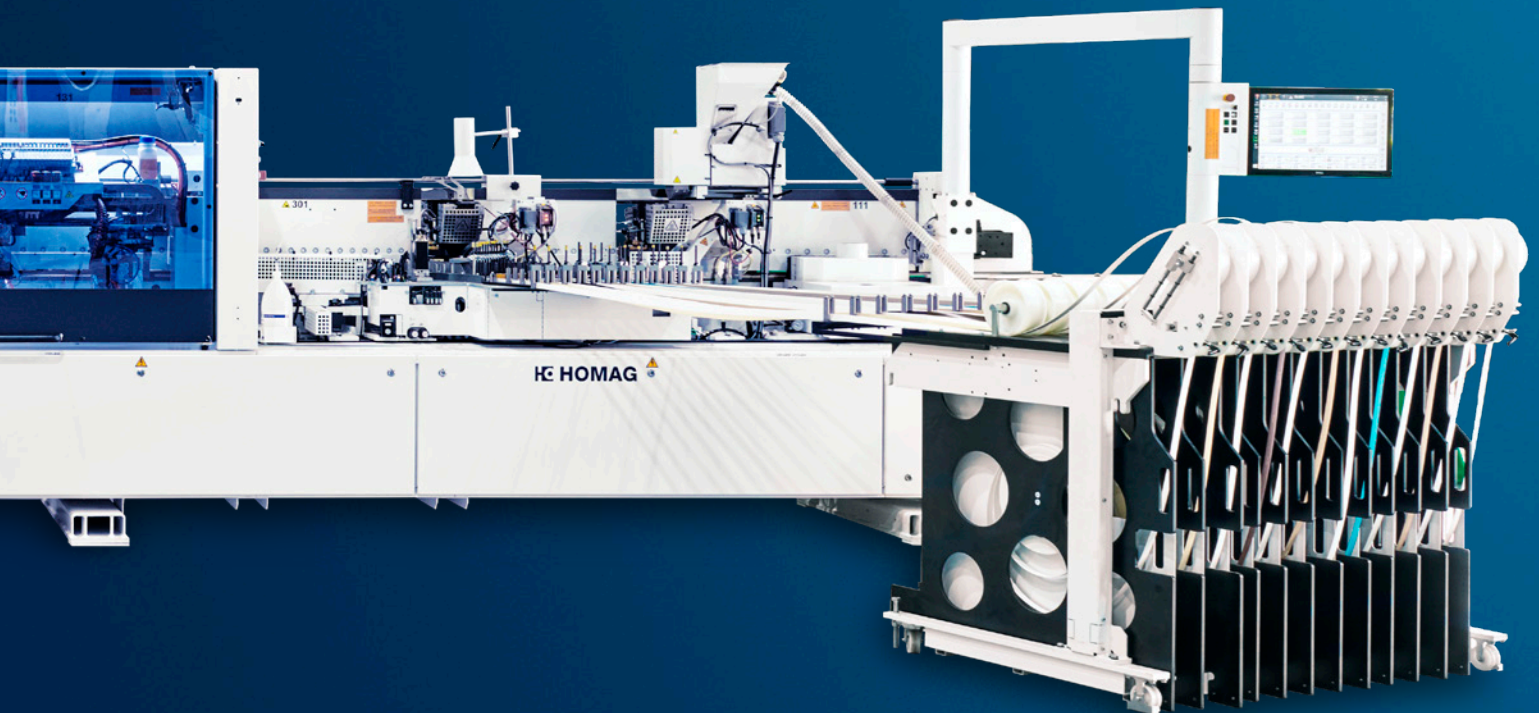


EDGE^{TEQ} S-370

High Quality. Economical Furniture Production.
Perfect for reliable edge gluing.







EDGETEQ S-370.

The next generation of Edge banding machines.

Based on our 20 years production history in Shanghai we are continuously working in serving you with high-end technology solutions. The EDGETEQ S-370 is the result of German Technology and Asian requirements and yet at an affordable investment.

YOUR SOLUTION

MORE: [HOMAG.COM/CN](https://www.homag.com/cn)



