

HMBS 500 x 750 HA-DG/ HMBS 500 x 750 HA-DG X

Semi-automatic two column horizontal metal-cutting band saw for mitre cuts of +60° to -60°, designed for industrial use

Semi-automatic

- ▶ Semi-automatic, hydraulically controlled two-column guided steel design
- ▶ For cutting sections and full materials
- ▶ Bearings for adjusting the saw frame for angle cuts with smoothed guide surfaces on the machine body
- ▶ A hydraulically controlled system controls the machines work sequences
- ▶ Linear guides on both columns ensure perfect cutting results
- ▶ BRP - saw band monitoring (HA-DG)
- ▶ Front band guide automatically moves in parallel with the moving vice jaw
- ▶ HA-DG X with ARP system
- ▶ Saw band tilted by 7° for improved cutting performance and a longer service life
- ▶ With horizontally swivelling saw arm from +60° to -60°
- ▶ Continuously variable adjustment of the saw band speed from 20 - 100 m/min.
- ▶ Safety display for saw band tension and protective hood open
- ▶ Emulsion cooling with liquid distribution across the saw band guides in the cutting channel
- ▶ For straight cuts, clamping of the material upstream and downstream of the cut through two-part vice



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



driven cleaning brush for cleaning and maintenance of the saw band



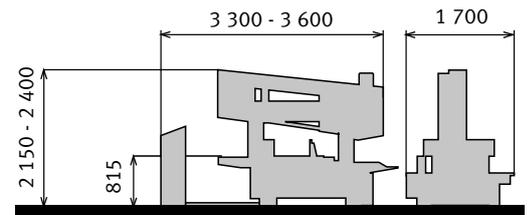
Scope of delivery:

- > Saw band
- > Operating tool
- > Two rugged support rollers
- > Frequency converter,
- > Hydraulic angle adjustment
- > Swarf purging gun
- > Digital angle display
- > Coolant pump
- > Pressure regulator on vice

Scope of supply HA-DG X:

