

Superior Competency for Edgebanding

SPRINT 1327 | 1329



PRODUCTIVITY AND PRECISION

The Future of Edgebanding

Designed for highest requirements in terms of quality and flexibility. Various compact models are available for complete processing of state-of-the-art edging and panel material. Program selection allows the machine to be set up without even opening the hood, so that it is ready for production immediately. The HOLZ-HER SPRINT series set the highest, professional standards for edgebanding without compromises.

- Maximum precision and processing reliability for many years with torsionally stiff, welded machine columns.
- Ergonomic operation with rotating and pivoting control panel. Comprehensive program memory with complete storage of all operating data as well as service messages in clear text.
- Fully automatic control of processing machines at the touch of a button using NC servo-axes.
- All five SPRINT models are equipped with our **Glu Jet** system as a standard feature for razor-thin glue joints, fully equal to any industrial laser edging.

Change edging at the touch of a button –
without opening the hood



Illustrations may contain optional features.

Simple Handling – High Productivity

■ Long, motor-driven run-in linear guide

For optimum feed of long workpieces. Joint thickness can be adjusted automatically at the touch of a button on the motor-driven run-in linear guide (optional) (Fig. 1).

■ 6-fold edge feeder

New with sensor for recognition of remaining length and automatic change-over to alternative edging channel. Including auxiliary shaft for feeding in cut-length edging (optional) (Fig. 2).

■ Radius scraper

Motor-adjustable scraper with two NC servo-axes for optimum adaptation to existing edge tolerances (optional) (Fig. 3).

■ Nesting package

For concealed hinge holes or trapezoidal work (optional) (Fig. 4).

■ Transport chain lubrication

Intelligent automatic transport chain lubrication. Sensor-controlled unit, for metering lubrication to match load (optional).



ECO Mode

Intelligent energy management for HOLZ-HER edgebanders.

SYNCHRO

For short intervals between workpieces and optimized edge protrusions.

High standards guarantee your investment for the future

The HOLZ-HER Edge Control PPC 221 and PPC 231 provide extremely high performance making them a paragon for simple operation. A high-end industrial PC is used. Set-up and conversion of the machine has never been so rational.

Monitor

- VGA color monitor PPC 221 (standard) or 15"-Touch-screen PPC 231 (optional).
- Graphic user interface, all information displayed in plain text and/or graphic form.

- Simple operation – rotating and swiveling control panel at eye height (Fig. 1 top right).
- Dust-proof foil keypad – protects PC for long service life.
- LED display for unit selection.

Program list

- Programs are simple to call with program names and numbers.
- Large program memory for all desired applications.
- Individual selection of units with the functions as basic setting possibilities for nominal values, path points and tool corrections.
- Set-up processes for units and their axis settings carried out centrally and clearly by fine adjustment to 1/100 mm (depending on equipment).

Integrated path control

- Interval display for shortest workpiece distance.
- Path points are controlled generally or in a program-specific manner.
- Clear and complete acquisition of all operating data: Total running meters, total number of parts, total number of hours, as well as running meters, quantity and time per program with reset function.
- Service reports in plain text.
- Integrated synchronous bus system for high accuracy in controlling the units.
- Individual management for up to ten users with password protection and individual authorization.



Equipment/Service

- Network connection (optional).
- Online maintenance (optional), rapid exchange of data with HOLZ-HER service department.
- Barcode interface (optional).
- Connection to HOLZ-HER process data management (HHPDE) system for direct read-out of operating data.

Electronically controlled
setup processes
with accuracy of 1/100 mm

PPC 231 Edge Control with
15"-Touchscreen (optional).

1

Highly efficient production through HOLZ-HER machine network Programming – Sawing – Edgebanding – CNC Machining

CabinetControl (1)

- Design component at the click of the mouse.
- Automatic generation of cutting lists and CNC programmes.

Perfect data flow (4)

- Program information also via data matrix barcode.

Rational and precision sawing (2)

- Perfect cutting results.
- Mature optimization software.
- Optimum sawing cycle.

Intelligent edgebanding (3)

- Program selection at the press of a button.
- Alternative: fully automatic with barcode.