EDGETEQ S-370

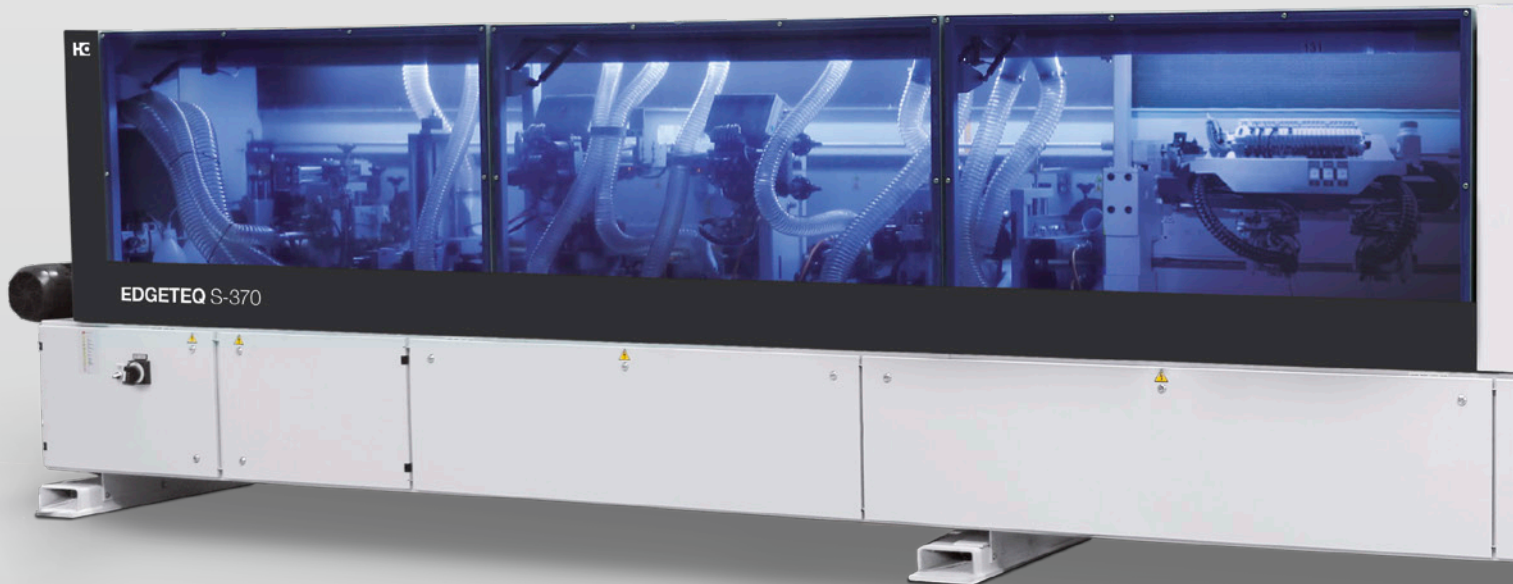
CONTENT

- 04 Presentation EDGETEQ S-370
- 08 Unit modules
- 24 Flexible Dimension Edge Banding Line
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- 30 Life Cycle Services

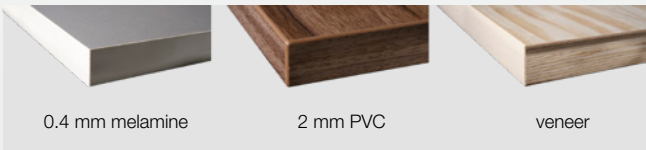
EDGETEQ S-370

the next generation of Edge banding machines

In case of the EDGETEQ S-370 you can select between 3 machine lengths according to your requirements. The EDGETEQ S-370 you can get without profile trimming unit, with profile trimming unit and different options.



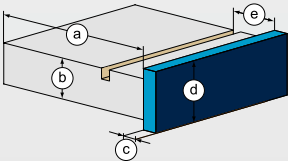
Edge banding machine EDGETEQ S-370



EDGE COILS (MM)



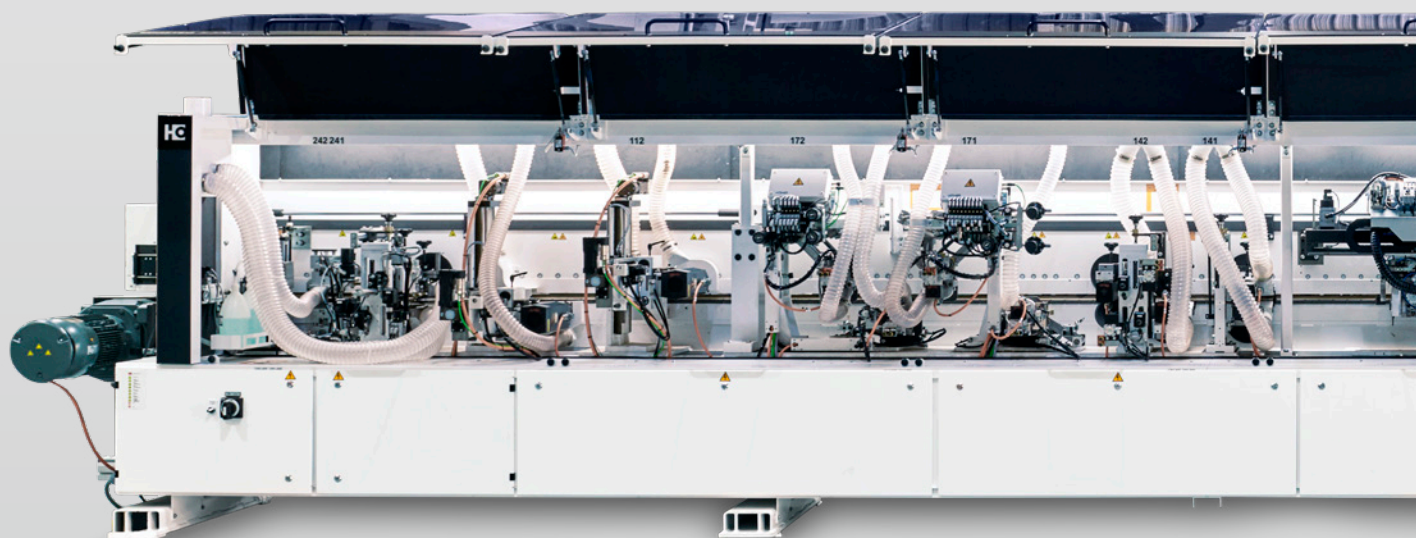
Workpiece width	a	Standard machine >=60
Workpiece thickness	b	12–60
Edge thickness	c	0.3–3.0
Edge width	d	14–65
Groove position	e	max. 25

