



Rapid

Band saws



Rapid 400 500 600 700 800 900



Construction



The robust and functional construction and the comprehensive safety equipment ensure economic and accident-free work.

- Twist-free double chamber welded construction
- Dynamically balanced full-cast steel wheels for vibration-free concentric running
- Vulcanised-on and spherically ground rubber linings on the belt saw wheels for best grip and gentle run of the saw blades
- Band saw blade guide GL top and bottom
- Finely honed, massive cast table top with table swivelling device up to 45°, with scale and clamping lever
- Replaceable table insert at the saw blade
- Wiper brush at the lower band saw wheel
- 2 flow-beneficial extraction sockets

Function



Band saws of the Rapid series are available in different sizes and with wheel diameters of 400 - 900 mm. Individual coordination with different areas of use is thus possible.

- Cutting height adjustment via hand wheel with locking pinion and integrated saw blade protection
- Deflecting upper band saw wheel
- Switchable stop ruler, can be used on either side of the saw blade; Upright for wide/high parts, flat for small parts
- Band tension display (with sight window) via hand wheel for best setting of the different widths of the band saw blades
- Vibration-free and saw-blade-protecting run due to
 - full cast steel wheels
 - vulcanised-on rubber lining, spherically ground
 - dynamically balanced drive unit

Safety

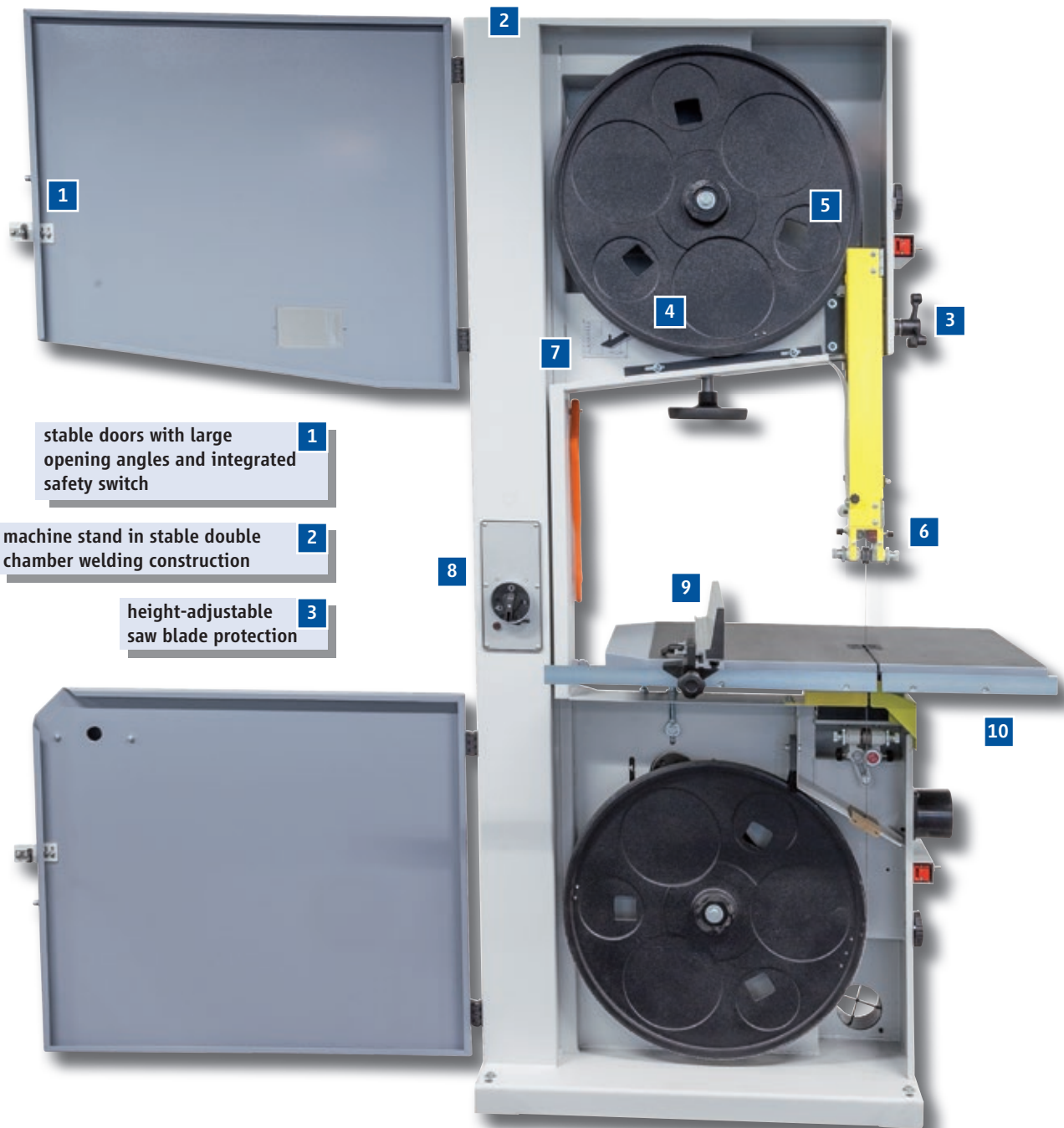


