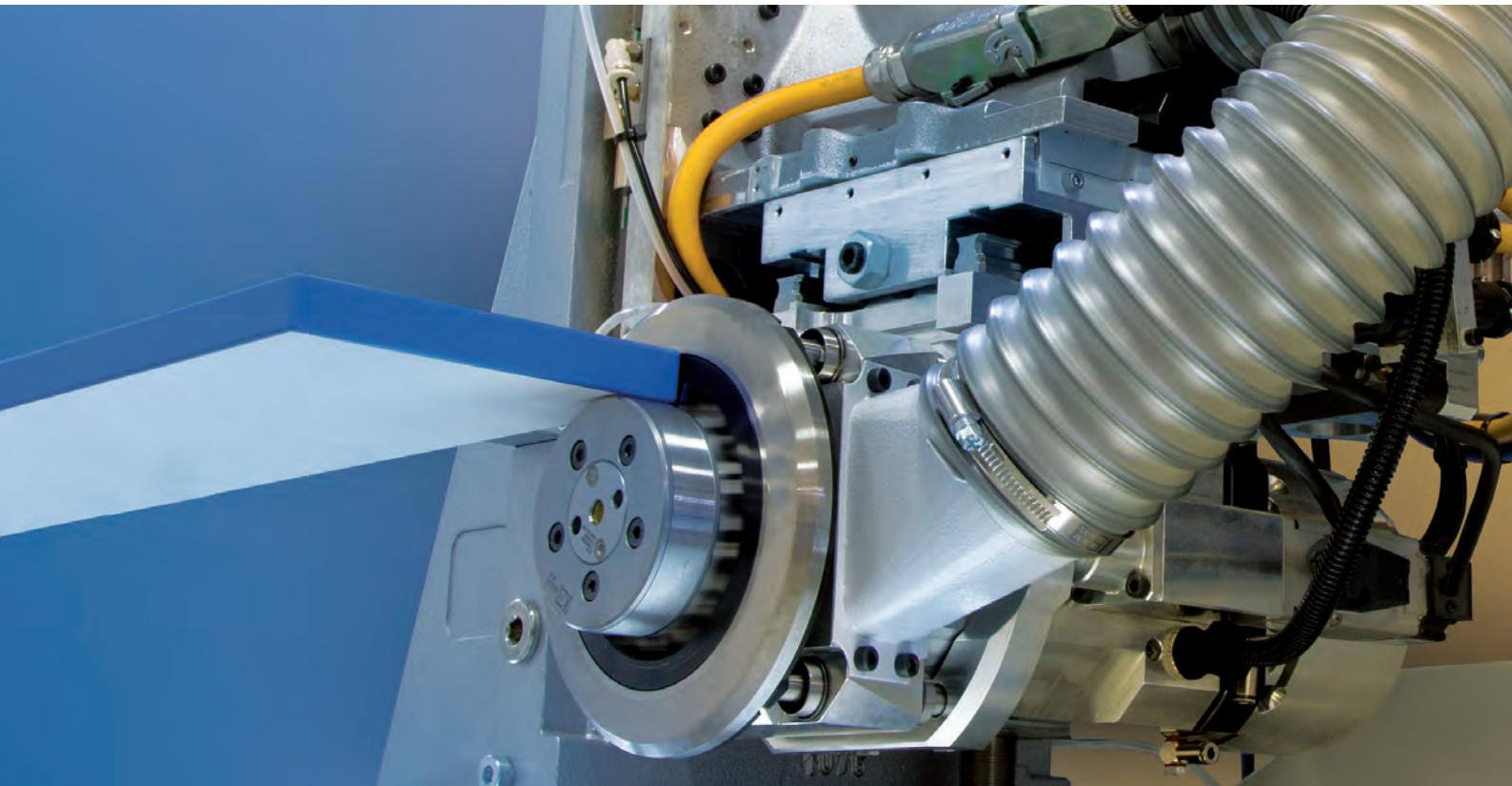


# Edge banding machines KAL 370 profiLine



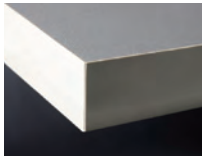
Machines as unique as your furniture

# The KAL 370 profiLine series: Performance and equipment features to suit you

HOMAG is setting new standards with this series: Thanks to innovative engineering and durable quality, new landmark achievements are now possible in the field of edge banding in terms of both economy and performance – no matter what the material. Just as impressive: The cost-to-performance ratio and multiple award-winning industrial design which ideally combines ergonomic styling with functionality.







0.4 mm melamine



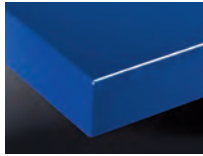
2 mm PVC



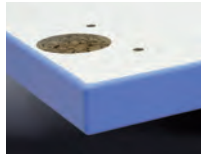
20 mm solid strips



Veneer



High gloss



Nesting

**For more information, go to:**

[www.homag.com](http://www.homag.com)

[www.youtube.com/homaggroup](http://www.youtube.com/homaggroup)



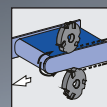
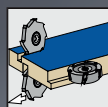
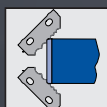
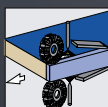
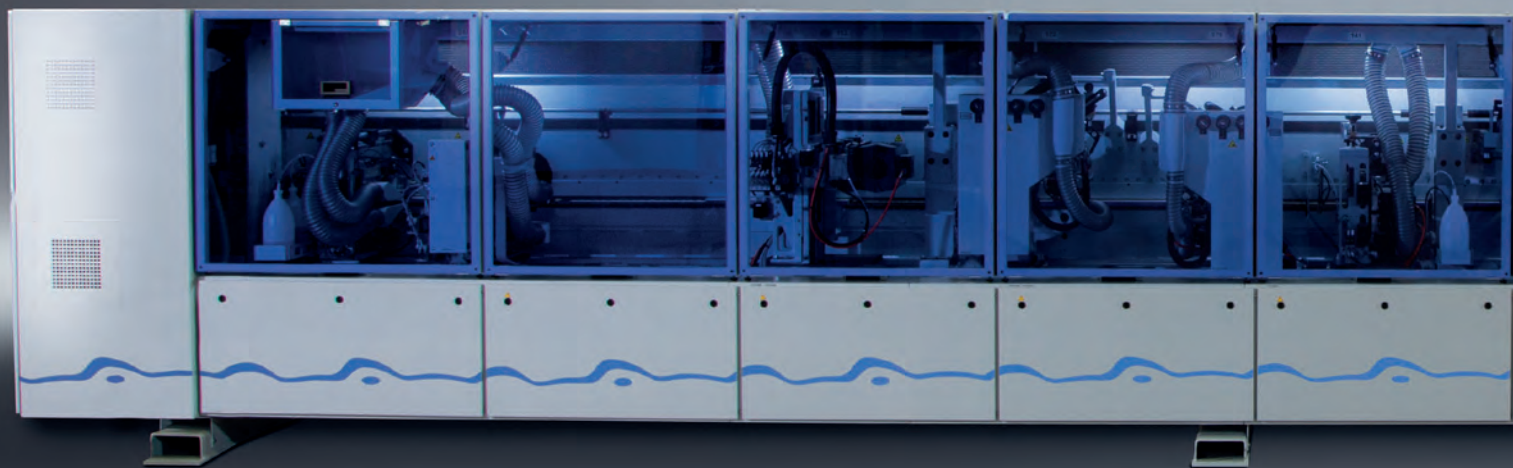
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# Optimum results and reduced piece costs – no matter what the edging material

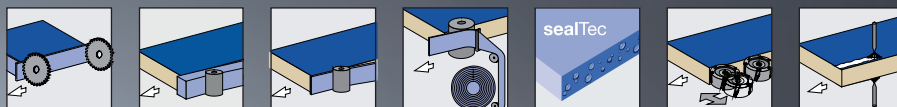
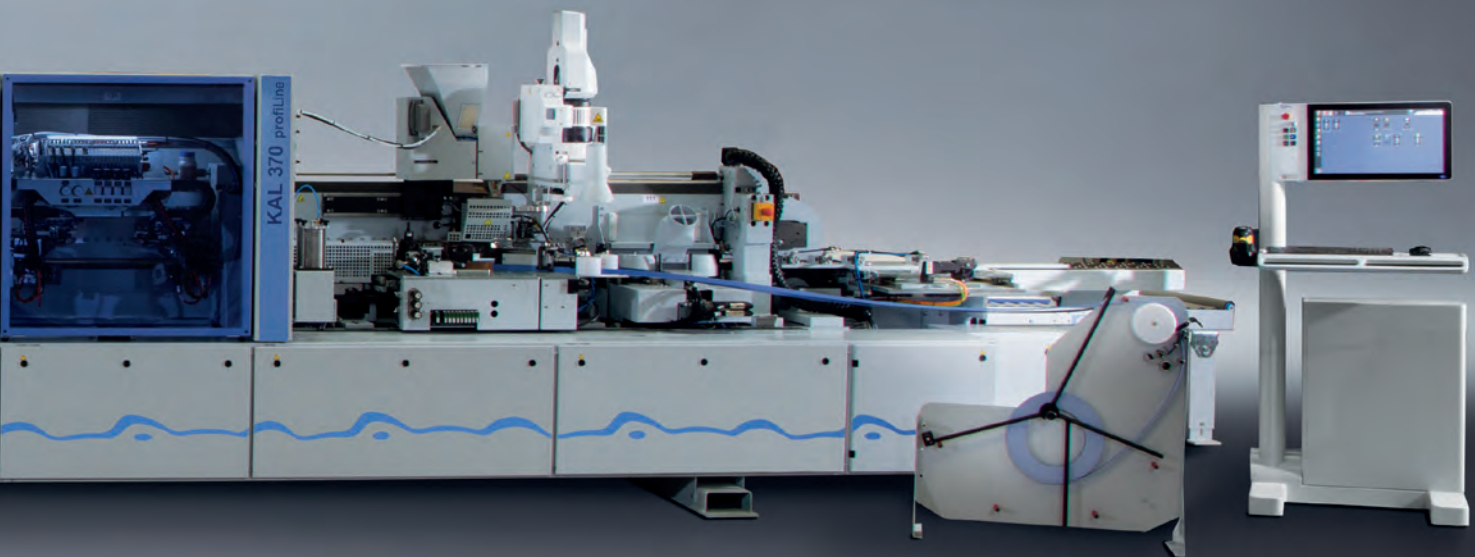
The development of the KAL 370 profiLine has provided an innovative answer to growing competitive pressure in the furniture marketplace. Producers in this field are confronted in this day and age with growing material diversity. So any edge banding machine must be both efficient and capable of material-independent application. The Ambition 370 delivers a shining performance no matter what the discipline – technology, quality, output, function and design – ensuring a fast payback of your investment in practical application.

