

## UNO 1304

Precise joining – perfect edgebanding

With  
jointing cutter unit



Edgebanders

Your partner for productivity and precision

**HOLZ-HER**<sup>®</sup>  
Special Machines

UNO 1304

## Precision right from the start

The UNO 1304 offers a new feature: jointing cutting in the compact class. The basic idea behind the entire UNO series is to achieve excellent results within a very small space. The UNO 1304 was also designed to be able to carry out fast and economical machining – it is immediately ready for use. At 3.52 metres it is extremely compact and has a great unit package for perfect edging. As with the large models, the panels in the UNO 1304 are prepared by a jointing cutter unit for the edgebanding process.

- Jointing cutters with adjustable run-in linear stop and two powerful cutter motors.
- The eight powerful units, some with a sensing capability, process cut-length and coiled edging up to 3 mm.
- Simple height positioning to the workpiece thickness and stable mechanical clamping of the pressure bridge via two adjusting levers.
- Powerful feed motor for driving the transport belt.
- Highly adhesive surface pads on the belt transport the workpiece accurately through the machine.



### Modern control system for the UNO 1304

The concept of the UNO 1304 is also reflected in the control system.

- Quickly ready for use
- Clear display
- Graphic-oriented operating elements, intuitive and easy to use
- Temperature-controlled heating system for a uniform glue temperature
- Selector switch for cut-length or coiled edging
- ON/OFF selector switch with flat scraper option



### Jointing cutting within a small space

The jointing cutter unit 1801 specially developed for the UNO 1304 takes up only a small amount of space and has a high power – two powerful cutter motors. Cutting in the forward and backward direction using diamond-coated tools (teeth = 1) ensures a perfect result. The first cutting head is pneumatically controlled. The patented ProLock screw-in clamping system ensures rapid tool changeover. The run-in linear stop can be adjusted by up to 3 mm depending on the workpiece thickness.

## Up to nine units for perfect edging

### Post-machining

Post-machining according to requirements by the choice of a scraper unit or flat scraper for chamfer and radius cuts or a buffer unit (two units possible). Free space 1 for scraper unit. Free space 2 for flat scraper or buffer unit.

### 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).

### End trimming unit

Manually pivotable end trimming unit 1822 for straight or chamfer-type end trimming, optionally also with pneumatic unlocking for pivoting or with a more powerful end trimming unit 1918 with two reversible carbide circular saw blades for workpiece thicknesses of up to 50 mm.

### Pressure unit

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

### Glue application

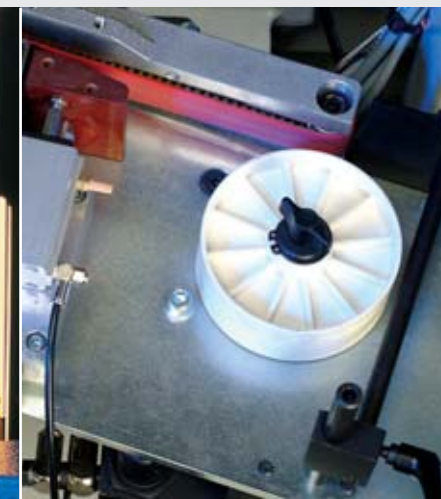
Secure hold and clean joining by means of the patented HOLZ-HER cartridge system (nozzle technique) for EVA and PUR glues (optional) or via a new gluing roller located below the machine. Electronic control of glue temperature.

### Edging feed

Fully automatic, user-friendly feed of cut-length and coiled edging. Changeover does not require the use of tools.

### Jointing cutting

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 the rapid changeover flange ProLock.





