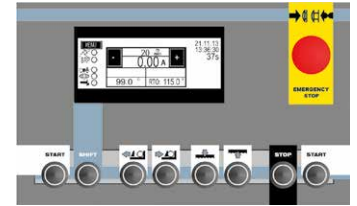


# BMBS 360 x 500 HA-DG

## Semi-automatic swivel frame metal-cutting band saw for mitre cuts of +60° up to -60° with frequency converter

Semi-automatic

- ▶ designed for industrial use
- ▶ For sawing, e.g., stainless steel, tool steel, hollow sections and full materials
- ▶ Saw band drive with low-maintenance, oil-lubricated worm gear
- ▶ With rugged 3-phase motor including overload protection
- ▶ Saw band guide with adjustable tungsten carbide plates
- ▶ With mechanical saw band tensioning, and monitoring via micro-switch
- ▶ Cooling system on the saw band guides
- ▶ Includes frequency converter for continuously variable adjustment of the saw band speed from 20 – 100 m/min.
- ▶ With BRP saw band monitoring as standard



**!** For an exhaustive explanation of the controls, see pages 227 – 231



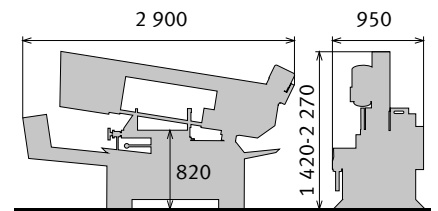
**We are always happy to perform sample cutting for your material. Call us for details!**

### Scope of delivery:

- > Saw band
- > Operating tool
- > Swarf clearing brush
- > Coolant pump
- > Digital angle display (HA-DG only)

<b>Model</b>	<b>BMBS 360 x 500 HA-DG</b>
Art. no.	3690090

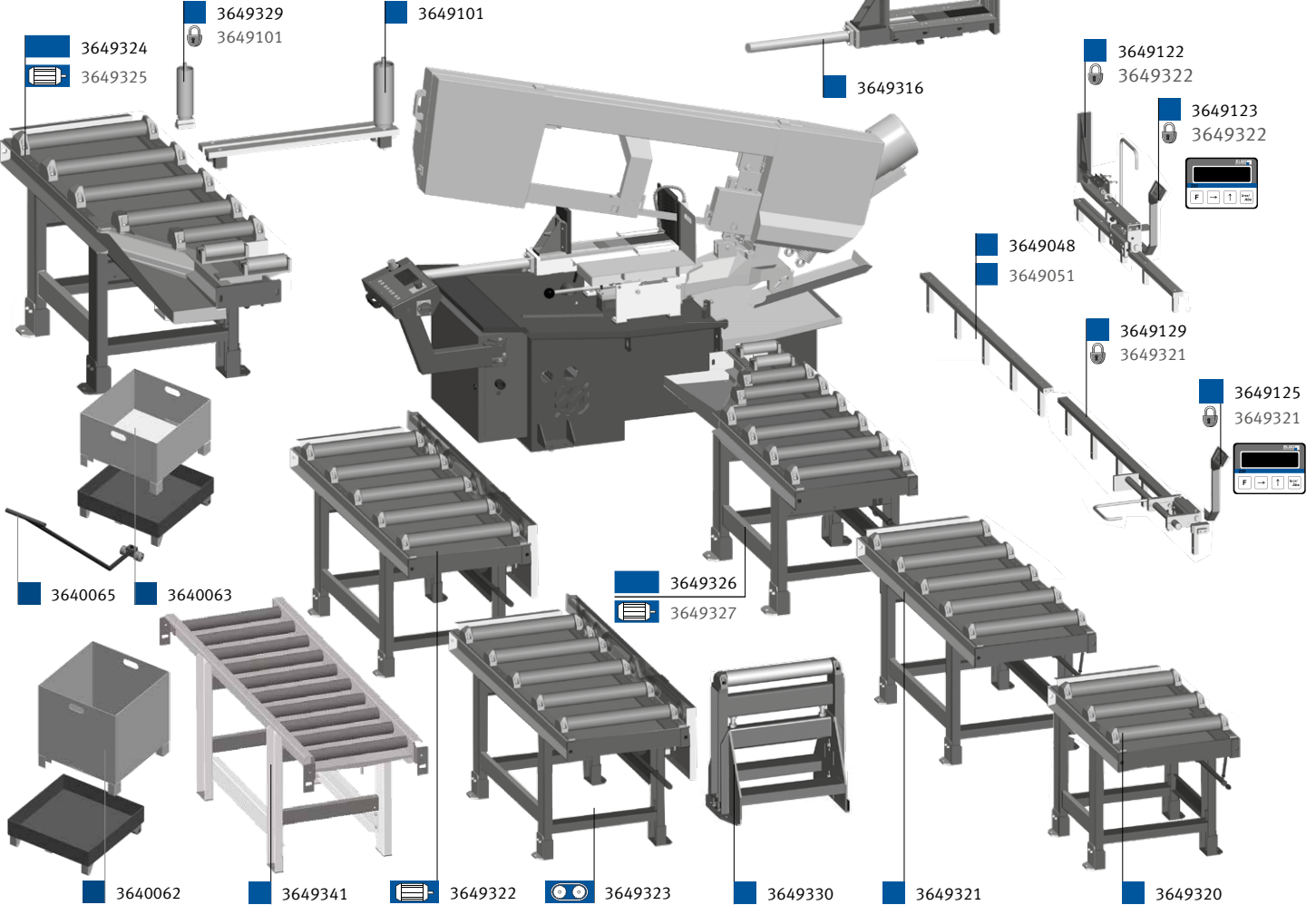
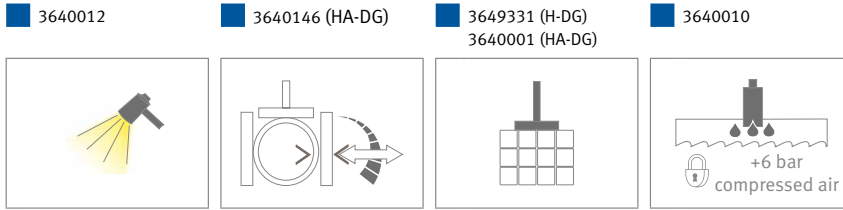
Technical specifications	
Motor output 3 x 400 V/50 Hz	3.0 kW
Speed stages	Continuously variable
Saw band speeds	20-100 m/min
Saw band dimensions	4 780 x 34 x 1.1 mm
Dimensions (L x W x H)	2 900 x 950 x 2 270 mm
Table height material feed	820 mm
Weight	715 kg
<b>min. remaining workpiece length</b>	<b>35 mm</b>