HOMAG KAL 370 profiLine



## Your benefits at a glance

- Durable design
- Processing of all kinds of edge materials
- Optimum edge quality
- Enhanced availability through maintenance-friendly machine structure
- Greater economy due to minimized extraction output
- Low energy requirement
- Ergonomically arranged control functions
- Optimum cost-to-performance ratio
- High degree of flexibility in the choice of equipment outfit





# With or without jointing trimming: Two basic models for precise edges

The KAL 370 **profiLine** series is universally suited for any application, with feed rates of 20, 25 and 30 m/min. Select the right units for you from our extensive modular range. Workpiece infeed systems enable efficient, precise infeed of your workpieces.

KAL 370 **profiLine** – enabling edge perfection



## Your benefits at a glance

### Optimum edge quality

Edge banding takes place with a wafer-thin glue joint, eliminating the need for finish processing. The quick melt system makes for energy-saving machine operation with minimum heating-up time and a friction-locked connection. The PU glue system can optionally be used for high-resistance, waterproof and heatproof gluing results on a polyurethane basis.

### Modern design and future-oriented technology

Machine operations are both energy saving and environmentally friendly. The machines are equipped with a PC control system without limit switches. The drive system benefits from low-noise, maintenance-free frequency converter technology. The motors are braked by an automatic safety system if required.

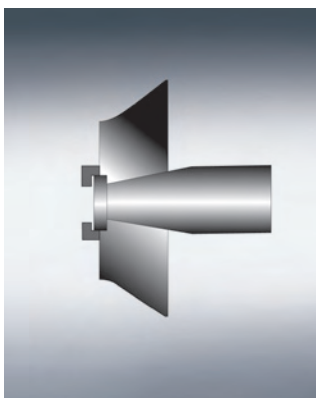
### Environmentally friendly technology no matter what the material

The KAL 370 **profilLine** is capable of processing any kind of edging material customarily used by the processing industry today. These include for instance solid wood, coil and strip material, melamine, PVC, ABS, aluminium, acrylic and veneer edges. Banding is performed primarily using hot-melt glue, or for special requirements also water-resistant PU adhesive.



### I-system – controlled chip capture

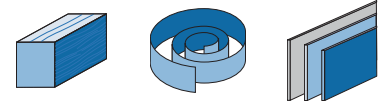
The chips are extracted already in the interior and selectively directed to the dust hood. Greater economy and a longer service life due to reduced wear and lower service costs. Reduced extraction speed drives down energy consumption and costs.



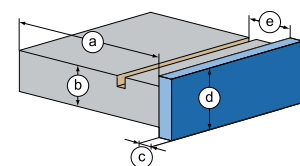
### HSK interface

The hollow shaft taper (HSK) tool interface ensures a positive locking connection between the tool and motor shaft. Zero tolerances between the motor shaft and tool. This generates optimum trimming quality due to vibration-free tool concentricity.

	Solid (mm)	Coils (mm)	Strips (mm)
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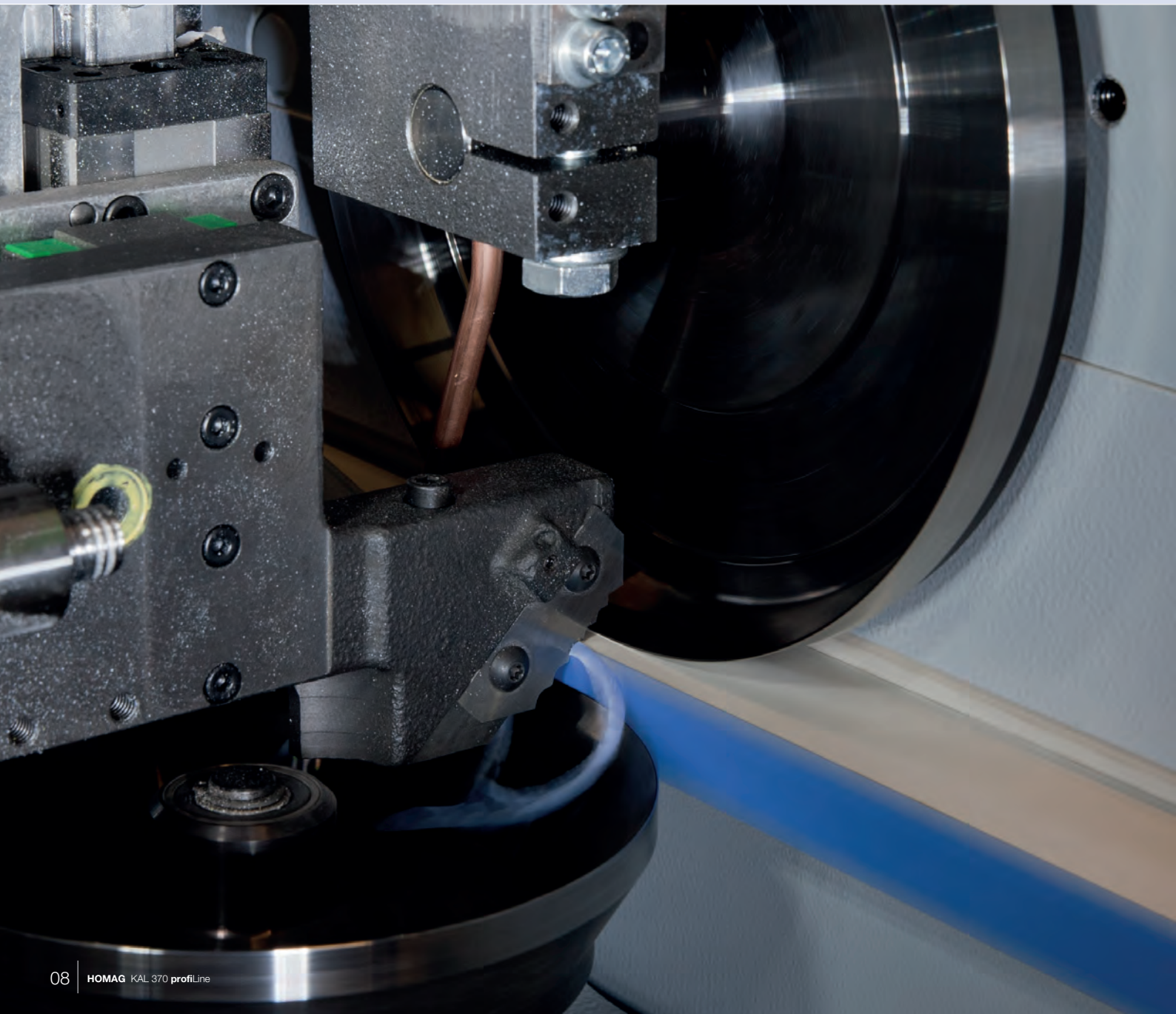


a	with b = 22: min. 85 with b = 60: min. 125		
b	12-60 8-100 (option)		
c	20	0.4-3.0	0.3-3.0
d	12-65 / 100 (option)		
e	max. 25		



# The HOMAG standard: Equipped to your specifications for custom-tailored results

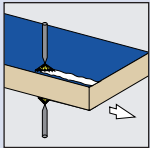
The machines of the KAL 370 profilLine series process every workpiece completely. To ensure that the optimum solution is always available for your specific assignment, you can choose your own specific equipment configuration with this series, from the first work step through to the perfect finish. To ensure that every production step produces top-quality results, all the components are designed for perfect interaction. We recommend also asking about flexTrim and flexBlade, the 2-profile technology for fast automatic profile change.





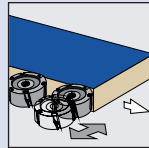
# Units to prepare for high-quality gluing

The separating agent spraying unit and the jointing trimming unit ensure optimum preparation of your workpieces for gluing. The sprayed separating agent application simplifies the removal of glue residues. The jointing trimming unit provides the perfect basis for splinter-free glue joints with a consistently high standard of product quality.



## Separating agent spraying unit

Prevents the adhesion of hot melt glue residues on the top and bottom of workpieces, so creating optimum workpiece quality.



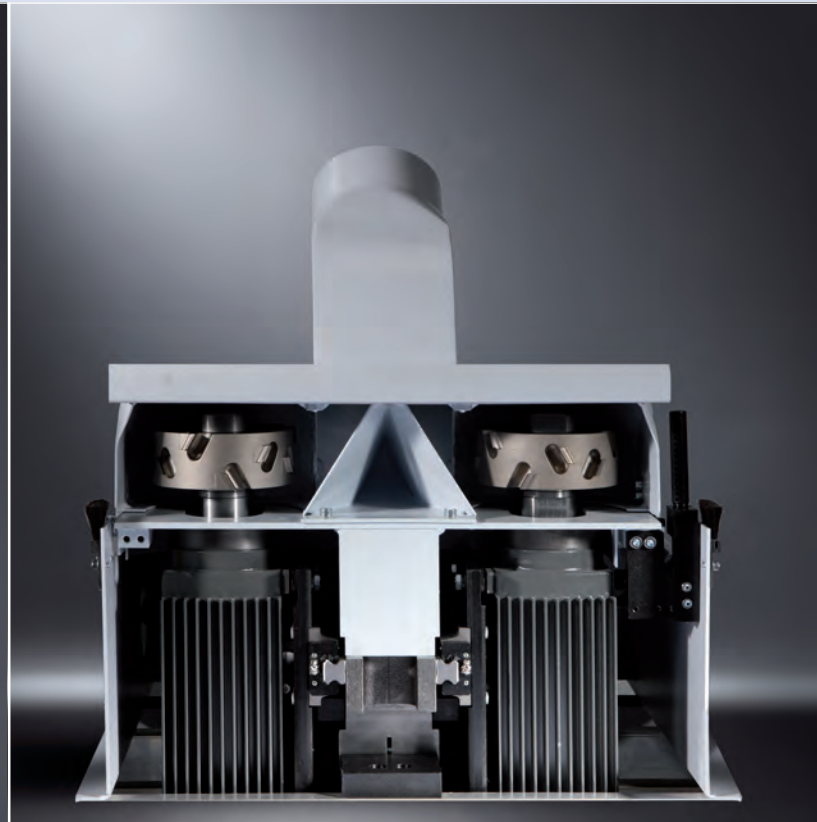
## Jointing trimming

This unit permits a high level of processing precision, is extremely hardwearing and is also designed to ensure an above-average service life. The diameter of the low-noise, flying chip-optimized tool (I-system) is 125 mm.



