low tension version)
- ▶ Fully hydraulic sawing process: Material feed (via slide bearing), feed length up to 600 mm
- ▶ 3-sided precision HM saw blade guide for best cutting results
- ▶ Hydraulic bundle tensioning device



Fig. with option

Technical Data	HBS 230 ANC	HBS 350 ANC	HBS 350 SANC
Engine (kW)	1.1/1.5 (400 V)	3.0 (400 V)	3.0 (400 V)
Saw blade dimensions (mm)	2,720 x 27 x 0.9	4,780 x 34 x 1.1	4,780 x 34 x 1.1
Flywheels Ø (mm)	300	450	450
Cutting speed (m/min)	40/80	20–120 stepless	20–120 stepless
Vice clamping width (mm)	275	510	420
Working height (mm)	768	761	780
Machine dimensions (mm)	2,220 x 1,650 x 1,730	2,440 x 2,880 x 1,540	2,300 x 2,050 x 2,000
Weight (kg)	495	950	1,200
<b>Order No.</b>	<b>570.040</b>	<b>570.025</b>	<b>570.030</b>

SAWING AREA	HBS 230 ANC			HBS 350 ANC			HBS 350 SANC
	0°	45° R	60° R	0°	45° R	60° R	
○	230	190	120	350	350	250	350
□	275 x 180	190 x 150	120 x 100	510 x 350	400 x 100	260 x 100	420 x 350
□	230 x 230	180 x 180	100 x 100	350 x 350	340 x 340	240 x 240	350 x 350

## HBS 450 SANC

### Features

- ▶ Fully automatic 2 column horizontal high-performance automatic bandsaw
- ▶ Smallest workpiece diameter 10 mm
- ▶ Remaining residual piece length 20 mm
- ▶ Hydraulic full lift cylinder for floating vice (low tension version)
- ▶ Fully hydraulic sawing process: Material feed (via slide bearing), feed length up to 600 mm
- ▶ 3-sided precision HM saw blade guide for an best cutting result
- ▶ Hydraulic bundle tensioning device



Fig. with option

## VBS 400 Plus

### Features

- ▶ Vertical bandsaw
- ▶ Cutting width 400 mm and height 390 mm
- ▶ LED work light
- ▶ Longitudinal stop (optional)
- ▶ Minimum quantity lubrication (optional)



Fig. with option

## KS 315 M

### Features

- ▶ Metal circular saw
- ▶ Swivelling head for mitre cuts
- ▶ Quick clamping vice with counter-clamping device for double workpiece clamping



Fig. with option

Technical Data	HBS 450 SANC	VBS 400 Plus	KS 315 M
Engine (kW)	4.0 (400 V)	4.0 (400 V)	1.3/1.9 (400 V)
Saw blade dimensions (mm)	6,020 x 41 x 1.3	3,600 x 13 x 0.9	Saw blade 315 x 32 (not included)
Flywheels Ø (mm)	550	420	-
Cutting speed (m/min)	20-120 stepless	50-1,000 stepless	41/82
Vice clamping width (mm)	520	-	110
Working height (mm)	780	1.079	1,000 (with base frame)
Machine dimensions (mm)	2,890 x 2,055 x 2,030	3,600 x 13 x 0.9	1,000 x 1,100 x 1,800*
Weight (kg)	1,600	465	40 (without base frame)
<b>Order No.</b>	<b>570.035</b>	<b>410.010 (VBS 400 Plus)</b> <b>410.020 (VBS 400 Plus with longitudinal stop and minimum quantity lubrication)</b>	<b>560.835 (KS 315 M)</b> <b>560.830 (base frame)</b>

SAWING AREA				
	0°	0°	45° R	45° L
○	450	95	90	90
□	520 x 450	100 x 70	80 x 70	80 x 70
□	450 x 450	80	75	75

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