

AURIGA 1306 | 1307

Compact and extremely high performance

With
copy cutter unit



Edgebanders

Your partner for productivity and precision

HOLZHER[®]
Spezialmaschinen

Top features for maximum productivity

The AURIGA 1306 | 1307 is the consistent continuation of the successful AURIGA series. It offers high tech in minimum space and concentrates on the significant aspects for high quality edgebanding. The additional copy cutter unit supplements the performance range; postformed profiles are also possible. In their class the AURIGA 1306 | 1307 models provide above-average productivity and top features.

- A standard feature on the AURIGA 1307 is a jointing cutter unit with two cutter motors and adjustable run-in linear stop
- The short over-all length is a primary advantage of the AURIGA 1306
- Ergonomically positioned control unit immediately next to charging area
- Clear charging area, can be operated without tools
- Central height adjustment for pressure bridge
- Extendable workpiece support (up to 600 mm)
- High performance units, some laid out with sensors for cut-length and coiled edging up to 3 mm
- Powerful feed motor for driving transport chain

Illustrations may contain optional features.





Jointing cutting in minimum space

The 1801 jointing cutter requires only minimum space for maximum performance – two powerful cutter motors.

- Cutting in forward and backward direction using diamond-coated tools (teeth = 1) ensures perfect results
- Tool (teeth = 2) available for longer service life as option
- Pneumatic plunge control for first cutting head
- Patented ProLock screw-in clamping system ensures rapid tool change
- Run-in linear stop with 3 mm adjustment range



Bridge height adjustment
Manual, centrally attached bridge height adjustment. Stable and self-clamping, runs on surface-hardened linear guides.



Corner copying

Corner copying unit for processing vertical front and rear edges up to 3 mm. Tools for radii up to 3 mm and cutters up to 45 degrees – postformed profiles possible.

- Feed rate 10 m/min
- Output 0.22 kW
- Speed 9000 RPM
- Tool selection for
R = 2.0, R = 2.5, R = 3.0;
Chamfer 15 and 45 degrees
- Diamond tipped tool for long service life

AURIGA 1306 | 1307

Perfect design: the control for the AURIGA 1306 | 1307

With its state-of-the-art, graphic-based control the AURIGA 1306 | 1307 can be controlled simply to meet your specific requirements.

- Selection switch for jointing cutter (ON/OFF)
- Precise temperature control with two heating circuits (with nozzles for glue application system)
- Simple magazine switch-over from cut-length to coil edging
- Impact cylinder for advance cutting of coiled edging.
- Cutting unit can be switched off for pointed or angled work
- 1918 and 1822 cutting units (pneumatic) can be pivoted pneumatically from control panel
- Selection switch for corner copying (ON/OFF)
- Selection switch for optional flat scraper (ON/OFF)





Glue application system 1906 M

As an option the AURIGA 1306 | 1307 can be equipped with the patented HOLZ-HER cartridge system.

- Glue is applied exactly as required. This saves costs and optimises quality.
- Glue does not discolour or burn, because the closed system always melts only the required amount of glue.
- Simple cartridge replacement is a particular advantage. This makes it possible to change over from EVA to PUR glues or to different colours of glue quickly and rationally.
- Extremely short heat-up time of 3.5 minutes.
- Sensing nozzle for precise glue application. Nozzle can be coupled to pressure bridge (optional feature). This eliminates manual adjustment to the panel thickness.