### Your benefit

No need for manual finishing steps (in conjunction with the glue joint scraping unit).

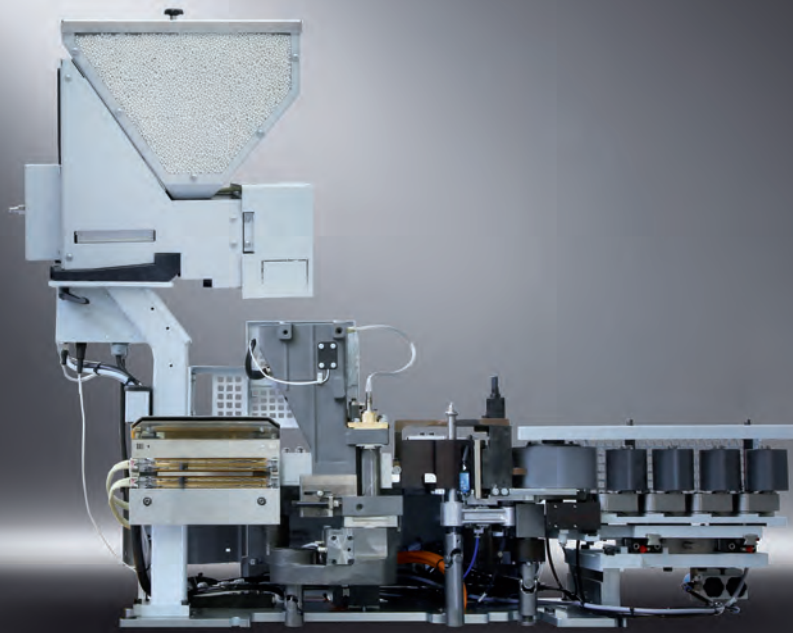


### Automation to suit every need

- Automatic height adjustment
- Program-driven trimming tool centering

# Gluing units – reliable hot melt glue application

HOMAG gluing units are the professional solution for fast, friction-locked glue joints. An EVA pre-melt unit comes as standard. The heated glue roller ensures an optimum glue temperature for all workpiece thicknesses and consistently high gluing quality. The magazine height adjustment permits different workpiece thicknesses to be processed with one edge height. If required, the gluing unit can also be equipped for you with a PU pre-melt unit – to enable rapid changeover to a different glue color or to PU.



## Hot-melt gluing unit for coil material

For processing coil material from 0.3–3 mm.

## Previous gluing technique



Dimensions in mm

## Optimized gluing technique with servo edge feed



Dimensions in mm

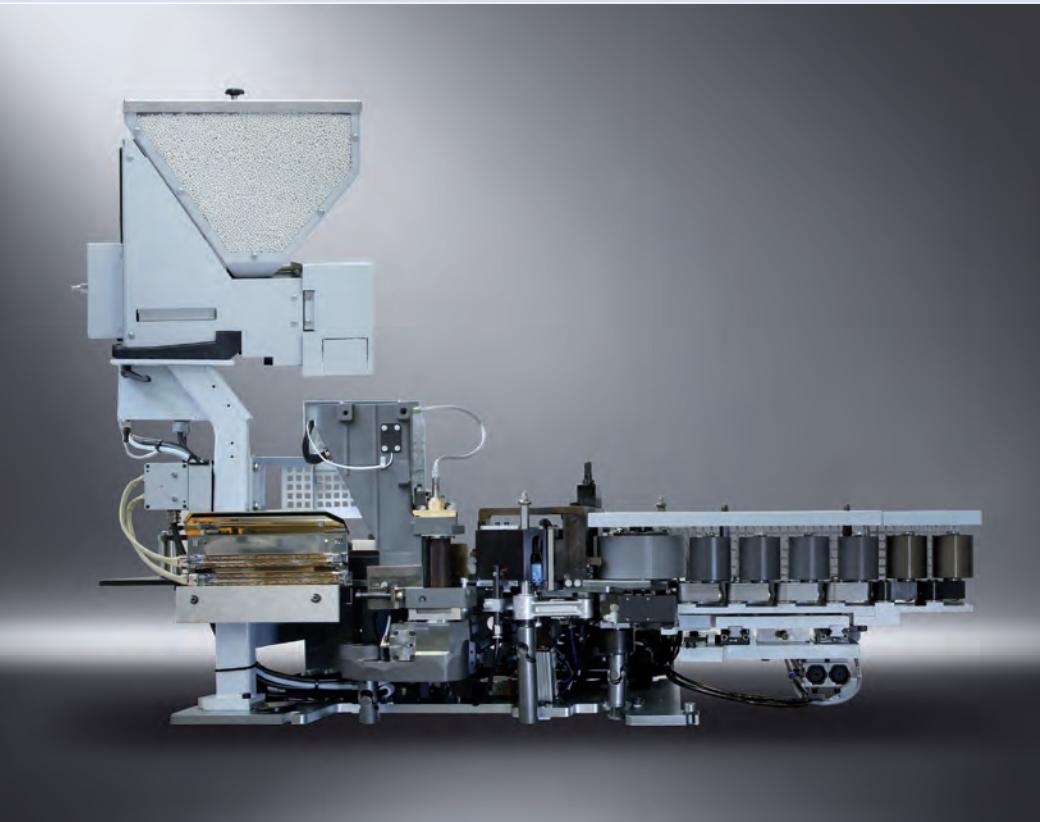
## Servo edge feed

Edge feed with a precision of +/- 2–3 mm at the leading and trailing edge to reduce edging material waste.



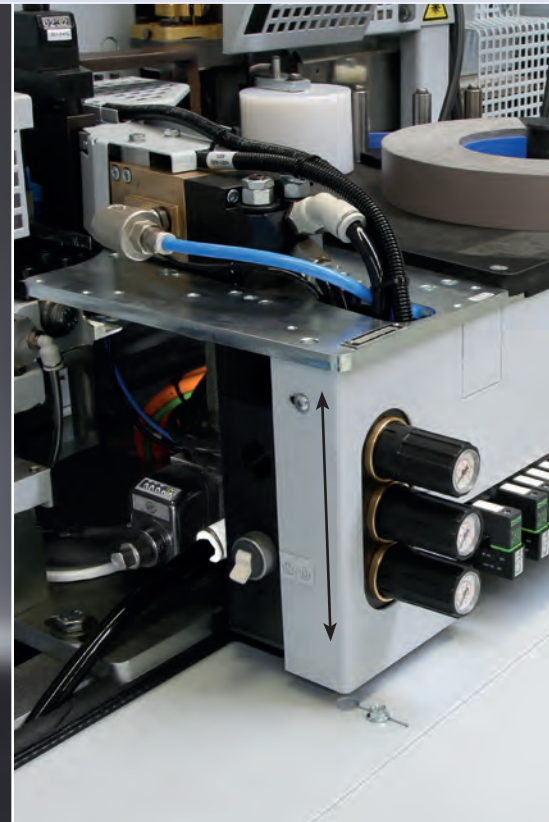
## Your benefits at a glance

- Optimum glue application on the narrow surface
- Changes to workpiece thicknesses do not necessitate resetting of the glue application roller
- Magazine with 2 rollers for the fast, manual changeover of edges with single edge feed
- Glue roller lift-off on feed stop
- Easy-access granulate tank and level control
- Pre-melter for melting hot-melt glue as required either manually or automatically
- Sensor for glue level control in the application unit
- Glue roller with integrated heating guarantees constant temperature and viscosity for all workpiece thicknesses
- Electropneumatic glue roller and tank clamping prevents glue soiling on the trailing edge of the workpiece
- Individual drive for glue roller and first pressure roller synchronized with feed
- Tracing pad prevents wear of the application roller and ensures a consistent glue film thickness
- Simple removal of the application unit with quick-release lock
- Easy access to all functions from the front simplifies operation and maintenance
- Sensor for edge monitoring prevents hot-melt glue application on the workpiece where there is no edge present. This prevents contamination of the pressure rollers
- Manual height adjustment of the magazine
- **airTec** can be retrofitted
- Facility for mounting **laserTec**  
For patent-related reasons this may only be used in Germany with Rehau edges.



### Hot-melt gluing unit with solid wood package

For processing coil material from 0.3–3 mm and solid strips of up to 20 mm.

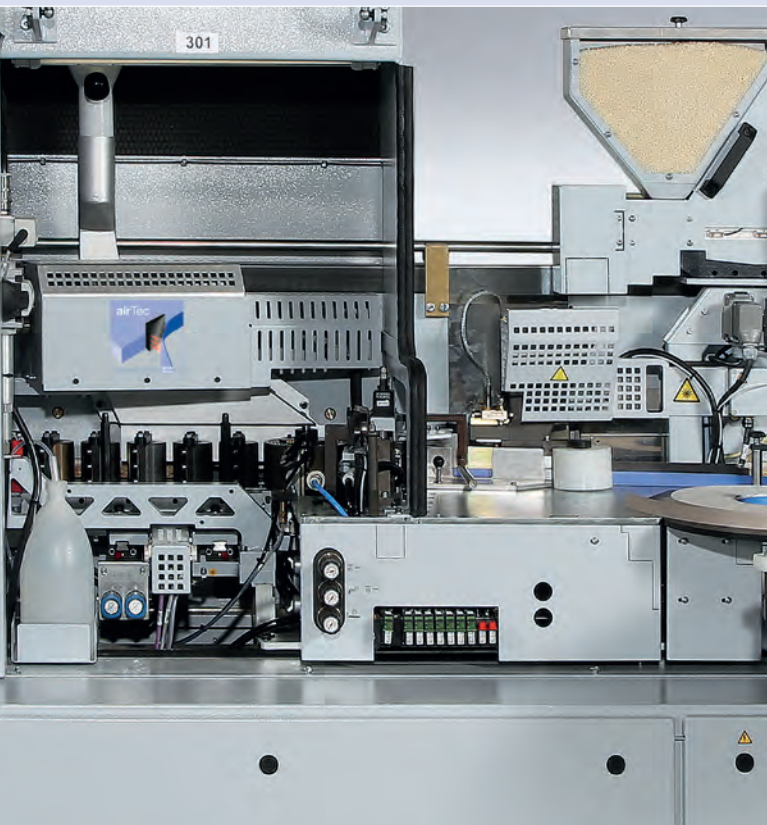


### Magazine height adjustment

For processing coil material from 0.3–3 mm and solid strips of up to 20 mm. Different edge thicknesses can be processed with a single edge height.