### Clamping ranges

mm	0°	45°	60°	45°	60°	a <sup>b</sup>
	360	360	300	360	300	X
	250 *	180 *	130 *	180 *	130 *	X
	500 x 340	440 x 220	310 x 220	430 x 220	300 x 220	500 x 220

\* recommended values



Optional accessories (only available from factory)	Art. no.
Micro-spraying system	3640010
Workplace lighting	3640012
Pressure regulator on vice	3640146
Vice downstream of cut	3649316
Hydraulic bundle clamping unit	3640001
Optional accessories (only available from factory)	Art. no.
Workpiece container	3640062
Swarf container	3640063
Trolley for swarf container and workpiece container	3640065
Roller conveyors 520 mm	Art. no.
Roller conveyor 1 000 x 520 mm	3649320
Roller conveyor 2 000 x 520 mm	3649321
Motorised roller conveyor 2 000 x 520 mm	3649322
Extension to motorised roller conveyor 2 000 x 520 mm	3649323
Feed roller conveyor for 60° cuts, motorised 2 000 x 520 mm	3649325
Discharge roller conveyor for 60° cuts 2 000 x 520 mm	3649326
Discharge roller conveyor for 60° cuts, motorised 2 000 x 520 mm	3649327
Roller conveyor lightweight type 250 kg/m	Art. no.
Roller conveyor 2 000 x 520 mm (6 rollers)	3649340
Roller conveyor 2 000 x 520 mm (10 rollers)	3649341