Effective CNC performance (5)

- Automatic program call with barcode.
- Variable programming with CAMPUS Software.
- Perfect cutting results.



Glu Jet – Zero Joint with Thin Film Technology

The clear advantages of our hybrid technology in combination with the new HOLZ-HER thin film technique make this gluing system the all-rounder for craftsmen and industrial users. Visual zero joints with PUR glue – allowing use in wet areas – are natural for HOLZ-HER customers.

Ultra-thin glue joints, easily equivalent to industrial laser edges, are easy to achieve with the HOLZ-HER **Glu Jet** system, which also offers unrivaled flexibility.

Starting with the state-of-the-art, high gloss edging right up to solid wood edging with cross section of 15 x 65 mm, HOLZ-HER remains unequaled in terms of appearance, regardless of the material. HOLZ-HER sets the trends for tomorrow today.

Glue Change and Cleaning Require Only 3 Minutes Each



Heat-up time
3 minutes

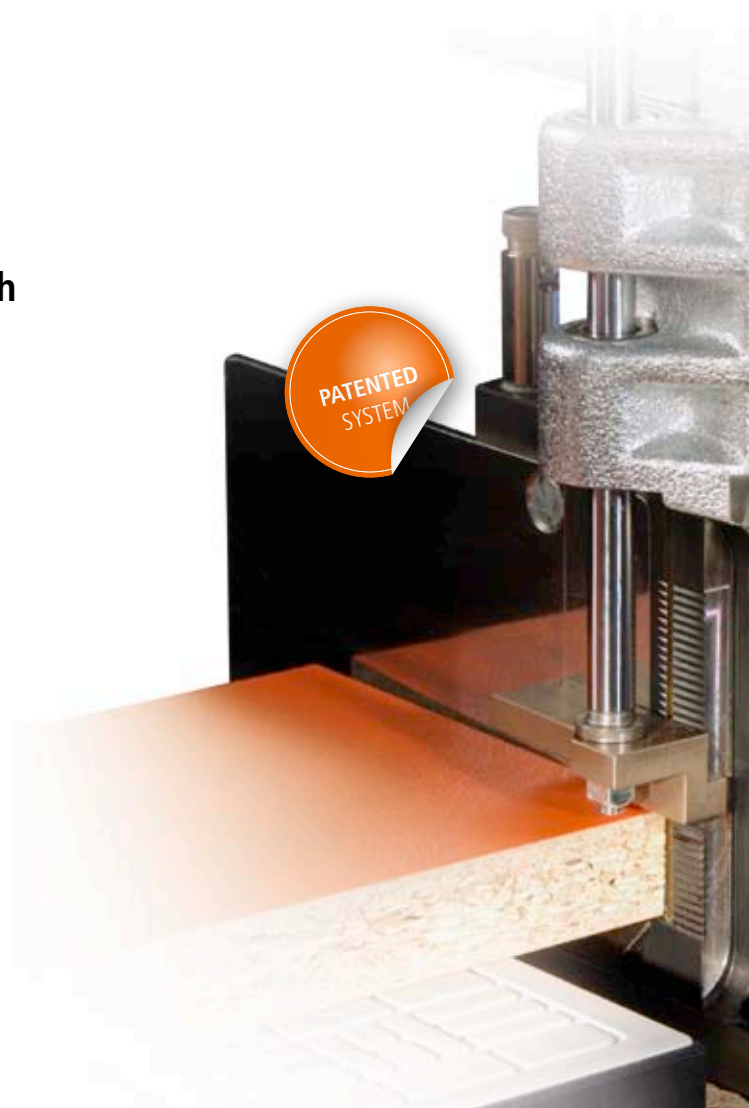


Glue change*
3 minutes

* to PUR glue, to EVA glue and color change