# The optical zero joint – the quantum leap in furniture production

**Premium quality edge banding: Zero joint technology has fundamentally transformed furniture manufacture. The optical “zero joint” is the new quality standard for edge processing in the furniture and interior fittings trade. Using both the airTec and the laserTec method from HOMAG, you can produce furniture with an unprecedented standard of edging quality.**

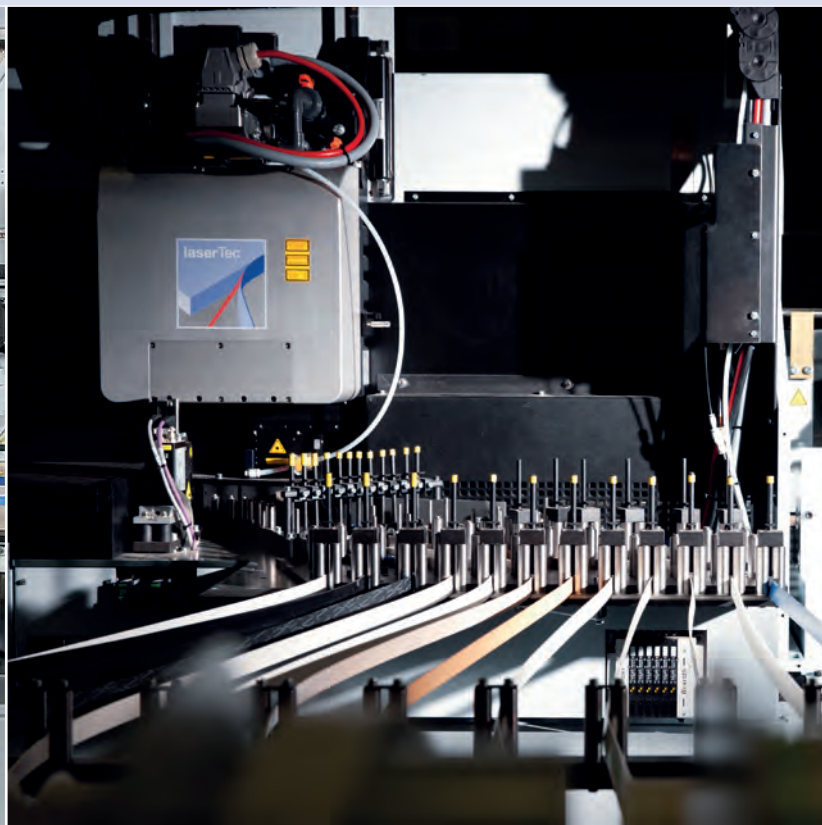


## **airTec – the perfect entry into zero-joint technology**

Edge and panel are seamlessly joined through the use of hot air. The edges comprise a “hard” decor layer and a meltable function layer. The airTec activation unit melts on the function layer and presses the edge onto the workpiece being processed.

## **First-class edge quality coupled with a favorable resource balance**

The airTec method uses surprisingly few resources. Depending on the workpiece and edge spectrum, energy and air consumption is 20–40 % lower per workpiece than with previous hot air systems available in the market.



## **laserTec – optimum process reliability coupled with high feed rates**

Edges and panels are joined using an aligned laser beam whose oscillating action melts a wafer-thin function layer of the edging material.

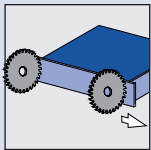
## **Ultra-high premium quality edges produced with outstanding economy**

The perfect appearance is achieved by the jointless transition from the edge to the panel, and by the perfect match of color between the function layer and the decor material. As the system is immediately ready for production, unproductive waiting times are eliminated. As there is no longer any need for glue, the use of material and associated logistical processes are reduced. This technology is also kind to the environment.



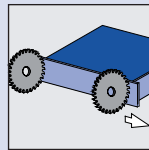
# Snipping units – the perfect preparation for trimming

The snipping units prepare the workpieces perfectly for subsequent trimming operation. The face side can be snipped either straight or with chamfer.



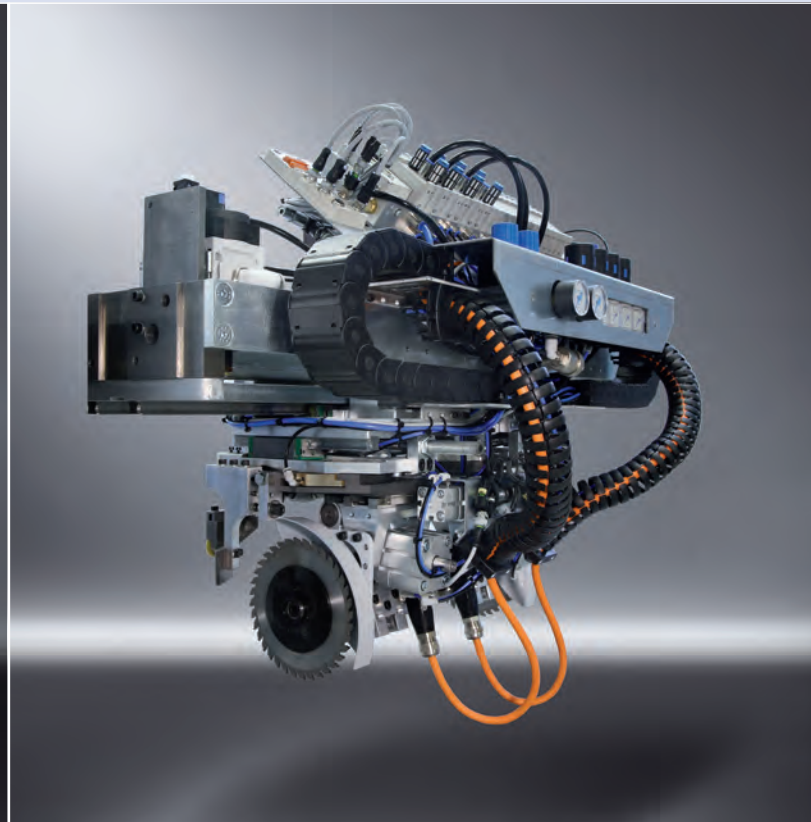
## Snipping unit HL81

For a clean snipping cut of overhanging edges on leading and trailing workpiece edges using the drawing cut technique.



## Snipping unit PK25

For snipping the edge overhang at the leading and trailing workpiece edge with stationary snipping stop to protect sensitive workpieces from damage.



### Automation as standard

Programmable chamfer/straight snipping motor adjustment for fast changeover between straight snipping and snipping with chamfer.



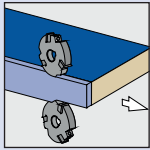
### Automation to suit every need

For fast changeover between flush snipping (e.g. of solid strips or inlay shelves) and snipping with overhang (e.g. for finish trimming with profile trimming unit).



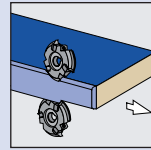
# Flush trimming units

The task of HOMAG trimming units is to transform the workpiece edges to create the required finish shape. Even the basic units provide practically-oriented solutions for the most important trimming requirements.



## Rough trimming unit

For rough trimming the upper and lower edge overhang.



## Trimming unit

For trimming chamfers or radii.



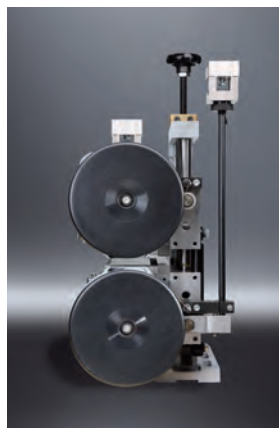
### Automation to suit every need

- Automatic changeover from flush trimming to trimming with overhanging edge

Solid strips

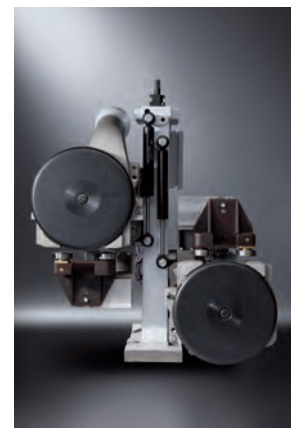


PVC



### Automation to suit every need with multi-trimming unit MF21

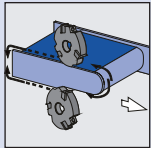
- Automatic changeover between different profiles, e.g. chamfer 20°, R2 and R3





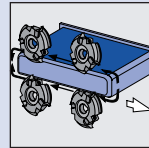
# Profile trimming – for rounded corners

For corner rounding and for trimming the upper and lower overhanging edges, you can choose between the two and the four-motor profile trimming unit. The trimming units are fitted with I-tools and ensure a high standard of processing quality and a long tool life in conjunction with the HSK interface.