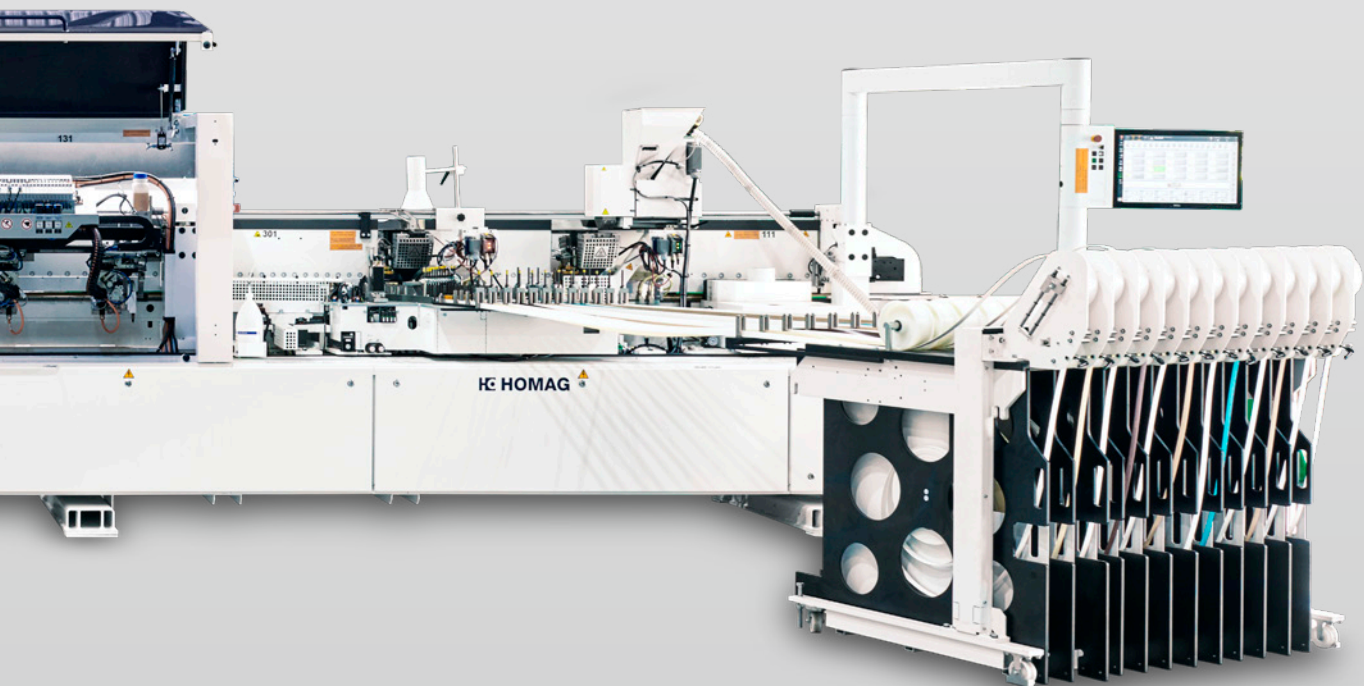
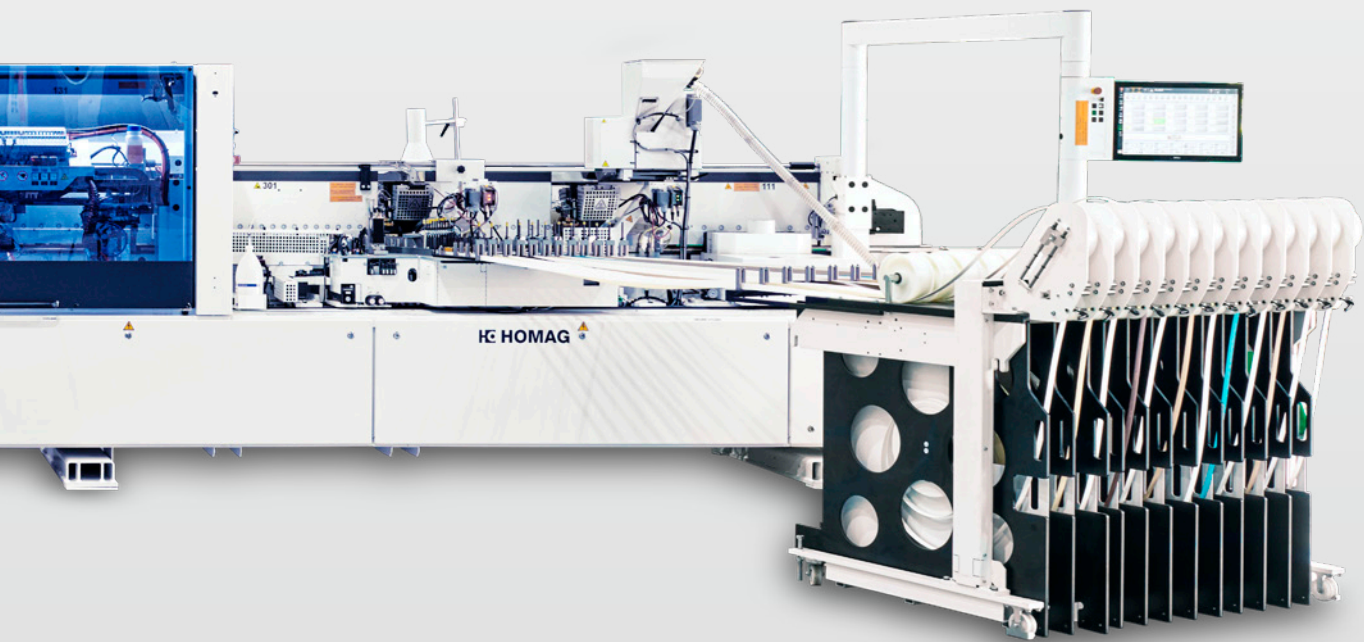


Special dimensions on request



EDGETEQ S-370 with 12-slot magazine





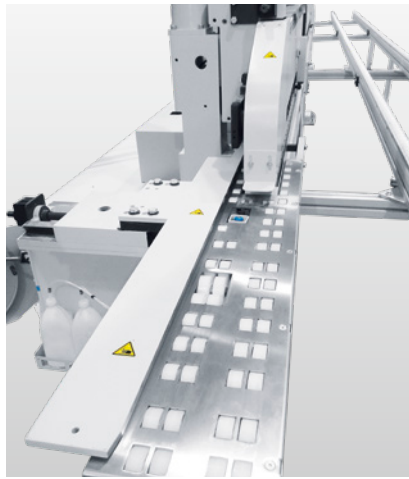
EDGETEQ S-370 series – the most important features of the models

The EDGETEQ S-370 series is characterized by its comprehensive equipment standard: Stable basic machine with sliding chain for high processing quality, top pressure in steel for precision workpiece guidance, all trimming tools complete with I-system for optimum chip disposal and processing quality. Variable feed rates in two performance categories for high productivity.