Cleaning
3 minutes



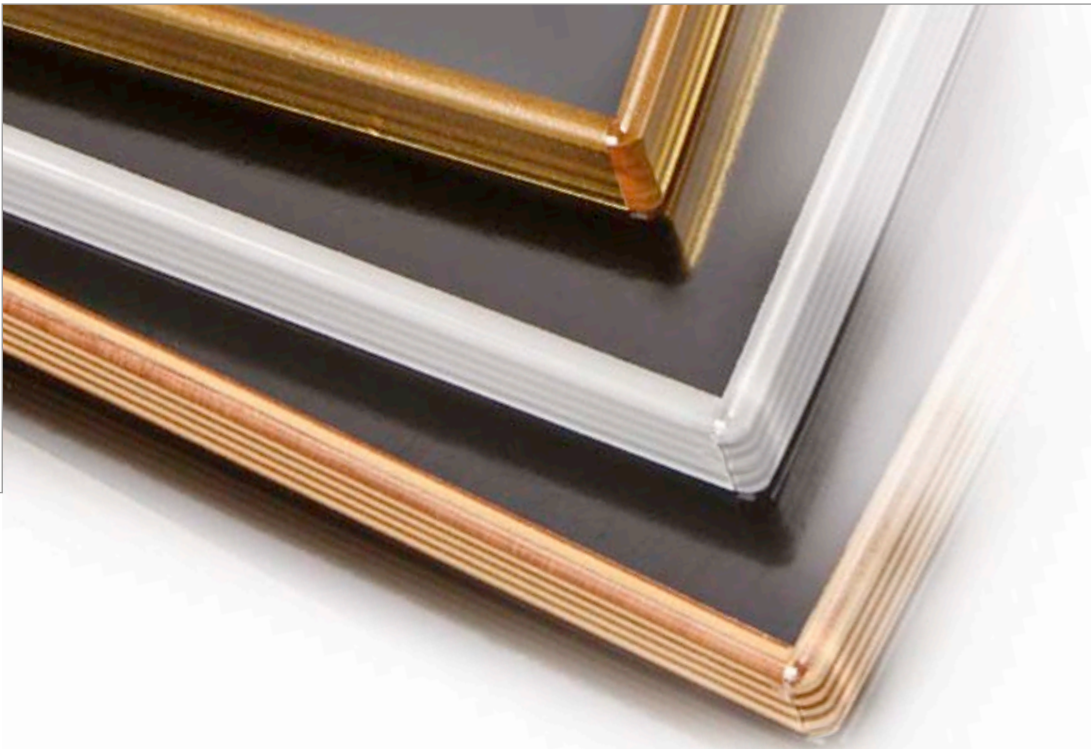


PUR Glue is the Standard for Professional Cabinet Makers

Industrial technology for every shop – with the **Glu Jet** System you can process PUR glue on a standard basis; just as simply as EVA glue. Strong arguments for you and your customers:

- No additional glue basin.
- No expensive nitrogen tanks.
- High strength joint for extremely long service life.
- Resistant to heat and water, providing quality advantages in all areas of cabinetmaking.





Perfect attachment of various edging materials.

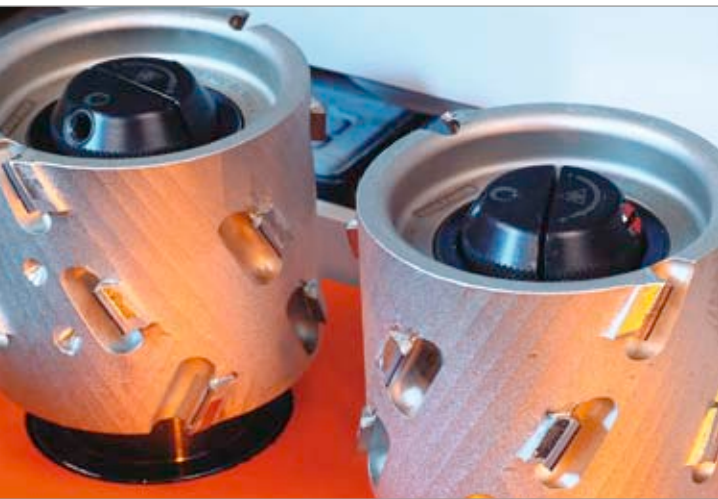
Powerful Performance, High Degree of Automation

Our solid, state-of-the-art processing machines are subject to continuous development based on our 50 years of experience with edgebanders, guaranteeing high quality processing of your edges and optimum product quality of your finished furniture. Diamond tipped cutters at the highest level for maximum service life and cutting results with maximum repetition accuracy.