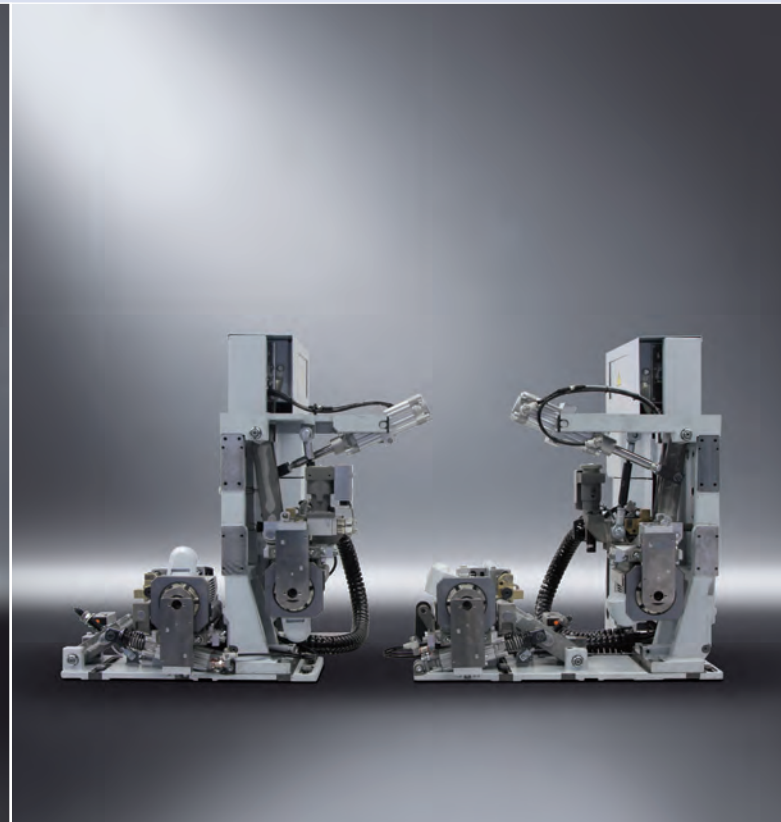
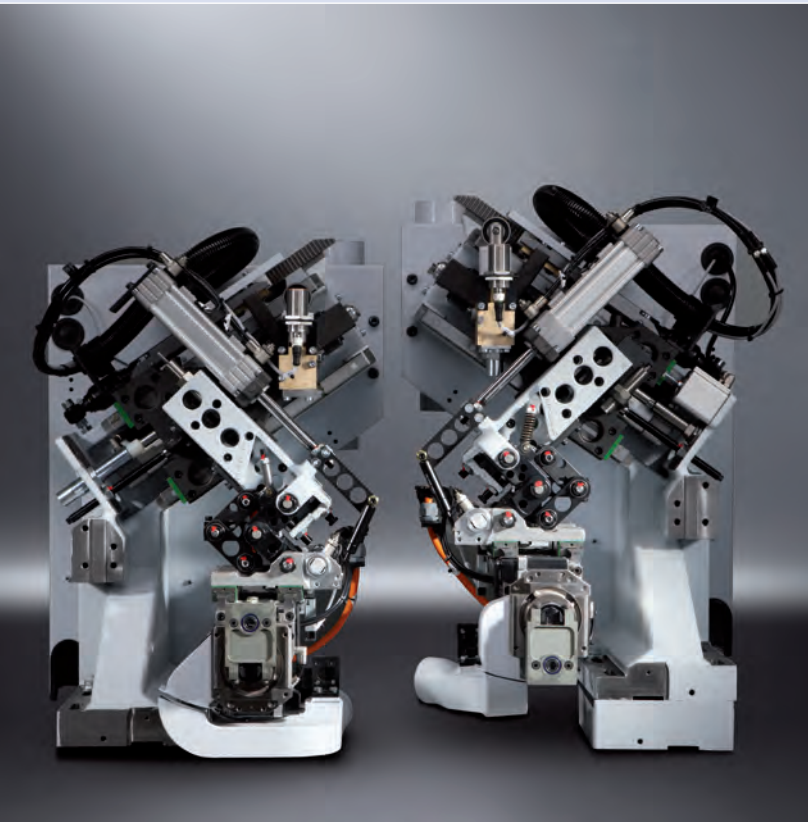
## Profile trimming unit FK11

For processing overhanging edges and trimming around the leading and trailing edge.



## Profile trimming unit FF32

For rounding top and bottom edges on the leading and trailing workpiece edges.



### Automation to suit every need

- Stepless chamfer/radius adjustment for rapid changes between processing operations, e.g. from 0.4 mm to 2 mm edge

### Automation to suit every need

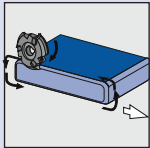
- Chamfer/radius adjustment for rapid changes between processing operations, e.g. from 0.4 mm to 2 mm edge
- flexTrim – 2-profile technology for a fast automatic profile change



# Servo profile trimming – making you even more mobile

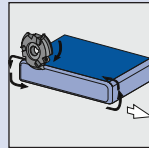
Expecting demand for higher performance, greater contour variety and even higher quality?

Then we recommend our servo profile trimming units **FK30** *profiTrim* and **FK31** *powerTrim*. As the drive uses modern linear motors, the movement sequence is controlled by the program when trimming around the edge band at the narrow surface of your workpieces.



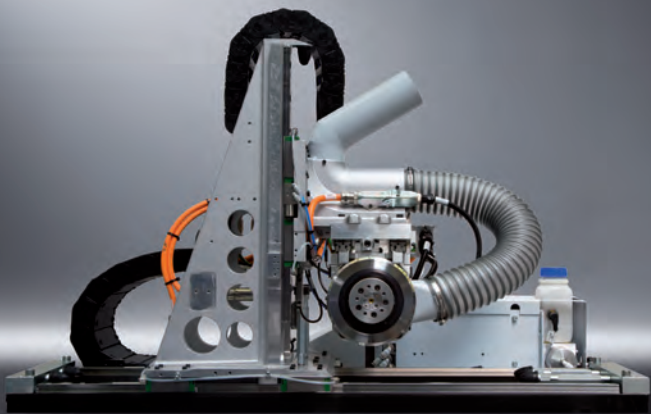
**Profile trimming unit  
FK30** *profiTrim*

For trimming around the leading and trailing edge.



**Profile trimming unit  
FK31** *powerTrim*

For trimming around the leading and trailing edge.  
With servo motor-driven tracing axis for sensitive surfaces or softforming profiles.



## Automation to suit every need

- Adjustment to **two** different radii
- Automatic adjustment of the tracing roller diameter



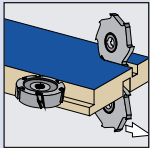
## Automation to suit every need

- Adjustment to **three** different radii and chamfer
- Automatic adjustment of the tracing roller diameter
- Automatically adapted tracing force
- Automatically adapted speed



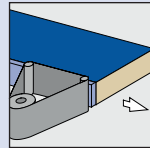
# Grooving and sanding in a single pass

The KAL 370 profiLine offers the ideal units for efficient production of your workpieces in a single pass without additional process stages. A grooving unit, belt sanding unit and chamfer/radius sanding unit are available to choose from for your own individual configuration.



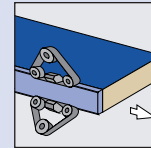
## Grooving unit SF21

For grooving, rebate trimming and profiling.



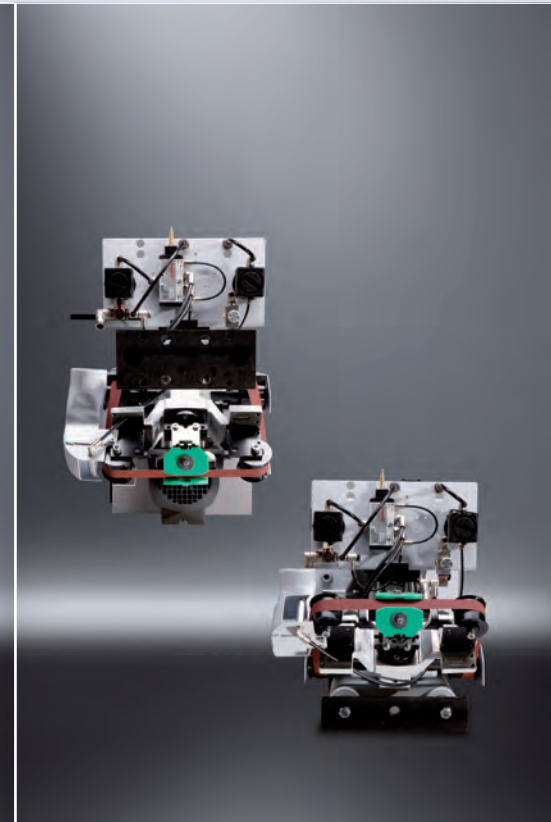
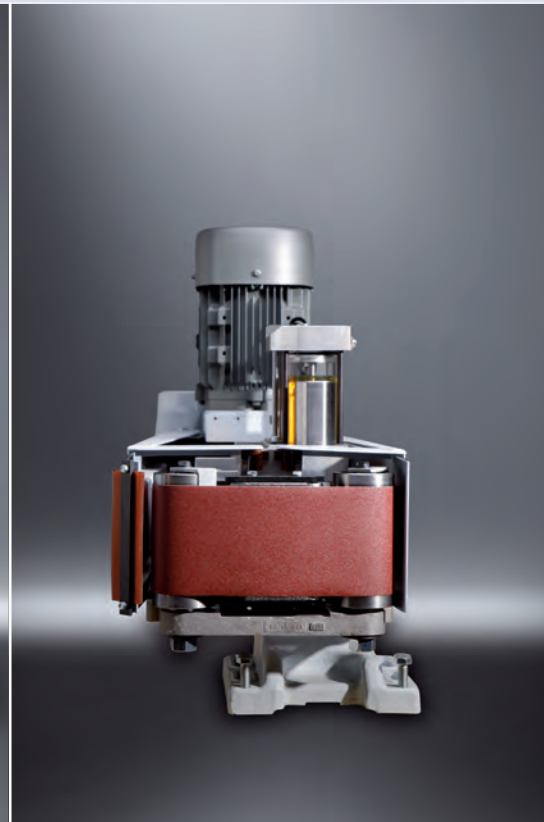
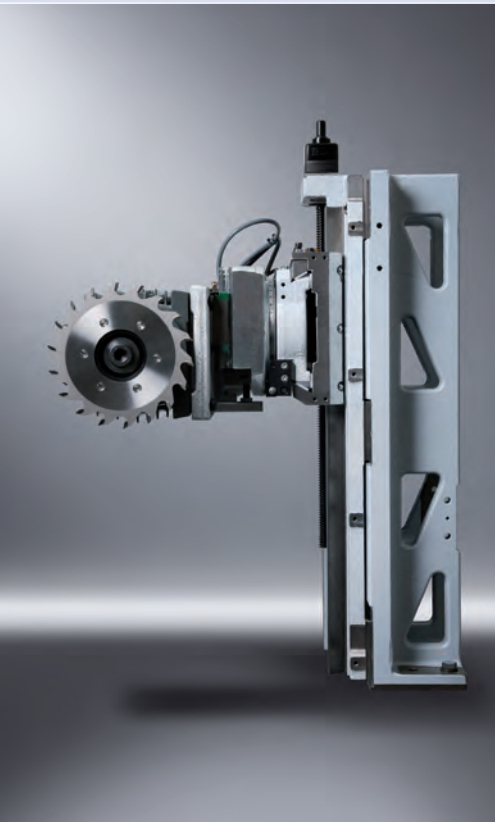
## Belt sanding unit KS10

For sanding straight veneered and solid edges including oscillation as a standard feature.



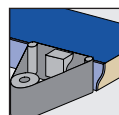
## Chamfer/radius sanding unit PS41/PS42

For sanding chamfers and radii at the top and bottom of veneered and solid edges.



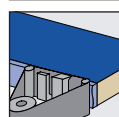
### Automation to suit every need

- Travel out of the work area
- Stepless adjustment to different edge thicknesses



## PS10

For profile sanding.

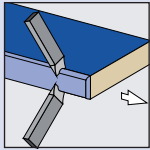


## PS20

For profile sanding using dual pad technology with two separately adjustable sanding pads.

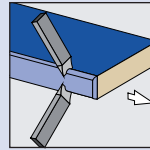
# Perfect profile finish

HOMAG profile scraper blades stand for a flawless appearance at the profile and for premium profile quality. Choose between profile scraper blades PN10 and PN20 for smoothing trimmed profiles at the glued edge band.