A comprehensive safety equipment permits accident-free function during all work at the saw.

- ergonomically correctly placed work table and easily accessible operating elements
- doors with limit switch
- height-adjustable saw blade protection via hand wheel and locking pinion
- automatic brake motor
- pushing rod with holder at the machine housing

Rapid

Standards for perfect work



stable doors with large opening angles and integrated safety switch

machine stand in stable double chamber welding construction

height-adjustable saw blade protection

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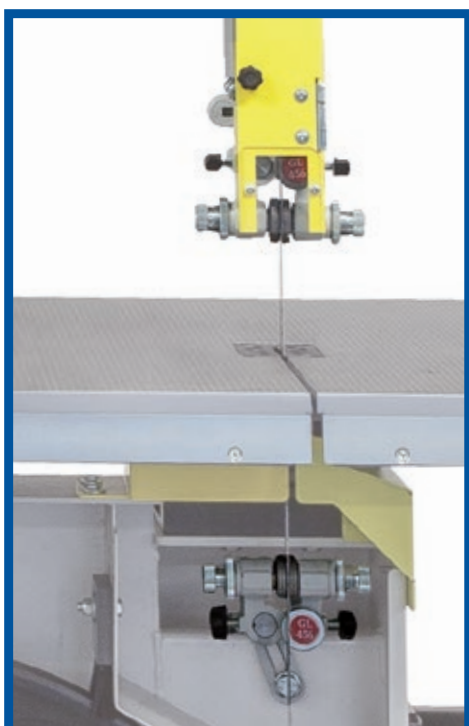
full cast wheels,
dynamically balanced with automatic
tension

4



vulcanised-on rubber lining,
spherically ground

5



band saw blade guide GL
with fine adjustment

6



band tension display
with sight window for setting the
recommended tension

7



rotating cam switch with
- direct start-up (models 400 - 600)
- star/delta start-up (600 - 900)

8



switchable stop ruler
upright for wide/high parts,
flat for small parts

9



table swivelling device
with scale and clamping lever
can be set up to 45° gradually

10

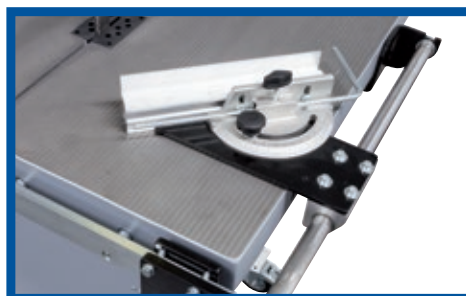
Options for even more function, economic efficiency, safety

Band saws from Beck offer a wide accessory range that permits perfect adjustment to different tasks.

The individual elements have been tried and tested in practice and offer a high safety standard.