**Clean Joints and
Finishing on high Gloss
Edging**

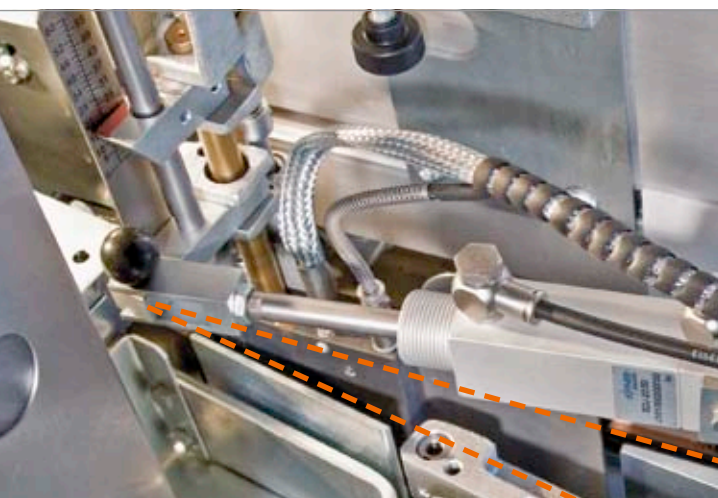
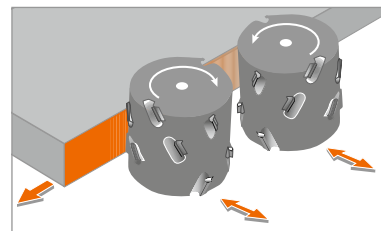




Pre-Milling

Cut edgings often have small tears in the top layer. The pre-milling cutter unit ensures perfect glued surfaces and prepares the panels for the gluing process.

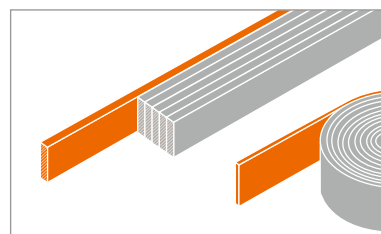
Equipped with ProLock quick-change flange including height adjustment for optimum utilization of cutters.



SYNCHRO Edge Feeder

The new edging magazine with SYNCHRO drive. The new magazine with its synchronous adaptation to the feed rate guarantees short intervals between workpieces and simultaneously optimizes edging protrusions.

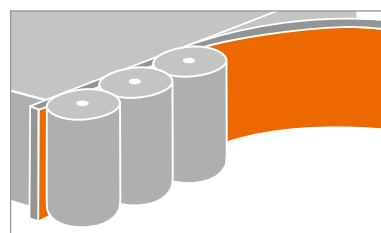
Small feed angle thanks to nozzle design – easy feeding of solid wood edging up to 15 mm.



Motor-Driven Pressure Unit

Synchronously driven pressure unit with automatic adaptation to feed rate thanks to NC servo-axes for motor-driven adjustment to correct edge thickness (optional).

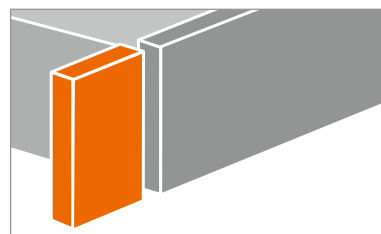
Straight and tapered pressure rollers for perfectly glued joints.



Pneumatic End Trimming Unit

For straight or chamfered end trimming on thin edging; a standard feature allows this unit to be pivoted to 10 degrees pneumatically. High quality version with stable cast iron pillars.

Sawing motors each with two guides for precisely trimming off protruding edging.



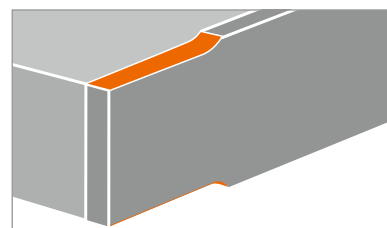
Convincing Cutting Results up to Edge Thickness of 15 mm



Flush Cutting Unit

High performance cutting unit for edge thicknesses up to 15 mm. Two NC servo-axes for cutting with and without edge protrusion (optional).