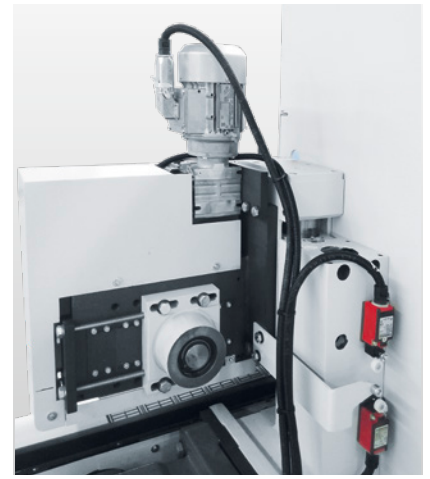
Top pressure in steel and driven compound V-belt

- Basis for outstanding quality, as it ensures that workpieces are ideally clamped for processing



Infeed fence adjustable

- Strong and wide with support rollers
- Easy workpiece placement and alignment even with very large and heavy workpieces

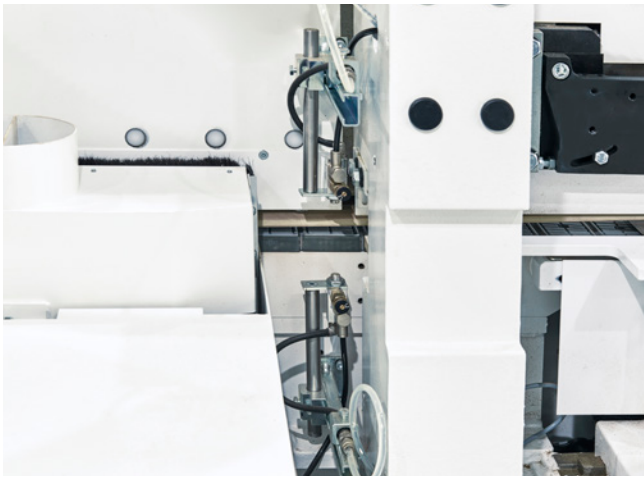


Automatic height adjustment

- Precise & quick workpiece thickness adjustment

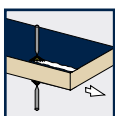
Pre-gluing processing

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.



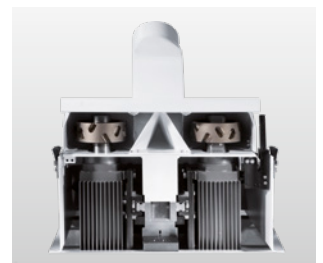
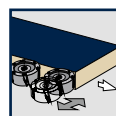
Separating agent spraying unit

- 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 is 125 mm.



Best result with HOMAG gluing unit

HOMAG gluing units are ideal for a fast, positive-locking glue bond. An EVA pre-melting unit comes as standard. The heated glue roller ensures an optimum gluing temperature. The magazine height adjustment permits different edge heights to be processed with a consistent workpiece thickness. On request, the gluing unit can also be individually equipped with a PUR pre-melting unit – allowing rapid changeover between two different colors or PUR.



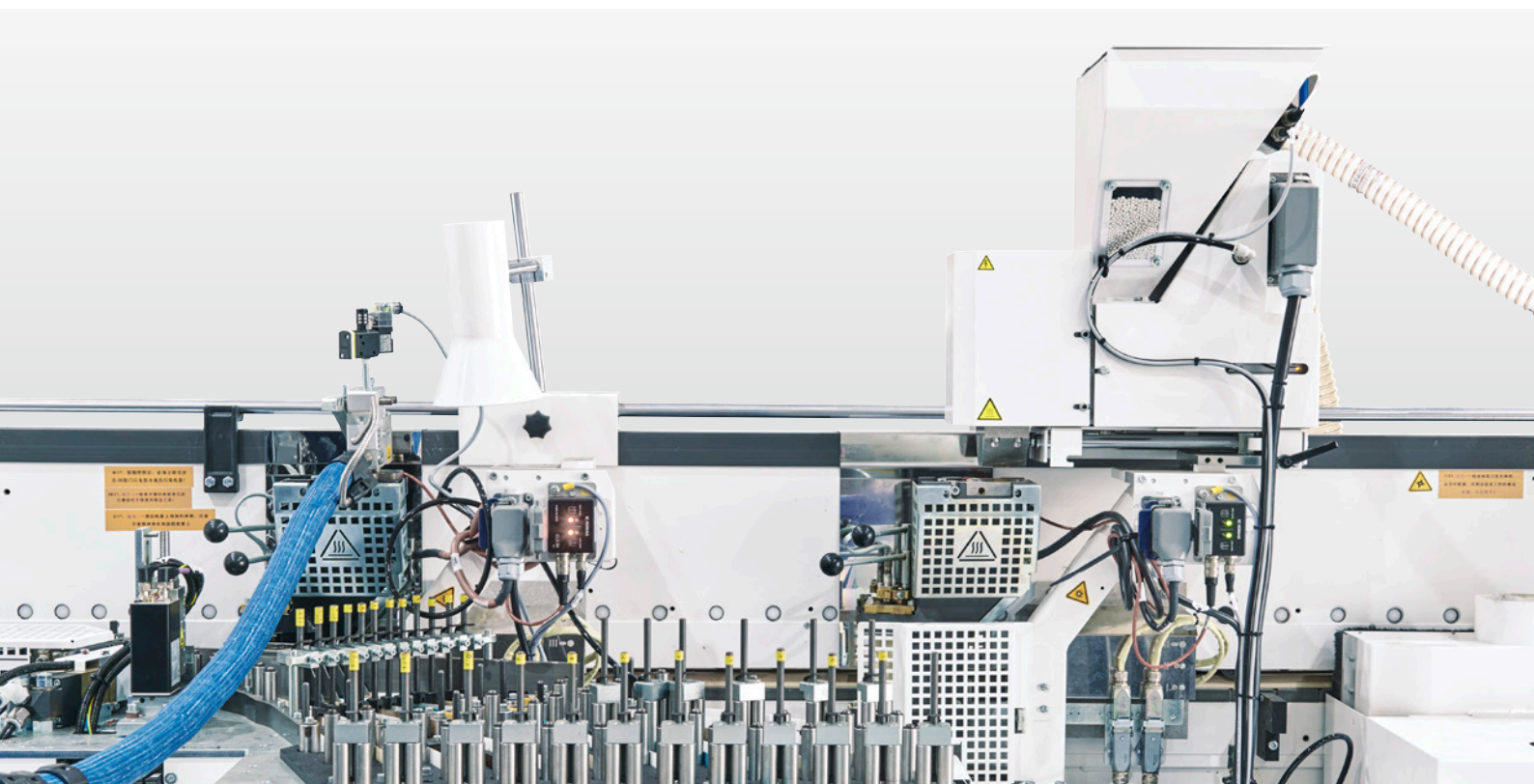
Pre-melting system – melting unit and glue pot