## Units – optional equipment

	Standard	Optional
<b>Joining cutter unit 1801</b>	✓	–
Two cutter motors (1x1,2 kW, 1x0,8 kW), max. joint thickness 3 mm		
<b>Edging feed 1806-1</b>	✓	–
For cut-length and coiled edging		
<b>Glue application system 1813</b>	✓	–
Roller in forward direction		
<b>Glue application system 1906 M</b>	–	✓
Cartridge system for EVA and PUR glues		
<b>Pressure unit 1912-1</b>	✓	–
Two pressure rollers, first roller driven		
<b>Pressure unit 1912-3</b>	–	✓
Three pressure rollers, first roller driven		
<b>End trimming unit 1822</b>	✓	–
Manually pivotable 0/10 degrees – optionally with pneumatic unlocking for chamfer-type end trimming (0/10 degrees)		
or		
<b>End trimming unit 1918</b>	–	✓
2x0,22 kW, 200 Hz, 9000 min <sup>-1</sup> ; two reversible carbide circular saw blades with pneumatic adjustment for chamfer-type end trimming (0/10 degrees)		
<b>Cutter unit 1825</b>	✓	–
2 x 0,6 kW, 300 Hz, 18000 min <sup>-1</sup> ; cutting of the top and bottom longitudinal edge – flush, radius or chamfer		
<b>Free space 1 for scraper unit 1929</b>	–	✓
Smoothing of radii and chamfers on plastic edgings		
<b>Free space 2 for flat scraper 1964</b>	–	✓
Controlled at top and bottom		
or		
<b>Buffer unit 1940</b>	–	✓
Two textile discs, pivotable		

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

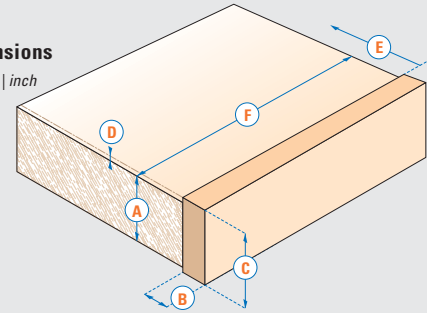
All product brochures available to download from [www.holzher.de](http://www.holzher.de)

## Technical data

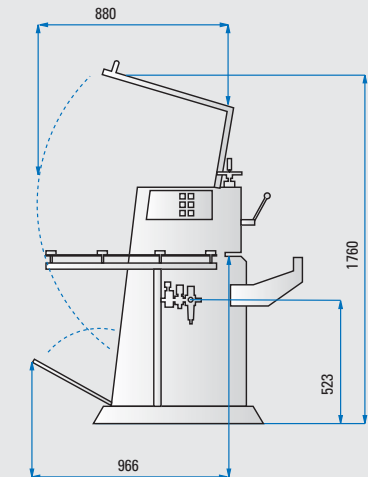
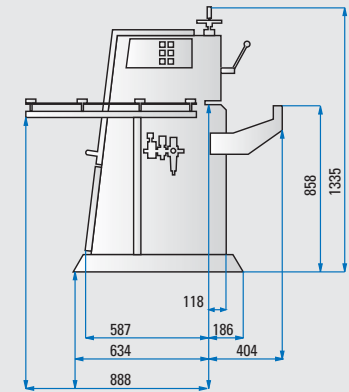
	1304	
<b>Machine dimensions</b>		
Total length in mm   inch	3516	138.43
<b>Feed speed</b>		
Feed speed in m/min   ft./min	10	32.81
<b>Suction</b>		
Air requirement in m <sup>3</sup> /h   ft. <sup>3</sup> /h	570	1870
Static underpressure in Pa	1650	1650
Minimum air speed in m/s   ft./s	20	65.62
Connector Ø joining cutter unit in mm   inch	1 x 80	1 x 3.15
Connector Ø in mm   inch	1 x 100	1 x 3.94
Connector Ø with scraper unit 1929 (optional) in mm   inch	1 x 80	1 x 3.15
<b>Compressed air</b>		
Compressed air connection in bar	6	6

## Working dimensions

All dimensions in mm | inch



A	6 – 45   0.24 – 1.77	with end trimming unit 1822
A	6 – 50   0.24 – 1.97	with end trimming unit 1918
B	0,4 – 3   0.02 – 0.12	
C	50   1.97	with end trimming unit 1822
C	55   2.17	with end trimming unit 1918
D	2,5   0.10	per side
E	65   2.56	minimum
F	210   8.27	with end trimming unit 1822
F	160   6.30	with end trimming unit 1918



Your authorised HOLZ-HER Special Machines dealer

The technical data given are guidelines. We reserve the right to make changes, since our HOLZ-HER woodworking machines are constantly being developed. The images are therefore also not binding. The machines shown in some cases also contain special equipment that does not come as standard. Please ask your HOLZ-HER dealer for details of the equipment included. We reserve the right to make changes in terms of design and equipment.

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