- > Workplace lighting

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

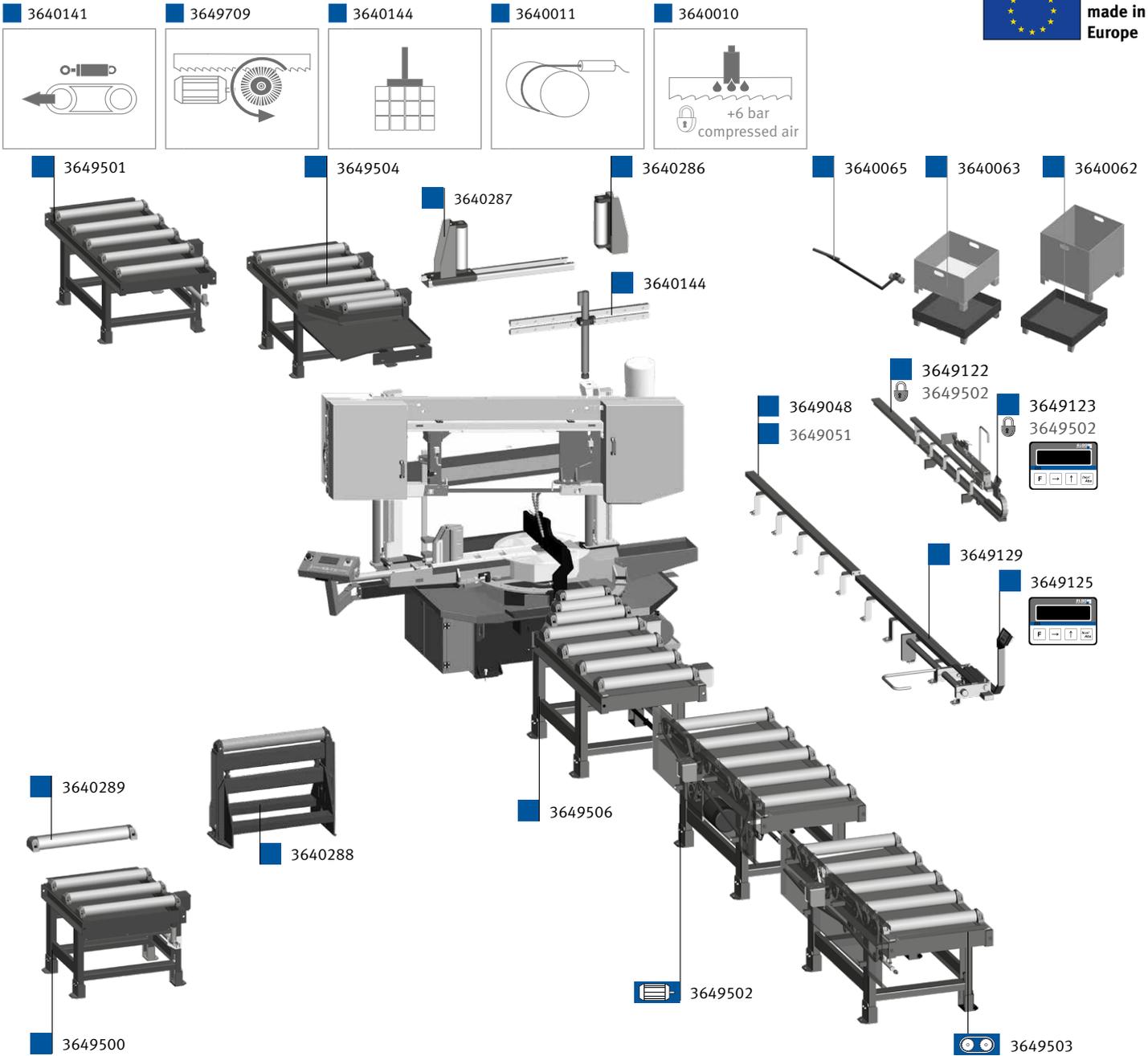


Model	HMBS 500 x 750 HA-DG	HMBS 500 x 750 HA-DG X
Art. no.	3690075	3690076
Technical specifications		
Motor output 3 x 400 V/50 Hz	4.0 kW	4.0 kW
Speed stages	Continuously variable	Continuously variable
Saw band speeds	20-100 m/min	20-100 m/min
Saw band dimensions	6 500 x 41 x 1.3 mm	6 500 x 41 x 1.3 mm
Dimensions (L x W x H)	3 600 x 1 700 x 2 400 mm	3 600 x 1 700 x 2 400 mm
Table height material feed	815 mm	815 mm
Weight	2 000 kg	2 000 kg

Clamping ranges HMBS 500 x 750

mm	0°	45°	60°	45°	60°	 b
	500	500	330	500	300	X
	400 *	280 *	200 *	280 *	190 *	X
	750x480	500x480	330x480	500x480	300x480	750x260

* recommended values



Optional accessories	Art. no.	Roller conveyors lightweight type 350 kg/m	Art. no.
Hydraul. Bundle clamping unit	3640144	Roller conveyor 2 000 x 620 mm (6 rollers)	3649360
Hydraul. band tensioning unit	3640141	Accessories, roller conveyors	
Micro-spraying system	3640010	lateral guide roller, moving	3640287
Cutting line laser	3640011	Lateral guide roller, rigid	3640286
motorised swarf brush	3649709	Roller support, height-adjustable, width 620 mm, load-bearing capacity 700 kg	3640288
Chip conveyor (HA-DG-X only)	3640142	Additional roller 1 000 mm (requires: 3649500/3649501*)	3640289
Accessories		2 m stop fixed with measuring scale	3649129
Workpiece container	3640062	2 m stop with digital measuring display	3649125
Swarf container	3640063	Electro-mechanical stop for motor. Roller conveyor with scale (requires: 3649502)	3649122
Trolley for swarf container and workpiece container	3640065	Electro-mechanical stop for motor. Roller conveyor with digital display (requires 3649502*)	3649123
Coolant concentrate 5 l	3601751	2 m extension for stop with measuring device	3649048
Spraying agent 5 l, micro-dosing unit	3608020	2 m extension for stop with digital display	3649051
Roller conveyors heavy-duty type 1 700 kg/m		M42 saw bands	
1 000 x 800 mm roller conveyor	3649500	6 500 x 41 x 1.3 mm 2-3 TPI Sprint Plus	3655240
2 000 x 800 mm roller conveyor	3649501	6 500 x 41 x 1.3 mm 3-4 TPI Sprint Plus	3655241
Motorised roller conveyor 2 000 x 800 mm	3649502	6 500 x 41 x 1.3 mm 5-8 TPI Sprint	3655242
2 000 x 800 mm motorised extension	3649503	* must be ordered with your order!	
1 000 x 800 mm feed roller conveyor	3649504		
1 000 x 800 mm discharge roller conveyor	3649506		

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

More saw bands and info on Page 283