15 mm edge thickness standard on SPRINT 1327 solid and 1329 solid.



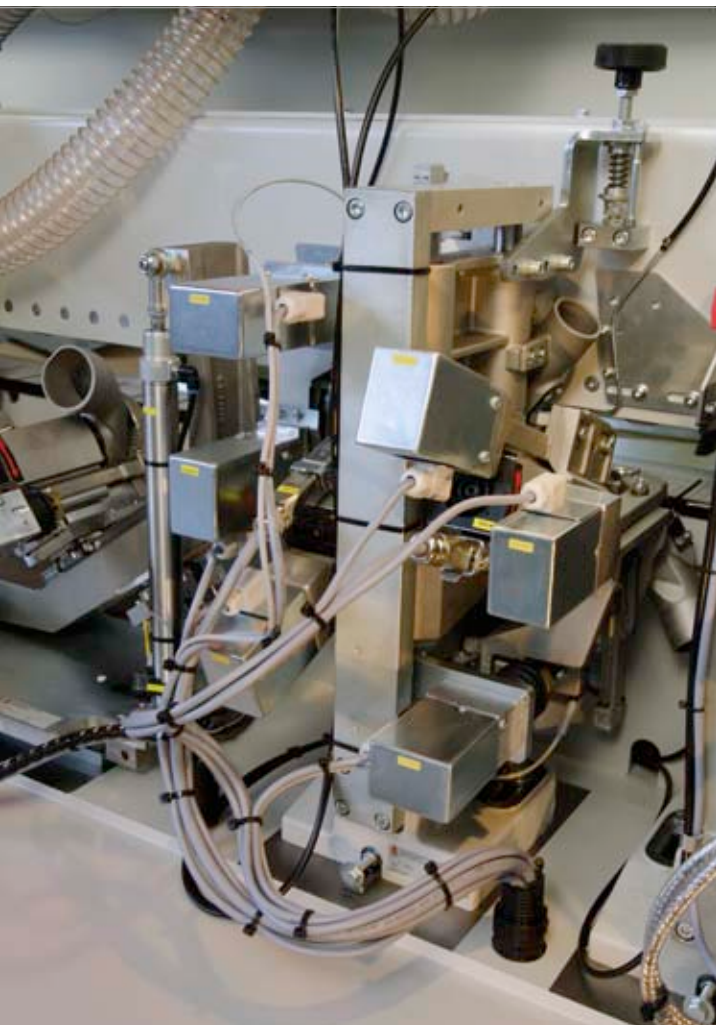
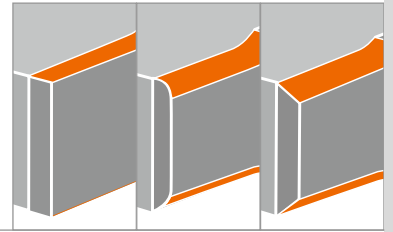


Pneumatic Cutter Unit

Multifunction cutter unit for flush cut on edging with thickness up to 8 mm, radiuses up to 3 mm, pivots 0–15 degrees. Including diamond tools.

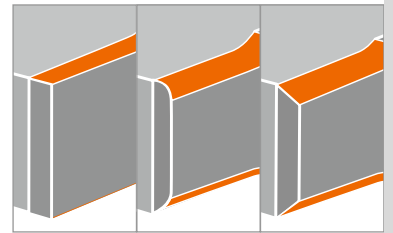
Further equipment:

- Integrated chip collection in tool
- ProLock system
- Motorized version (optional)



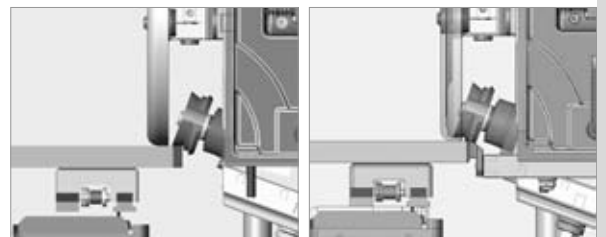
Multi-function Cutting Unit with 4 NC Servo-Axes

For flush, radius and bezel cuts including permanently installed diamond tool with patented Air Stream system. Also available with optional fully automatic control with six NC servo-axes.