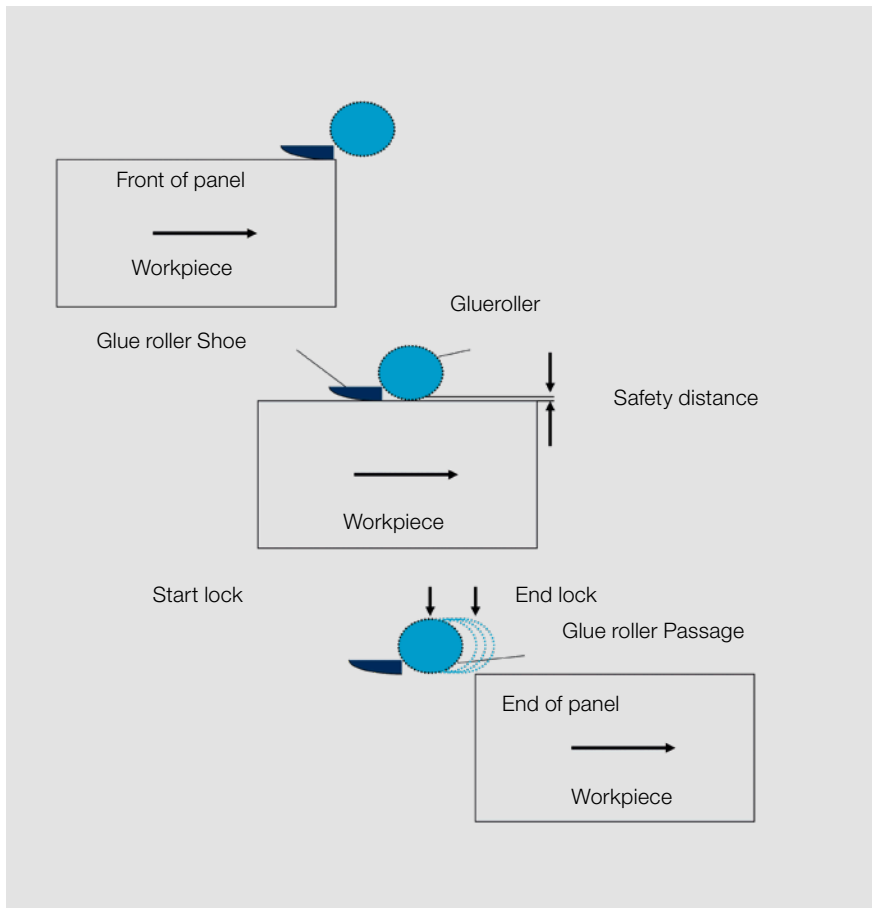
- Always guarantee fresh glue
- Correct gradual increasing of temperature
- Glue will not flow back into glue pot
- No blackening of glue
- Minimum glue line

Second / preceding hot melt gluing unit (option)

A second gluing unit can be installed for

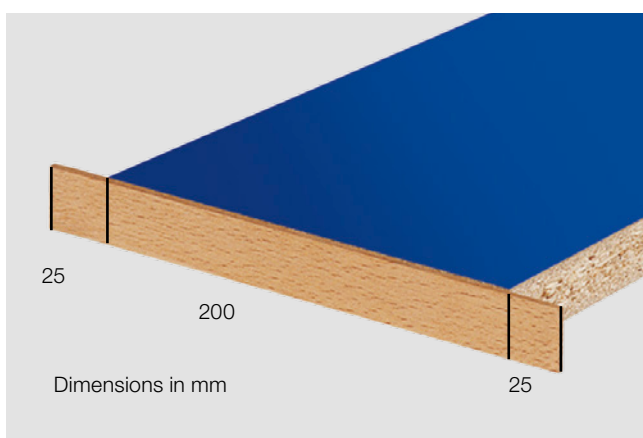
- automatic glue color changeover
- for change between EVA and PUR
- without any manual intervention.