Roller conveyor heavy-duty type 1 000 kg/m	Art. no.
lateral guide roller, moving for roller conveyors (requires: 3649328)	3649329
Lateral guide roller, rigid	3649328
height-adjustable roller 700 kg/m	3649330
Additional roller 520 mm (requires: 3649320 + 3649321)	3649311
2 m stop fixed with measuring scale	3649129
2 m stop with digital measuring display	3649125
Electro-mechanical stop for motor. Roller conveyor with scale (requires: 3649322)	3649122
Electro-mechanical stop for motor. Roller conveyor/digital display (requires: 3649322)	3649123
2 m extension for stop with measuring device	3649048
2 m extension for stop with digital display	3649051
M42 saw bands	Art. no.
4 780 x 34 x 1.1 mm 2-3 TPI Sprint Plus	3655400
4 780 x 34 x 1.1 mm 3-4 TPI Sprint Plus	3655401
4 780 x 34 x 1.1 mm 4-6 TPI Sprint-Medium-VS	3655402
4 780 x 34 x 1.1 mm 5-8 TPI Sprint	3655403
4 780 x 34 x 1.1 mm 3-4 TPI X-FIT (PU=5)	3655825
4 780 x 34 x 1.1 mm 4-6 TPI X-FIT (PU=5)	3655826

\* must be ordered with your order!

More saw bands and info on Page 283

When ordering a roller conveyor, always state whether you need a feed or discharge conveyor

Magnetic drilling  
Deburring  
Metal grinding  
Cutting  
Notching & punching  
Bending  
Presses  
Circular saws  
Roller conveyors  
Metal-cutting band saws

## Automatic pivot frame metal-cutting band saw for mitre cuts from 0° to +60° right

Automatic

- ▶ For sawing, e.g., stainless steel, tool steel, hollow sections and full materials
- ▶ Precise and sturdy band guides with adjustable tungsten carbide plates
- ▶ Hydraulically controlled system for both vises, and the saw arm's up and down motion
- ▶ Material feed via ball screw
- ▶ With swarf clearing brush for optimum cleaning and maintenance of the saw band
- ▶ Includes frequency converter as standard for continuously variable adjustment of the saw band speed from 20 - 100 m/min.
- ▶ BRP - saw band monitoring
- ▶ The jaws on the material clamps are equipped with long stroke hydraulic cylinders as standard; this removes the need to adjust the setup for the material cross-section to be cut



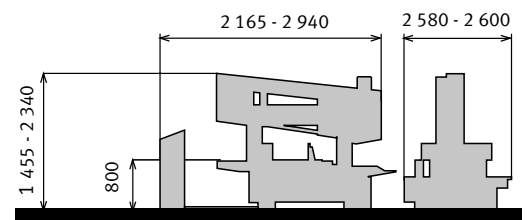
**!** For an exhaustive explanation of the controls, see pages 227 – 231



**We are always happy to perform sample cutting for your material. Call us for details!**





- Scope of delivery:**
- › Saw band
  - › Front/rear safety perimeter
  - › Vice with quick release
  - › Continuously variable adjustment of the saw band speed
  - › Workplace lighting
  - › Automatic band guide setting
  - › Driven swarf clearing brush
  - › Hydraulic band tensioning unit
  - › Operating tool

BMBS 360 x 500 CNC-G

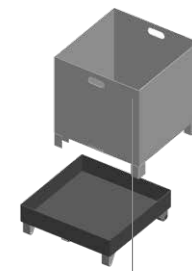
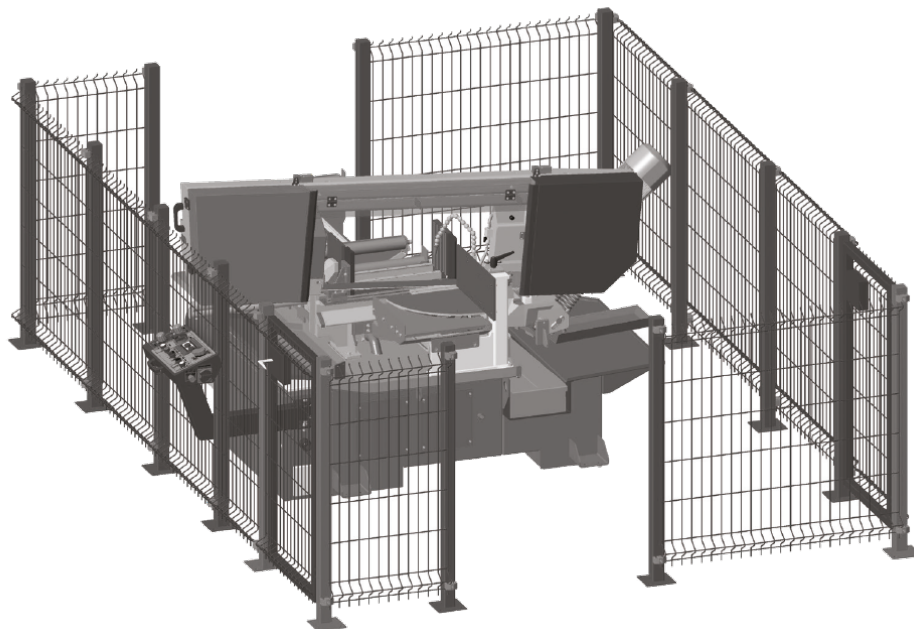
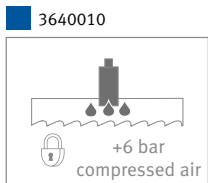