Choice between cartridge system and granulate chute

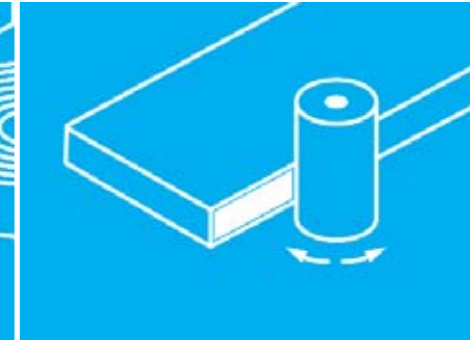
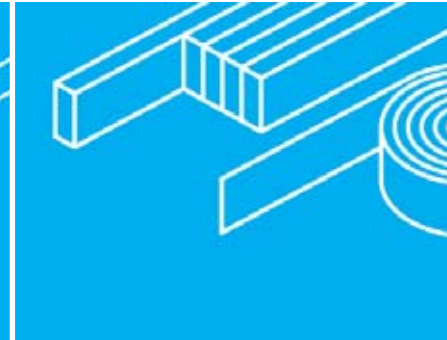
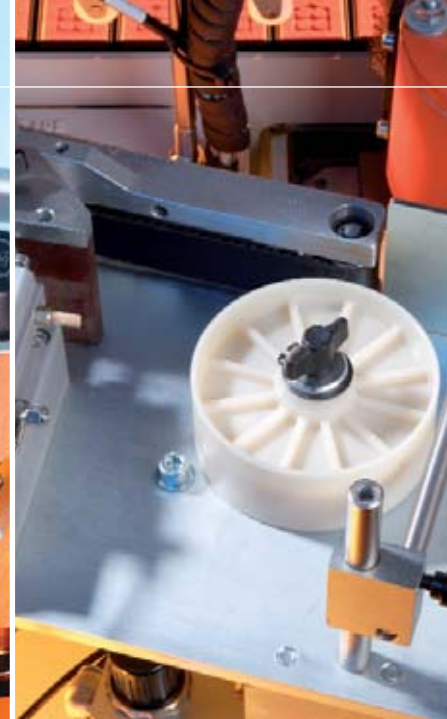
The patented HOLZ-HER cartridge system – nozzle technology (optional) – ensures secure retention and clean joints. With the alternative granulate chute the glue can be processed in granulate form and applied with the HOLZ-HER 1906 MG nozzle system (optional). Quick and easy change-over between glue in cartridge form and granulate processing.

UNITS

Perfect edgebanding

AURIGA 1306 | 1307 units offer a convincing range of performance. From jointing cutter on the AURIGA 1307 to edging magazine, unequalled HOLZ-HER glue application systems, trimming and cutting units all the way to the custom equipment in the post-machining area up to 12 high performance modules are available for perfect edgebanding.