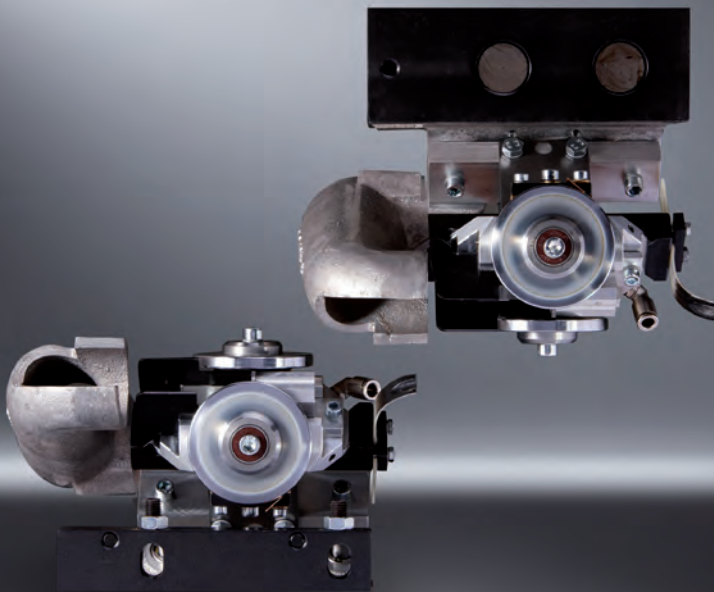
**Profile scraper unit PN10**

For smoothing trimmed edges to achieve an optimum appearance.



**Profile scraper unit PN20**

For smoothing trimmed edges to achieve an optimum appearance – with the utmost flexibility.



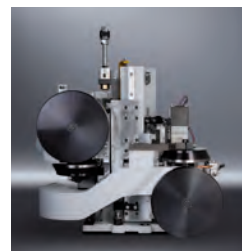
## Automation to suit every need

Travel out of the work area.



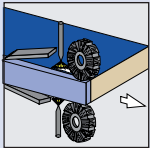
## Automation to suit every need with multi-scraper unit MN21

- Changeover between different profiles, e.g. chamfer 20°, R2 and R3



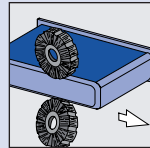
# All's well that ends with a great finish

HOMAG supplies finishing units capable of producing ready-to-assemble panels for premium quality aspirations. The edges are cleaned and automatically finish processed.



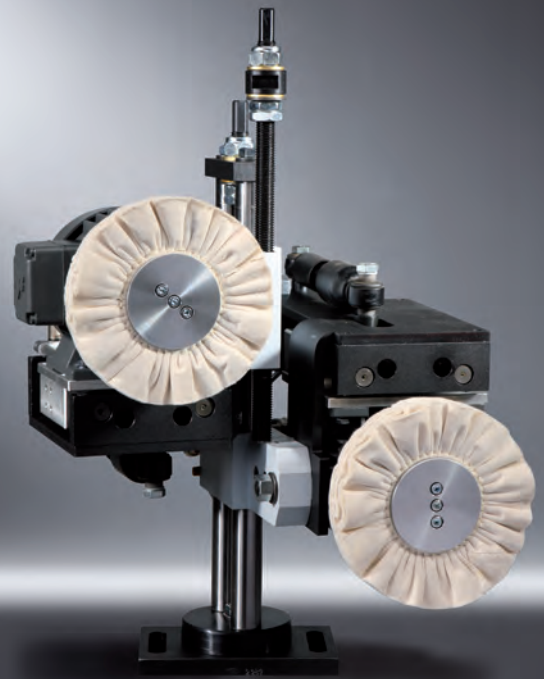
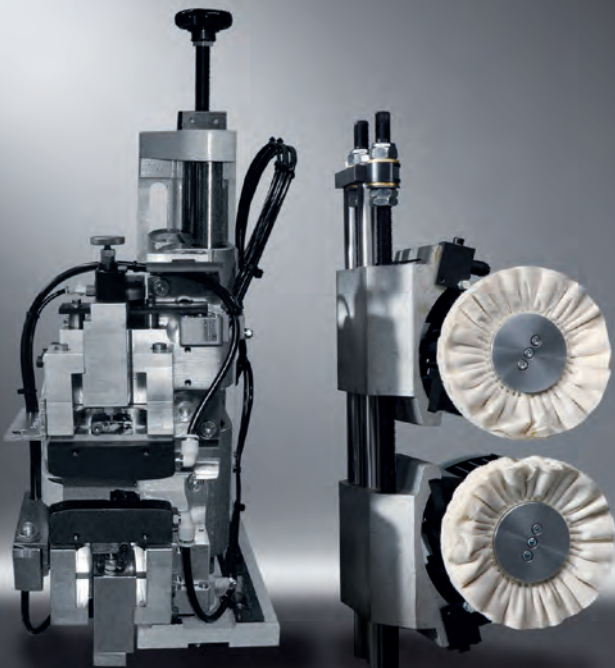
## Finish processing FA21

Comprising a glue joint scraper unit for disposal of glue residues at the top and bottom of plastic edges and a buffing unit.



## Buffing unit top and bottom

With oscillating function for smoothing off edges using the entire disc width.



## Optimum surface quality

through precision adjustment of the glue joint scraper blade to  $\pm 0.01$  mm

- manually (as standard)
- automatically (optional)



# Additional equipment

For the KAL 370 profiLine, we offer ideal supplementary equipment options to upgrade the existing equipment outfit for your specific needs. For instance simplify handling using a sliding carriage or the scissor-design workpiece support. With a wide edging variety, the machine can be upgraded with a larger edging magazine, PU pre-melt unit or pre-melt unit for two colors.

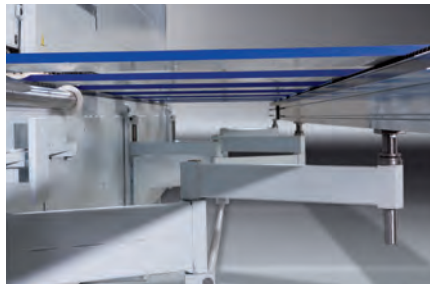
## Sliding carriage

Precise, convenient infeed of narrow workpieces.



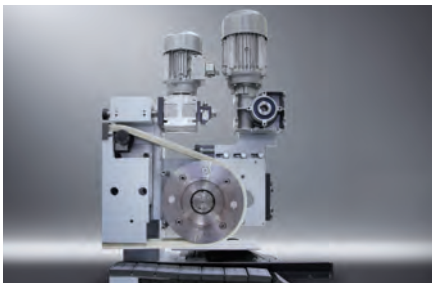
## Scissor-design workpiece support

Easily extendable to 1 000 mm.



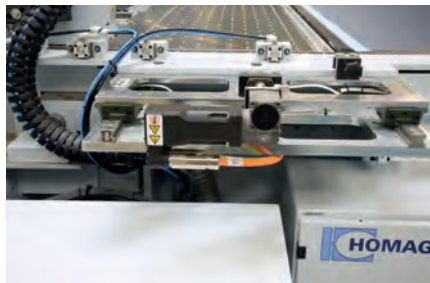
## Tight roller distance

Optimal workpiece guidance in the area of the profile trimming unit for workpiece length < 240 mm.



## Top pressure driven by motor

For clamping and gentle-action transport of workpieces with sensitive surfaces.



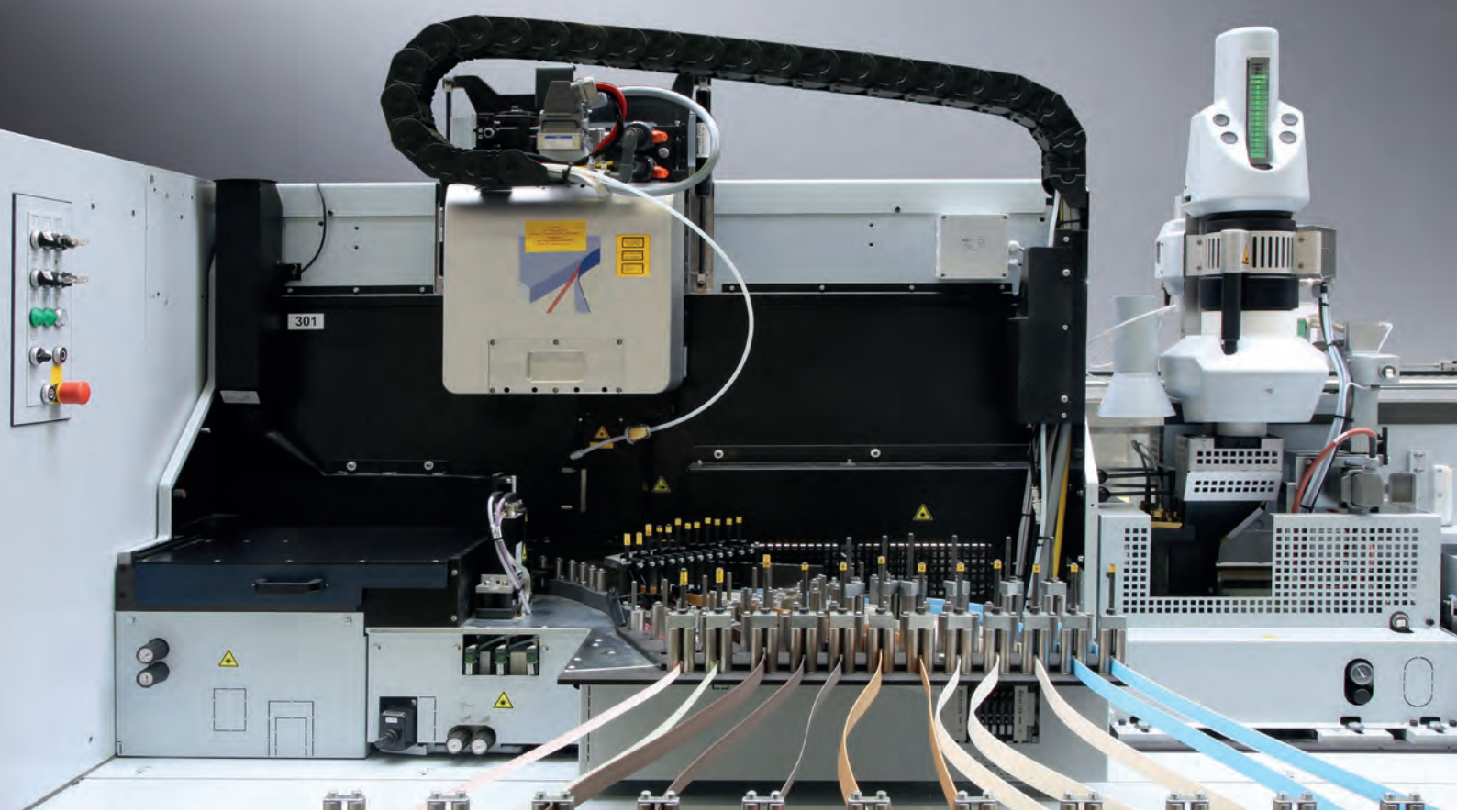
## Automatic adjustment of the infeed fence

Easy program-controlled fence adjustment.