Multi-function Cutting Technique at highest Level

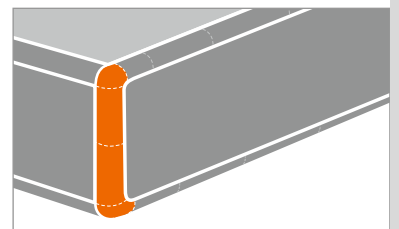
Copying near the joint and moving fully automatically with multi-function tools – perfectly combined with HOLZ-HER cutting technology.

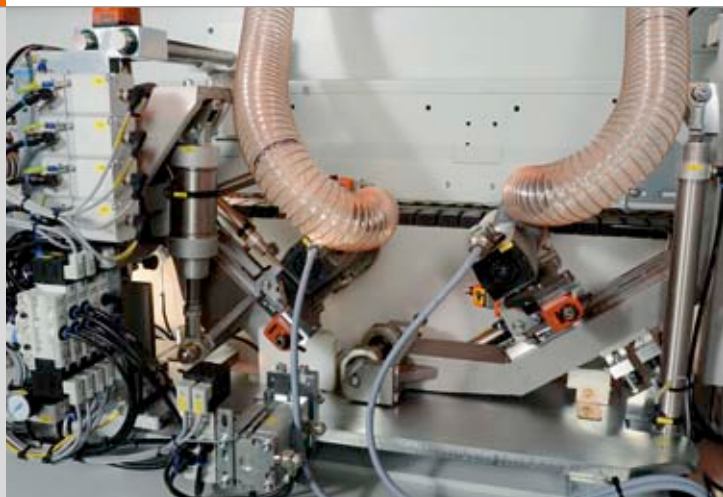


Corner Copying Unit

Unit for copying vertical, end edges, various edge profiles possible – including postformed profiles. Integrated chip removal. With diamond tipped tools for long tool service life.

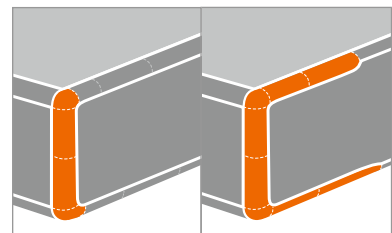
NOW NEW: With working height of 60 mm.





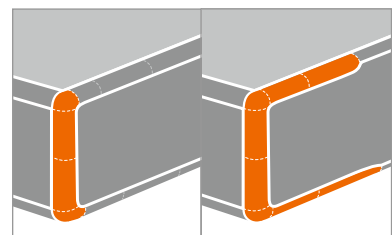
Form Trimming Unit

Form trimming unit for corner copying. Machining with two cutter motors for a wide variety of postforming profiles. Including two diamond tipped cutters with CM technology and ProLock quick-change chuck. Maximum workpiece thickness 60 mm.



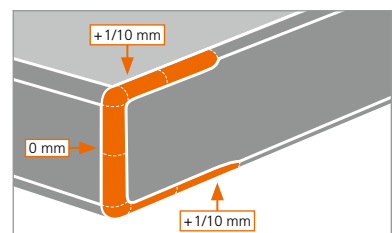
Form Trimming Unit with 4 NC Servo-Axes

Form trimming unit for corner copying. Machining with two cutter motors for a wide variety of postforming profiles. Standard equipment included four NC servo-axes as well as two diamond cutters with CM technology and ProLock quick-change chuck. Maximum workpiece thickness 60 mm.