Optional: Up to 6 mm thick edging



■ Jointing cutters

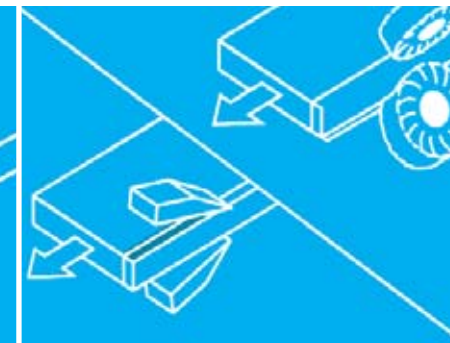
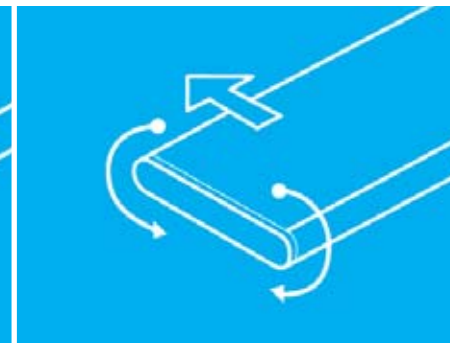
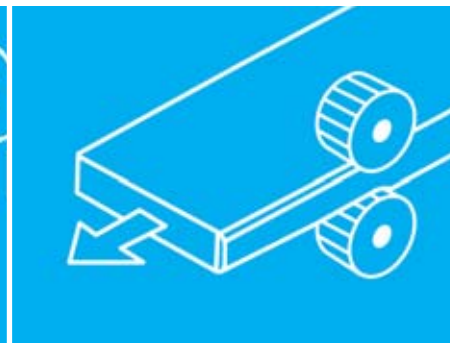
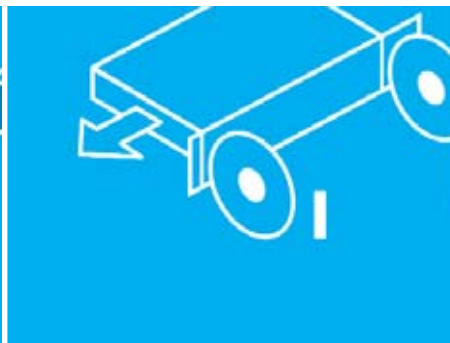
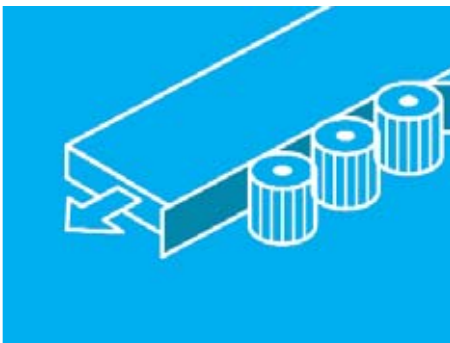
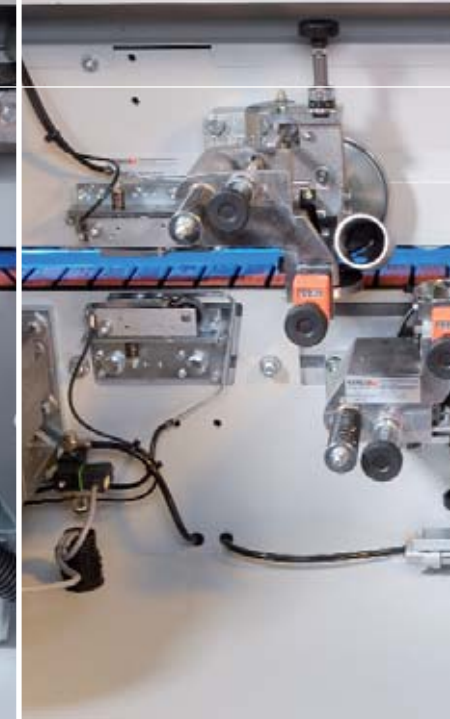
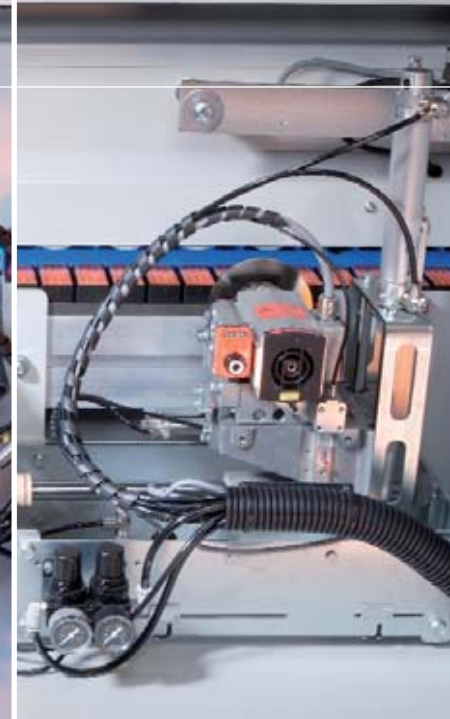
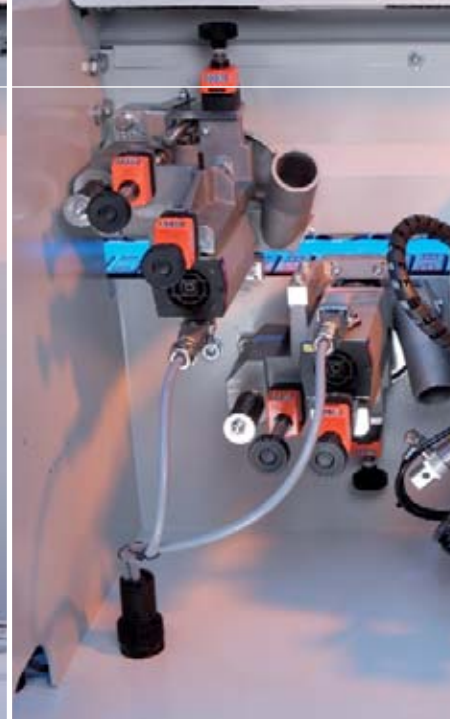
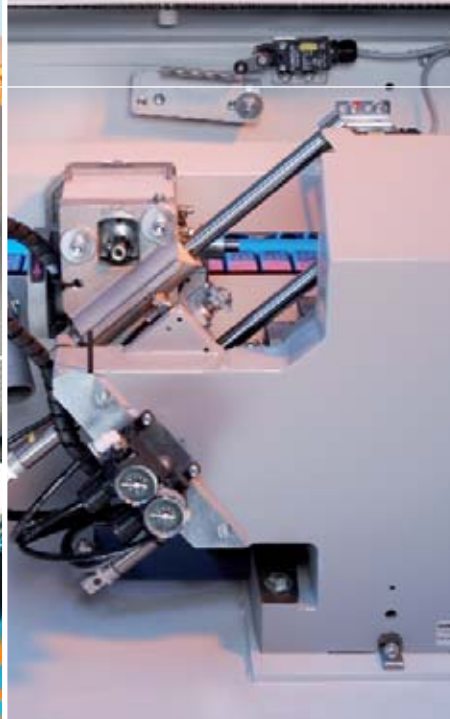
Cut edgings often have small tears in the top layer. The jointing cutter unit ensures flat glued surfaces and prepares the panels for the gluing process. Equipped with ProLock rapid changeover flange.