## Increased cooling output > 40° C

To protect the electronic system at ambient temperatures of over 40° C. Ensures reliable, trouble-free production even in extreme climate conditions.



**Suction cup for strip separation**

Separation of strips from a package.



**2-slot magazine**

Automatic infeed of two different edges.



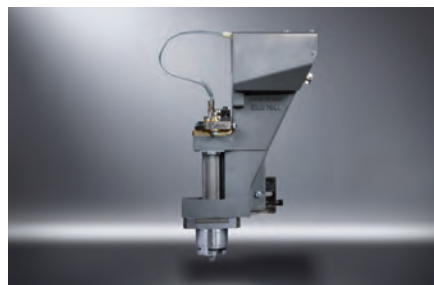
**6-slot magazine**

Automatic infeed of six different edges.



**PU pre-melting unit**

For pre-melting PU blocks in the machine.



**QA glue tank front section for exchanging**

For fast exchange between different types of hot melt glue.

**Glue tank front section to be exchanged for PU application**

Teflon coated.



**Pre-melting unit for two colors**

Two alternating glue colors can be melted on conveniently without the need to empty the storage tank.

# Additional equipment

If you produce a wide variety of furniture, reduced set-up times can make all the difference to you. Our supplementary options for automating profile changes or for automatic adjustment help you to achieve a streamlined, flexible production process.

## I-DIA jointing trimming unit WD63

For workpiece thicknesses of 60 mm with tool diameter 125 mm.



## I-system DIA-radius/chamfer trimming unit

R = 1.5–3 mm, chamfer 15°.  
Tool for optimized chip removal.

## Set of change heads for FK11

Fast, precise changeover of the exchange head for FK11. Different lateral tracing configurations: Non-adjustable, manually and automatically adjustable.

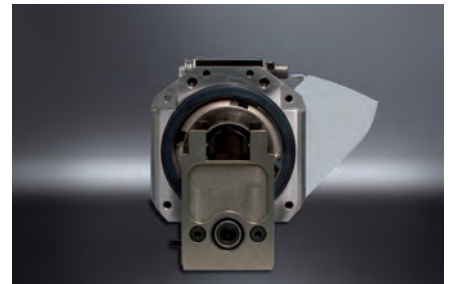


## Exchange device FF30 and FF32

For exchanging the complete change head (tool with motor and motor retainer) instead of the tool. Configurations: Manually and automatically adjustable.

## Rolling side tracing unit for FK11/FF30/FF32

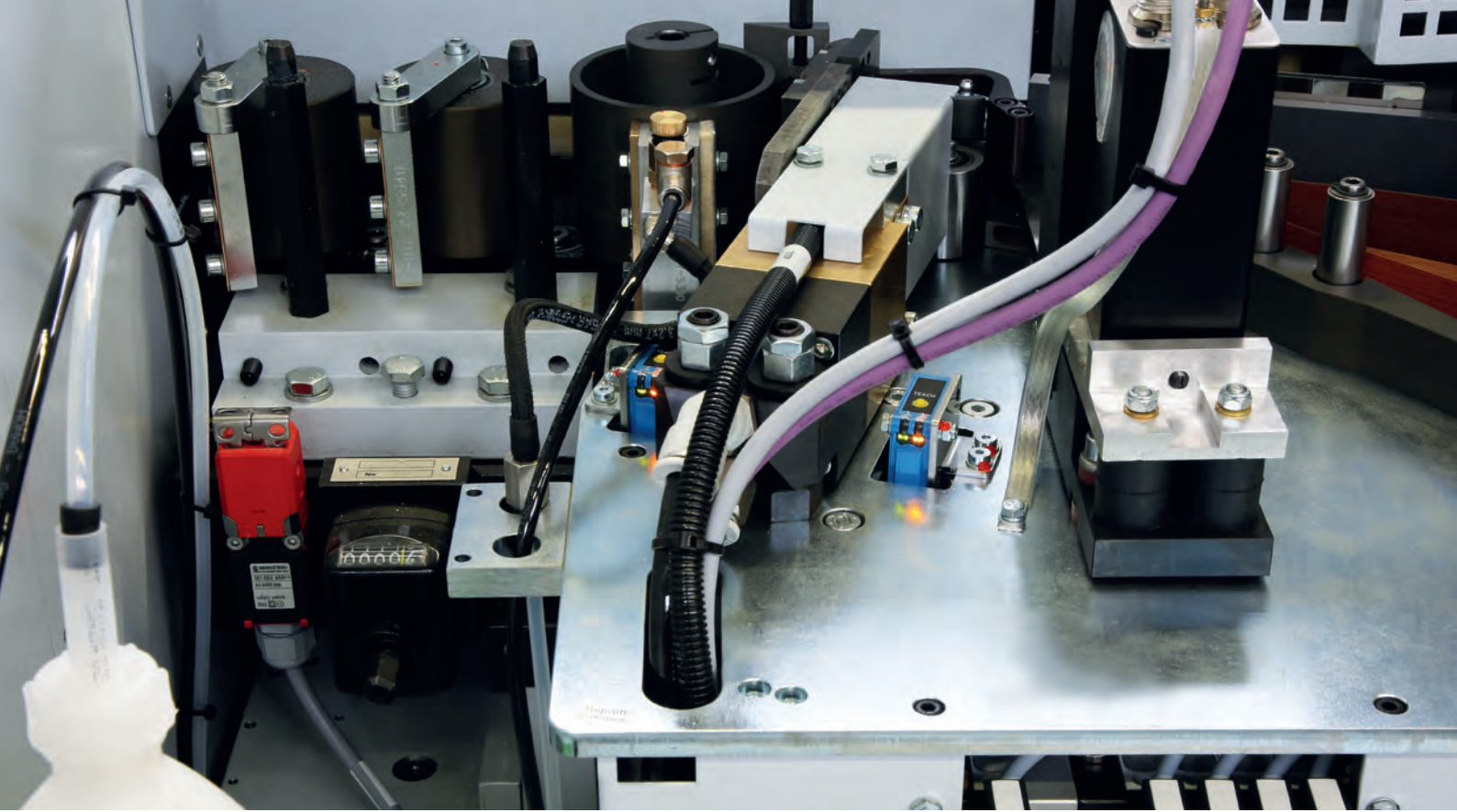
Processing of sensitive workpieces.



## Quick changing device for PN10

Fast profile change without adjustment work.  
Configurations:  
R = 1.5 mm  
R = 2 mm  
R = 2.5 mm  
R = 3 mm





**flexTrim at the fine trimming unit**

The 2-profile technology for the fine trimming unit allows fast automatic profile changeover.

**flexTrim at the profile trimming unit**

The 2-profile technology for the profile trimming unit allows fast automatic profile changeover.

**Remote control**

This allows the feed system to be started while the operator is standing by the unit during setting work.



**Multi scraper unit MN21 automatic**

For smoothing the trimmed edges with automatic exchange between two or more profiles, e.g. R2 and R3.

**Variable tracing roller diameter**

Permits automatic adjustment of the tracing roller diameter to different applications.

**Automatic adjustment of the glue joint scraper blade**

For processing foil coated and foil uncoated workpieces alternately.

# powerTouch – the innovative control system: easy, equal, ergonomic and evolutionary

HOMAG Group machines are designed to make simple operation and reliable control a matter of course. Our innovative touchscreen operating philosophy combines design and function to create a completely new control generation. The full HD multitouch monitor, ergonomic touch operation, simple navigation and the standardized user interface all enhance processing efficiency.

## Easy

- The easy, intuitive operation of powerTouch increases the speed and reliability of inputs
- Modern software modules supply information on the machine status at a glance
- Integrated help and assistance functions result in greater production readiness

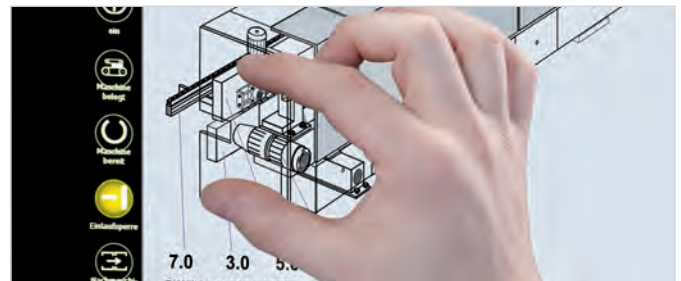


## Ergonomic

- Direct control via the touch-sensitive touchscreen monitor
- New ergonomic design of powerTouch control center
- Intuitive operation through gesture control for functions such as zooming, swiping, scrolling

## Equal

- Standardized operating elements, software modules and standardized design characterize the powerTouch control system for HOMAG Group machines
- This allows different HOMAG Group machines to be controlled in the same way,
- making for simpler, more efficient operation



## Evolutionary

- Design and function united in a totally new control generation
- The futuristic powerTouch machine control system is combined with state-of-the-art operating concepts used in smartphones and tablet PCs





### Control with powerTouch

Using the widescreen format multitouch monitor, you control machine functions by direct touch contact. The ergonomically optimized design and an array of new help and assistant functions substantially simplify operation.

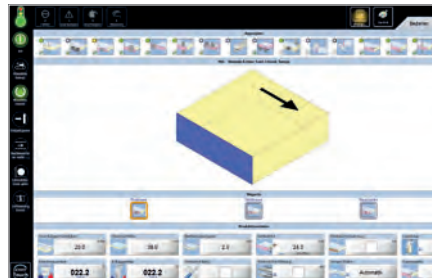


### Support via TeleServiceNet Soft

High-speed service and help provided by targeted troubleshooting and support over the Internet.

### Programming with woodCommander

The programming system for all HOMAG throughfeed machines. Extreme user convenience due to input screens with graphic support – for simple navigation and menu prompting.