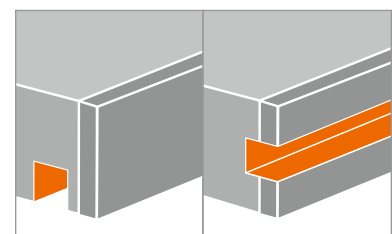
■ Pendulum sensor

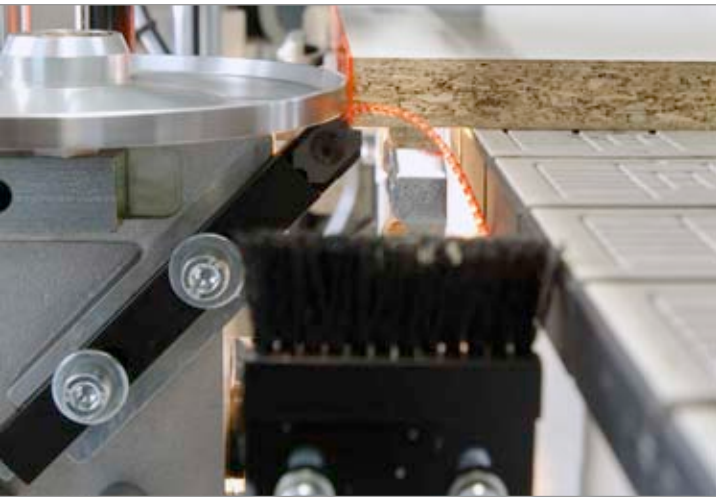
Automatic pendulum sensor copies rear without material protrusion and leaves the optimum edge protrusion for the longitudinal edge for subsequent machining.



Grooving Unit

Optimum chip collection with grooves running in opposite direction. With two NC servo-axis for groove depth adjustment as well as groove position above control panel as a standard feature. Pivots 0–90 degrees including grid holes at increments of 11.25 degrees. Including plunge control.

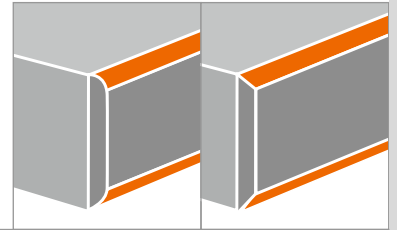




Scraper Unit

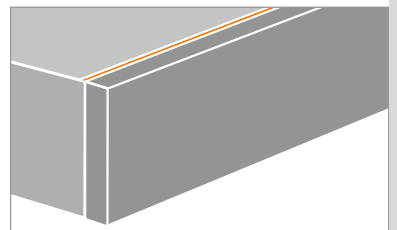
For perfect smoothing of radiuses and chamfers on plastic edging.

Also available with two NC servo-axes (optional).



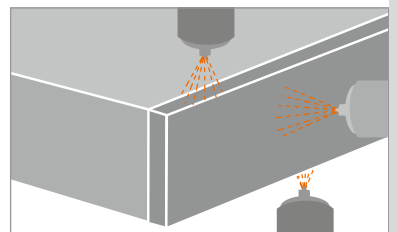
Glue Scraper

Clean post-processing of surfaces. Application controlled with two reversible blades, manual post-processing not required. Standard setup.



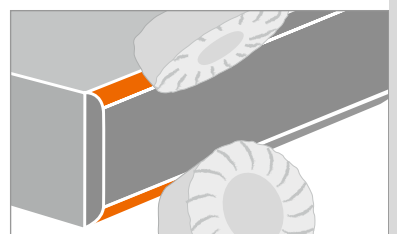
Spraying Devices

Spraying units for parting agents and cleaning agents for feed and discharge area. Anti-static, coolant and lubricant – electronically controlled by special nozzles – for perfect edge finishing.



Buffing Units

Polishing for maximum gloss; for complete finishing. Standard setup.