■ Edging feed

Fully automatic, user-friendly feed of cut-length and coiled edging. No tools required for change-over

■ Glue application

Glue is applied by glue roller beneath. Synchronous direction of rotation. Patented HOLZ-HER nozzle system available as option (see Page 5).



■ **Pressure unit**

High-quality 2-roller pressure unit for clean gluing, first roller motor-driven; option: 3-roller pressure unit (photo).

■ **Trimming unit**

Manually pivotable end trimming unit 1822 for straight or chamfer-type end trimming, optionally also with pneumatic unit for pivoting or with two motor end trimming unit 1918 (with pneumatic pivoting mechanism) for workpiece thicknesses up to 50 mm.

■ **Cutter unit**

Cutter unit 1825, equipped with radius cutter (max. R 3), diamond-coated, or chamfer cutter (15 degrees), diamond-coated, or flush cutter (carbide-coated).

■ **Corner copying unit**

Unit for copying vertical, end edges, various edge profiles possible – including post-formed profiles. Integrated chip removal.

■ **Post-machining**

Post-machining on request.
 1 Free space for radius scraper unit or flat scraper unit
 2 Free spaces for flat scraper or buffer unit.

Units – optional equipment

	1306	1307
Joining cutter unit 1801	–	✓
Two cutter motors (1 x 1.2 kW, 1 x 0.8 kW), max. joint thickness 3 mm		
Edging feed 1806-1	✓	✓
For cut-length and coiled edging		
Glue application system 1813	✓	✓
Roller in forward direction		
Glue application system 1906 M	○	○
Cartridge system for EVA and PUR glues		
Pressure unit 1912-1	✓	✓
Two pressure rollers, first roller driven		
Pressure unit 1912-3	○	○
Three pressure rollers, first roller driven		
End trimming unit 1822	✓	✓
Manually pivotable 0/10 degrees – optionally with pneumatic unlocking for chamfer-type end trimming (0/10 degrees)		
or		
End trimming unit 1918	○	○
2 x 0.22 kW, 200 Hz, 9 000 RPM, two reversible carbide circular saw blades with pneumatic adjustment for chamfer-type end trimming (0/10 degrees)		
Cutter unit 1825	✓	✓
2 x 0.6 kW, 300 Hz, 18 000 RPM, cutting of the top and bottom longitudinal edge – flush, radius or chamfer		
Corner copying unit 1832	✓	✓
Corner copying unit for vertical edge		
Free space 1 for scraper unit 1929	○	○
Smoothing of radii and chamfers on plastic edgings		
or		
Flat scraper 1964	○	○
Controlled at top and bottom		
Free space 2 for flat scraper 1964	○	○
Controlled at top and bottom		
or		
Buffer unit 1940	○	○
Two textile discs, pivoting		