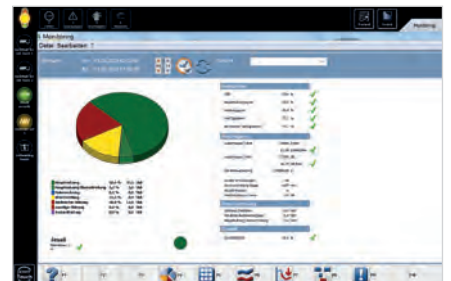


### Option: Diagnostic system woodScout

Alongside error messages in plain text, woodScout also provides a graphic representation of the error location. In addition to the system's expert knowledge database, users can store their own troubleshooting solutions.

### Evaluation with MMR Basic

The MMR – Machine Monitoring and Reporting software evaluates the productivity of your machine. Optimum maintenance processes can also be carried out based on use-dependent maintenance instructions.



### Option: MMR Professional

The MMR Basic upgrade additionally evaluates shifts, analyzes error messages and permits a link to be created to the data evaluation center in the office. You are provided with productivity key indicators, support in problem analysis and an overview of optimization potential.



# Workpiece infeed systems

**HOMAG workpiece infeed systems guide your workpieces automatically and precisely towards the edge processing machine. In this way, you will create the basis for a high standard of processing quality and efficient processing operations. To equip the KAL 370 profiLine you can choose between the workpiece infeed systems WZ10 and EZ14 – depending on whether or not your workpieces are already cut parallel and precisely angled to an unfinished fixed raw dimension.**



## **Workpiece infeed system WZ10**

For workpieces which have already been cut to a high level of angular and parallel accuracy with their unfinished fixed measurement, we recommend using workpiece infeed WZ10. This is configured specifically for transporting pre-sized workpieces for flexible production.



## **Workpiece infeed system EZ14**

A parallel precisely angled cut is not necessary with this workpiece infeed system. The workpieces are fed at a precise angle in the longitudinal and transverse direction.

# BOOMERANG® return feed systems

Workpiece return feed systems of the BOOMERANG® series provide the ideal complement to the machines of the KAL 370 profiLine series. For your individually equipped KAL 370 profiLine, the solution we offer is perfectly coordinated in terms of size, performance and speed – whether batch size 1, just in time or series production. The hardware and software speak the same language.



## BOOMERANG® return feed system TFU 140/25

For wide part diversity – from small and lightweight through to large and heavy workpieces.

- Fast return on investment – payback from just 15 hours of operation a week
- Minimal quality costs – gentle workpiece handling with air-cushion table
- No training required – simply set up, connect and BOOMERANG® is ready to go
- Flexible staffing organization – thanks to economical 1-man operation
- Ergonomic operation – takes heavy physical strain from personnel

## BOOMERANG® gantry return feed system TFU 520

For wide part diversity and production with a high level of automation.

- Minimal quality costs – gentle handling with vacuum traverse
- Flexible staffing organization – thanks to economical 1-man operation
- Ergonomic operation – takes heavy physical strain from personnel
- Smart automation – networked high-performance material flow
- Increased efficiency – defined rotation for process-oriented return transport of workpieces

# You invest, we reduce:

## Lifecycle cost management and ecoPlus

It is not the investment costs which decide the economic success of your production, but the capacity utilization and unit costs. This is why our primary objective is to combine top class production with higher productivity and consequently lower unit costs. With the ecoPlus technology package from the HOMAG Group, you will also be helping to conserve precious energy, time, material and personnel resources.



### Optimum financing

- HOMAG Finance offers optimized financing concepts based on individual business administration requirements
- The outstanding value stability of HOMAG machines offers benefits in terms of leasing and subsequent replacement investment

### Practically oriented training

- Selective and targeted training will help you quickly achieve full productivity
- Your employees will be prepared for safe, efficient HOMAG machine operation

### Reduced unit labor costs

- Fast, simple operating capability of machines
- Simple resetting processes

### Preventive maintenance

- Regular inspections and subsequent maintenance help prevent faults and enhance the service life of the machine.
- Support through the worldwide HOMAG service organization which draws on over 500 technicians

### Machine utilization period

- Continuous expansion of functionality ensures compliance of the machines with the requirements of tomorrow
- The HOMAG conversion department offers solutions to address major conversion requirements, ensuring a high degree of investment security over years

### High degree of machine availability

- Worldwide servicing reduces machine downtime
- TeleService – our “eye” into the machine – prevents 70% of service technician call-outs
- The ServiceBoard mobile application reduces costs through fast assistance in case of faults with live video diagnostics, online service report, online spare part shop **eParts**





#### Minimal energy costs with ecoPlus\*

- Intelligent stand-by operation reduces energy costs during break periods by up to 90 %
- A valve control system switches the extraction on only for units which are actually operational. This reduces extraction costs by up to 20 %
- I-tools reduce the necessary extraction speed per individual I-tool. Current consumption per machine is reduced in this way by around 1 250 kWh. This does not take into account savings due to room air being not extracted (heating / air conditioning)
- The control switch cabinet is cooled using cool plate technology. This passive cooling system requires no energy. No filters require changing and maintenance costs are saved. The system also remains closed. No dust is able to penetrate
- Optional measurement and visualization of current consumption data from compressed air extraction and flow to optimization of overall energy consumption

#### Material savings with ecoPlus

- Servo edge feed systems cut material consumption by reducing the edging used per workpiece

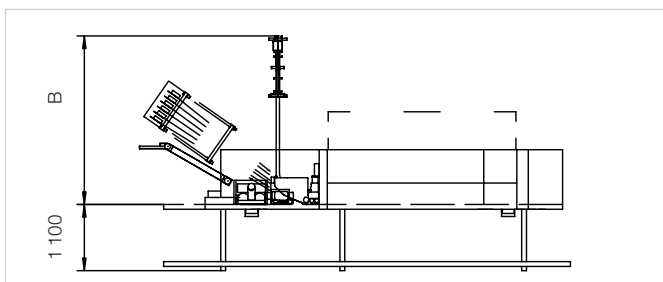
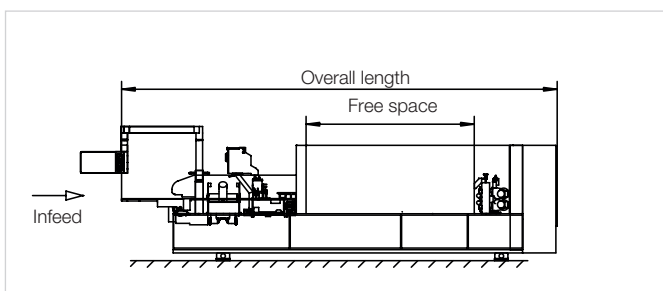
\* Depending on equipment configuration, service period and workpiece spectrum.

# Technical data KAL 370 profiLine

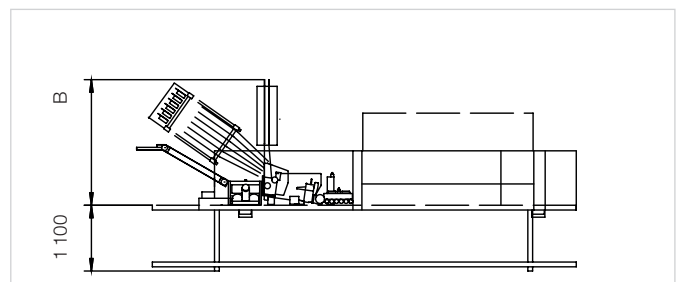
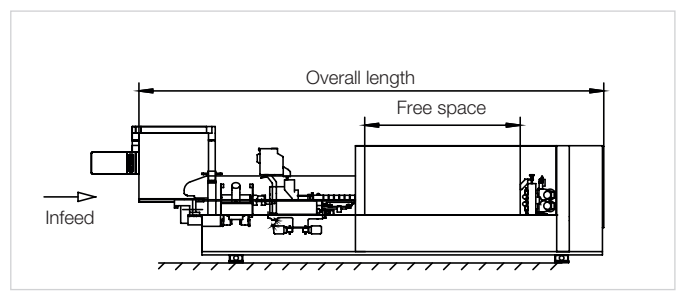
The KAL 370 profiLine series provides a diverse product range for precisely positioned edge banding in optimum HOMAG quality. The KAL 370 profiLine is available in different machine lengths which can be integrated into any machine environment. By equipping the machine individually with a choice of different units, it can be used for wide-ranging different production assignments.

KAL 370 profiLine								
Overall length [mm]	6 365	7 365	8 365	9 365	10 365	11 365	12 365	13 365
Machine type	5	6	7	8	9	10	11	12

KAL 370 profiLine – hot-melt gluing section A3 for coil material



KAL 370 profiLine – hot-melt gluing section A20 with solid wood package



	<b>KAL 370 profiLine</b>
	<b>Machine dimensions</b>
<b>Overall length [mm]</b>	6 365 – 13 365
<b>Overall width closed / open [mm]</b>	910/1 540
<b>Overall height closed / open [mm]</b>	1 740/2 280
<b>Working height [mm]</b>	950
	<b>Working dimensions</b>
<b>Workpiece width [mm] with workpiece thickness 22 mm</b>	min. 55
<b>Workpiece width [mm] with workpiece thickness 60 mm</b>	min. 100
<b>Workpiece thickness [mm]</b>	min. 12 opt. 8 max. 60 opt. 100
<b>Edge thickness strips / coils [mm] A3</b>	min. 0.3 – max. 3.0
<b>Edge thickness strips / coils [mm] A20</b>	min. 0.3 – max. 20.0
<b>Edge length, coils A3/A20 [mm]</b>	min. 150
<b>Edge length, strips A3/A20 [mm]</b>	min. 200
<b>Workpiece overhang fixed [mm]</b>	30
	<b>Connected loads</b>
<b>Operating voltage</b>	400 V
<b>Control voltage</b>	24 V
<b>Frequency</b>	50 Hz
<b>Static converter</b>	built-in
<b>Switch cabinet</b>	externally mounted
<b>Total electrical connected load kW</b>	depending on equipment
<b>Total suction output appr. [m<sup>3</sup>/h]</b>	depending on equipment
<b>Air speed</b>	28 m/s
<b>Compressed air consumption</b>	depending on equipment
<b>Compressed air port</b>	R1/2" female thread supply line R1"
<b>Pressure loss</b>	appr. 200 mm/WG
	<b>Miscellaneous</b>
<b>Feed rate, fixed</b>	18 m/min
<b>Optional: Steplessly adjustable</b>	18–25 m/min (32 m/min)
<b>Machine weight appr. [kg]</b>	depending on machine type





## Choose the Original Choose Success!

For the Success of Original Technology  
A VDMA campaign



Member of the HOMAG Group



**HOMAG Holzbearbeitungssysteme GmbH**

Homagstrasse 3-5

72296 SCHOPFLOCH

GERMANY

Tel. +49 7443 13-0

Fax +49 7443 13-2300

info@homag.de

www.homag.com

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