Overview of SPRINT Series

| Machine | SPRINT 1327 classic | SPRINT 1327 massiv | SPRINT 1329 massiv | SPRINT 1329 grooving | SPRINT 1329 premium | Options |
|------------------|------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|
| Control | PPC 221 | PPC 221 | PPC 221 | PPC 221 | PPC 221 | Touchscreen |
| Bridge | Motor-driven | Motor-driven | Motor-driven | Motor-driven | Motor-driven | |
| Magazine | SYNCHRO | SYNCHRO | SYNCHRO | SYNCHRO | SYNCHRO | 6-fold magazine |
| Edging magazine | 40 mm* | 150 mm | 150 mm | 40 mm* | 40 mm* | 150 mm* |
| Pre-milling | 64 mm | 64 mm | 64 mm | 64 mm | 64 mm | |
| Glue application | Glu Jet | Glu Jet | Glu Jet | Glu Jet | Glu Jet | Glu Jet automatic |
| Pressure unit | 3 pneumatic rollers | 3 pneumatic rollers | 3 pneumatic rollers | 3 pneumatic rollers | 3 pneumatic rollers | Motor-driven |
| End trimming | Two-motor | Two-motor | Two-motor | Two-motor | Two-motor | |
| Cutter 1 | Multi-function 8 mm | Flush 15 mm | Flush 15 mm | Multi-function 8 mm | Flush 8 mm | + MOT versions |
| Cutter 2 | X | Multi-function 8 mm | Multi-function 8 mm | X | X | + MOT versions |
| Corner copying | 60 mm | X | 60 mm | 60 mm | 60 mm two motor* | * MOT 4 + pendulum sensor |
| Scraper unit | Pneumatic | Pneumatic | Pneumatic | Pneumatic | Pneumatic | MOT 2 |
| Glue scraper | Application controlled | Application controlled | Application controlled | Application controlled | Application controlled | |
| Buffing | Pivoting 5° (standard) | Pivoting 5° (standard) | Pivoting 5° (standard) | Pivoting 5° (standard) | Pivoting 5° (standard) | |
| Grooving | X | X | X | MOT 2 | X | |

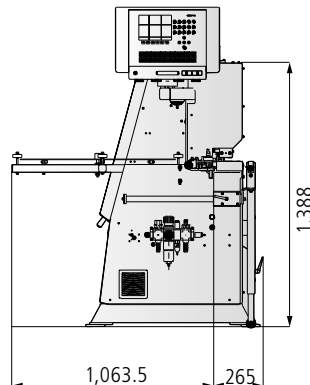
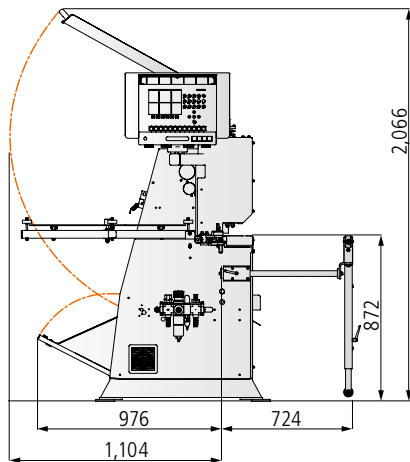
| | |
|---|------------------------------|
| | Optional |
| | Included as standard feature |
| X | Not possible |
| | Free space |



TECHNICAL DATA

| | SPRINT 1327 classic | SPRINT 1327 massiv | SPRINT 1329 massiv | SPRINT 1329 grooving | SPRINT 1329 premium |
|-------------------------------|------------------------|-----------------------|-----------------------|-------------------------|------------------------|
| Machine dimensions | | | | | |
| Overall length (mm) | 5,195 | 5,195 | 5,696 | 5,696 | 5,696 |
| Weight (kg) | 1,980 | 1,980 | 2,200 | 2,200 | 2,200 |
| Feed rate | | | | | |
| Feed rate (m/min) | 10 – 18 | 10 – 18 | 10 – 18 | 10 – 18 | 10 – 18 |
| Working dimensions | | | | | |
| Minimum workpiece length (mm) | 160 | 160 | 160 | 160 | 160 |
| Minimum workpiece width (mm) | 60 | 60 | 60 | 60 | 60 |
| Workpiece thickness (mm) | 6 – 60 | 6 – 60 | 6 – 60 | 6 – 60 | 6 – 60 |
| Edging thickness (mm) | 0.4 – 8 (15)* | 0.4 – 15 | 0.4 – 15 | 0.4 – 8 (15)* | 0.4 – 8 (15)* |

* with tool change



High Quality Details

Standard noise control – to reduce noise at the machine (Fig. 1).

Automatic locking roller for minimum workpiece protrusion and high productivity (Fig. 2).

Rollways in feed and discharge area (Fig. 3) – eliminate scratches on sensitive surfaces.



Product brochures and many
videos are available at
www.holzher.com



The technical data specified 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. Some of the machines shown also contain special equipment not included as a standard feature. For clarity, some of the machines are shown without protective hood.

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