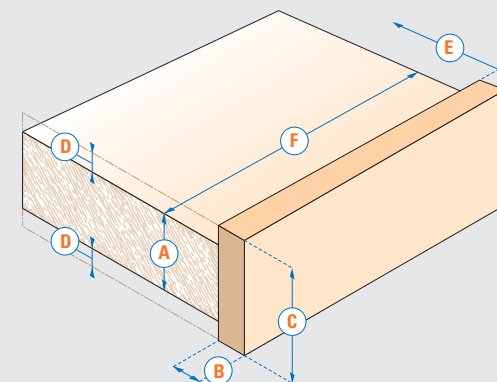
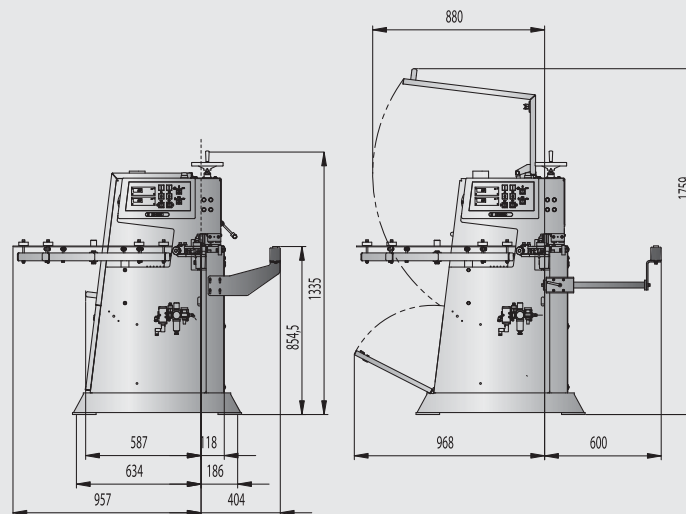
Option: Basic machine with pull-out workpiece support up to 600 mm

✓ = Standard | ○ = Option | – = Not available

All product brochures
can be downloaded
from www.holzher.de

Technical data

	1306		1307	
Machine dimensions				
Total length in mm <i>inch</i>	3550	139.76	4191	165
Feed rate				
Feed rate in m/min <i>ft/min</i>	10	32.81	10	32.81
Dust extraction				
Connection dia. in joining cutter 1801 in mm <i>inch</i>			1 x 80	1 x 3.15
Connection dia. in joining cutter 1825 in mm <i>inch</i>	1 x 100	1 x 3.94	1 x 100	1 x 3.94
Connection dia. with scraper unit 1929 (optional) in mm <i>inch</i>	1 x 80	1 x 3.15	1 x 80	1 x 3.15
Air flow rate in m ³ /h	570	570	930	930
Static vacuum in Pa	1650	1650	1650	1650
Minimum air velocity in m/s <i>ft/s</i>	20	65.62	20	65.62
Compressed air				
Compressed air connection in bars	6	6	6	6



Working dimensions (in mm)		
A	6 – 45	with end trimming unit 1822
A	6 – 50	with end trimming unit 1918
B	0.4 – 3	
C	50	with end trimming unit 1822
C	55	with end trimming unit 1918
D	2.5	per side
E	65	minimum
F	210	with end trimming unit 1822
F	160	with end trimming unit 1918

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The technical data given is intended for reference only. HOLZ-HER woodworking machines are subject to constant development and are therefore subject to modification without prior notice. The illustrations are therefore not binding. The machines illustrated may contain special features not included as standard features. Please ask your HOLZ-HER dealer for details on the features included. We reserve all rights to change design and features without prior notification.

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