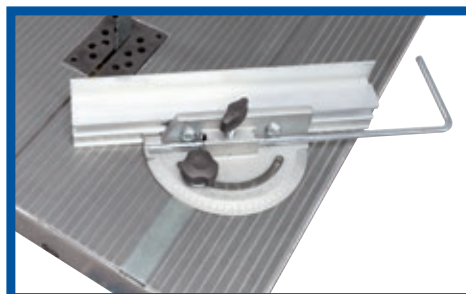
APA high-performance band saw blade guide with hardened back and side rollers and operator-friendly fine adjustment. On request with ball-bearing back roller for NE metal processing



Mitre stop Top
with round rod guide and folding
device (can be retrofitted)



Mitre stop Classic
Reinforced design
for work tables with groove



Mitre stop Basic
for work tables with groove



Pushbutton switch
with automatic star/delta start-up,
available from 3 kW motor onwards



Table swivel device top
gradually adjustable up to 45°
by handwheel



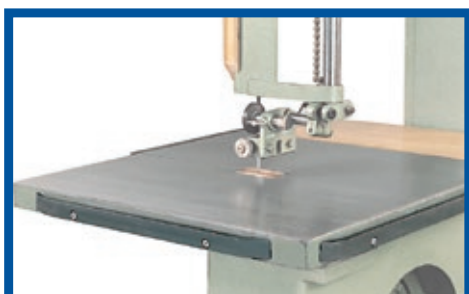
Chassis
with 2 steering rollers with brake
and 2 block rollers



Table extension - 172 x 1100 mm
Can be installed via attachment rails (see
below), also as a basis for the Kreisfix unit



Cutting height extension
- 220 mm > Rapid 600/700/800/900
- 400 mm > Rapid 700/800



Attachment rails
Can be installed at the table for attach-
ment of accessories - e.g. table extension



Kreisfix
in combination with table extension
to cut round work pieces

		Rapid 400	Rapid 500	Rapid 600	Rapid 700	Rapid 800	Rapid 900
• Cutting height max. mm	GL-guide	190	325	400	420	500	540
	APA-guide	205	330	400	420	520	540
• Cutting width max. mm		385	480	580	680	780	880
• Band speed m/min		1400	1300	1550	1570	1800	1720
• Motor kW/HP	Standard	1,1 / 1,5	1,5 / 2,0	2,2 / 3,0	3,0 / 4,0	4 / 5,5	5,5 / 7,5
	Option	1,5 / 2,0	2,2 / 3,0	3,0 / 4,0	4,0 / 5,5	5,5 / 7,5	7,5 / 10
• Saw blade width min / max. mm	GL-guide	15 / 20	15 / 30	15 / 35	15 / 35	15 / 40	15 / 45
	APA-guide	15 / 20	15 / 25	15 / 30	15 / 35	15 / 40	15 / 40
	opt. mm with special lining	6 / 20	6 / 25	8 / 30	8 / 35	10 / 40	10 / 40
• Saw blade thickness mm*		0,4	0,5	0,6	0,7	0,8	0,8
• Saw blade length max / min mm		3330 / 3230	4140 / 4060	4735 / 4660	5140 / 5020	5775 / 5670	6260 / 6160
• Wheel diameter mm		400	500	600	700	800	900
• Lining width mm		25	30	30	35	45	47
• Sound power level	dB(A)** idle	80	80	80	85	85	85
	dB(A)** processing	102	102	102	97	97	97
• Emission pressure level/workplace	dB(A)** idle	67	67	67	68	68	68
	dB(A)** processing	89	89	89	89	89	89
• Extraction sockets Ø mm		2 x 100	2 x 100	2 x 100	2 x 120	2 x 120	2 x 120
• Machine dimensions mm							
	Length	760	930	1130	1260	1450	1590
	Width	490	550	640	730	900	1010
	Height	1740	1930	2120	2275	2475	2650
	Table height	900	900	920	920	930	1015
• Table dimensions mm							
	Length	570	670	810	990	1145	1280
	Width	420	495	590	695	760	835

* Recommended saw blade thickness = 1/1000 of the wheel diameter
 ** Contained insecurity K = 4 db(A)

Technical data



Reinhold Beck
Maschinenbau GmbH

Im Grund 23
D-72505 Krauchenwies

Phone +49 (0)7576 962978-0
Fax +49 (0)7576 962978-90

www.beck-maschinenbau.de
info@beck-maschinenbau.de