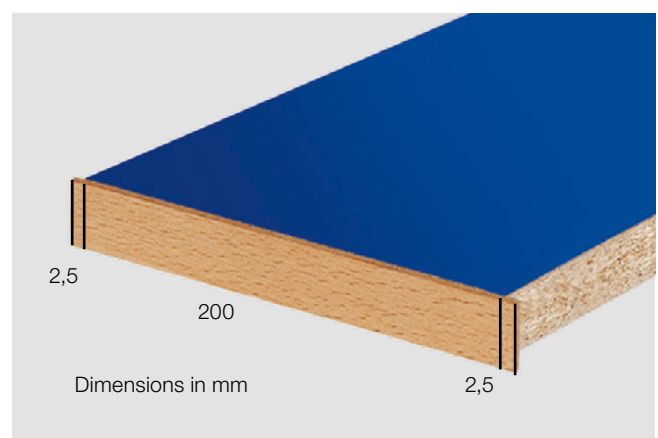


Glue roller shoe

- No contact of glue roller with workpiece
- Long life of glue roller
- Easy to adjust glue spread
- Better gluing quality
- No glue spilling over at front edge corner

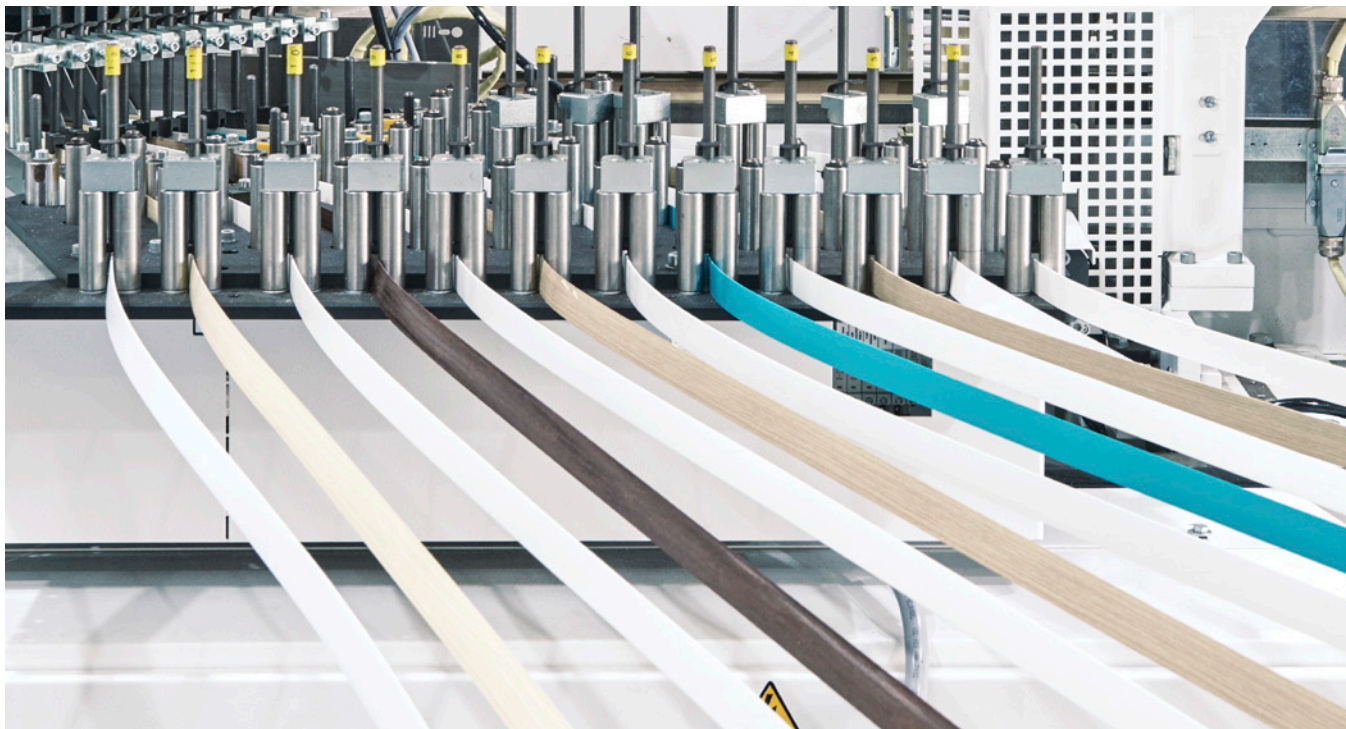


Previous gluing technique



Optimized gluing technique with servo edge feed

Edge feed with a precision of $\pm 2-3$ mm at the leading and trailing edge to reduce edging material waste.



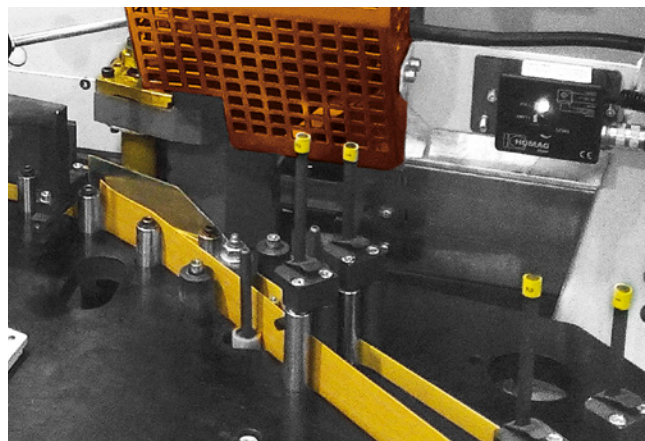
12-slot magazine (option)

Automatic infeed of twelve different edges.



6-slot magazine (option)

Automatic infeed of six different edges.