<b>Model</b>	<b>BMBS 360 x 500 CNC-G</b>
Art. no.	3690092
<b>Technical specifications</b>	
Motor output 3 x 400 V/50 Hz	3.0 kW
Speed stages	Continuously variable
Saw band speeds	20 - 100 m/min
Saw band dimensions	4 780 x 34 x 1.1 mm
Dimensions (L x W x H)	2 940 x 2 600 x 2 340 mm
Table height material feed	800 mm
Weight	1 500 kg
<b>min. remaining workpiece length</b>	<b>120 + 20 mm</b>

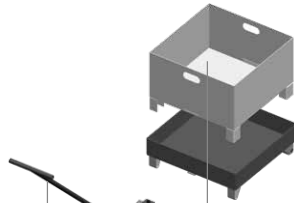
**Clamping ranges**

mm	0°	45°	60°	
	360	360	300	X
	250*	180*	130*	X
	500 x 340	440 x 220	310 x 220	500 x 220

\* recommended values



3640062



3640065

3640063



3649311



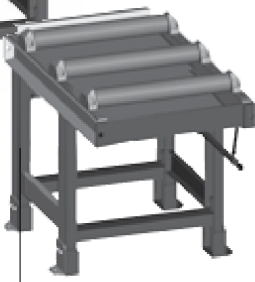
3649321



3640006



3649341



3649320



3649330



3649329

3649328

Optional accessories (only available from factory)	Art. no.
Hydraulic bundle clamping unit	3640360
Micro-spraying system	3640010
Workplace lighting	3640012
Chip conveyor	3640006
Pressure regulator on vice	3640362
<b>Accessories</b>	
Workpiece container	3640062
Swarf container	3640063
Trolley for swarf container and workpiece container	3640065
<b>Roller conveyor lightweight type 250 kg/m</b>	
Roller conveyor 2 000 x 800 mm (6 rollers)	3649340
Roller conveyor 2 000 x 800 mm (6 rollers)	3649341
<b>Roller conveyor heavy-duty type 1 000 kg/m</b>	
1 000 x 520 mm roller conveyor	3649320
2 000 x 520 mm roller conveyor	3649321
2000 x 520 mm discharge roller conveyor for 60° cuts	3649326

Accessories for roller conveyor heavy-duty type	Art. no.
lateral Guide roller, rigid	3649328
lateral Adjustable guide roller (requires 3649328*)	3649329
Roller support 520 mm, height-adjustable max. load-bearing capacity 700 kg	3649330
Additional roller 520 mm (requires 3649320 and 3649321*)	3649311
<b>M42 saw bands</b>	
4 780 x 34 x 1.1 mm 2-3 TPI Sprint Plus	3655400
4 780 x 34 x 1.1 mm 3-4 TPI Sprint Plus	3655401
4 780 x 34 x 1.1 mm 4-6 TPI Sprint-Medium-VS	3655402
4 780 x 34 x 1.1 mm 5-8 TPI Sprint	3655403
4 780 x 34 x 1.1 mm 3-4 TPI X-FIT (PU=5)	3655825
4 780 x 34 x 1.1 mm 4-6 TPI X-FIT (PU=5)	3655826

\* must be ordered with your order!

When ordering a roller conveyor, always state whether you need a feed or discharge conveyor

More saw bands and info on page 283