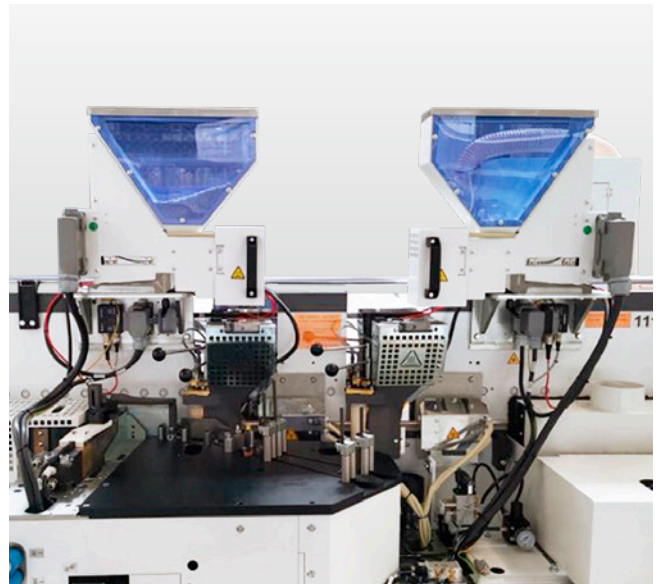


Double roll magazine & auto-changeover if identical edges

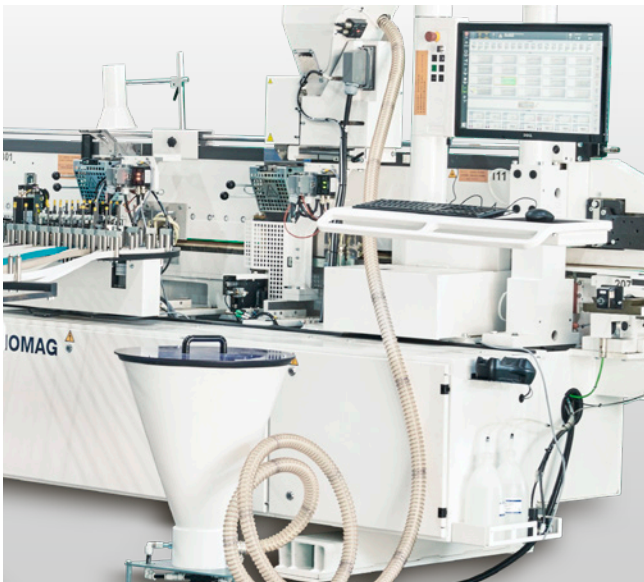


PUR package + combined with EVA (option)

For the optional processing with either hot melt glue or PUR glue.



EVA two color solution (option)



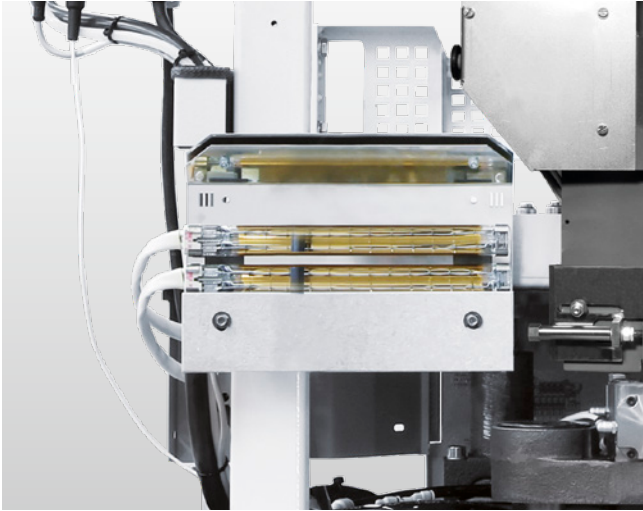
EVA granulate refill system (option)

Transport glue from granulate refill system to pre-melting unit.



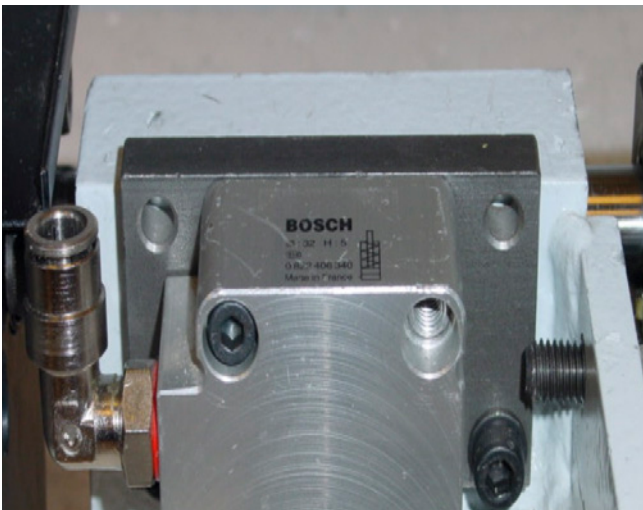
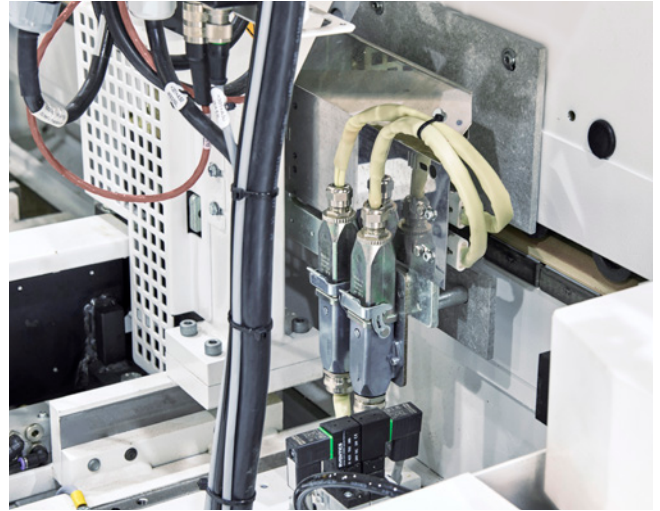
Vacuum tank (option)

- Vacuum tank for storing of PUR application unit
- Due to storage in a vacuum, nitrogen is not necessary



Infra-red panel pre-heating

- For extra cold weather
- For extra high humidity panel drying



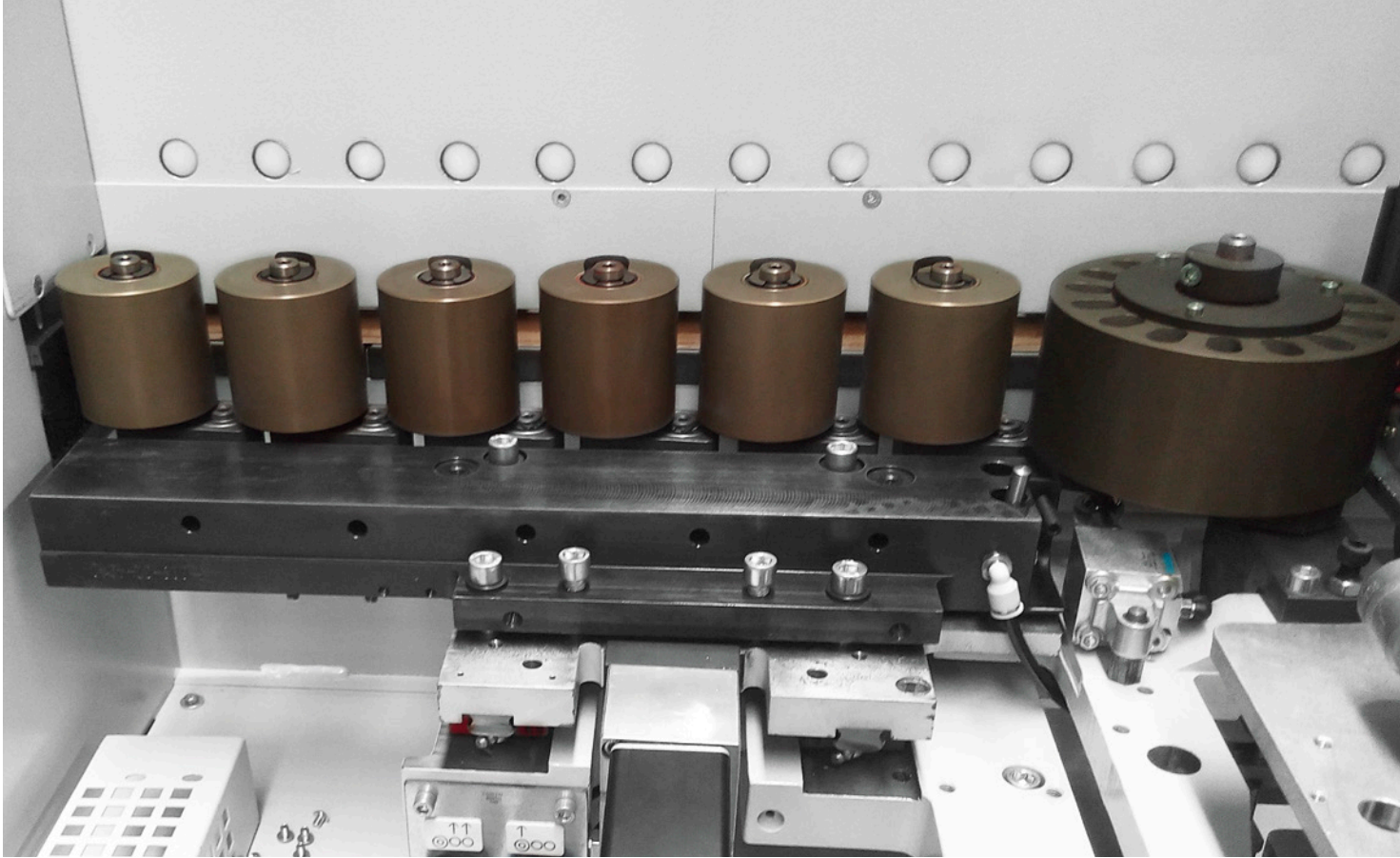
Pneumatic glue roller clamping at workpiece end

- No sticking or damage of workpiece rear & front edge
- Glue roller pulls back immediately



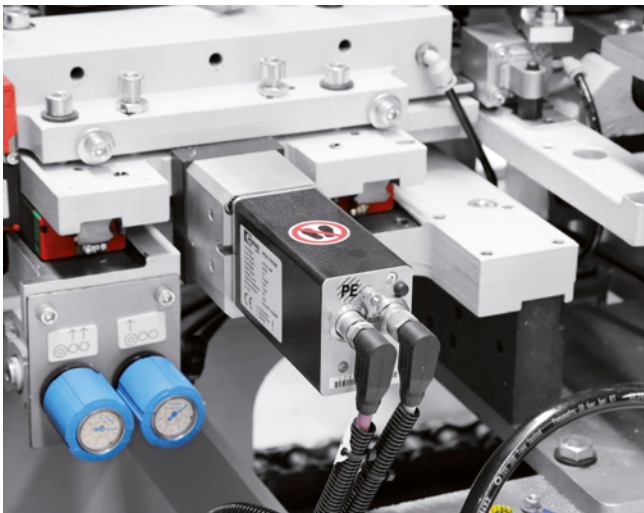
Internal glue roller heating

- Constant glue application temperature



Pressure Zone C

- One driven pre-pressure roller, 150 mm diameter
- 6 post-pressure rollers, 70 mm diameter, 2 of them are conic
- pneumatic pressure adjustment
- automatic, stepless adjustment to 2 different edge thicknesses

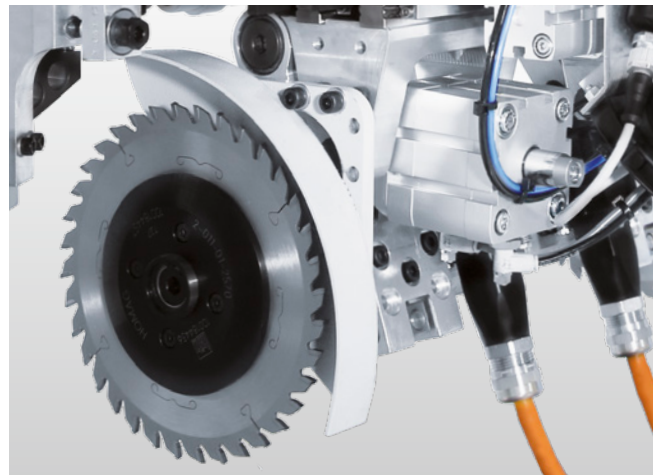
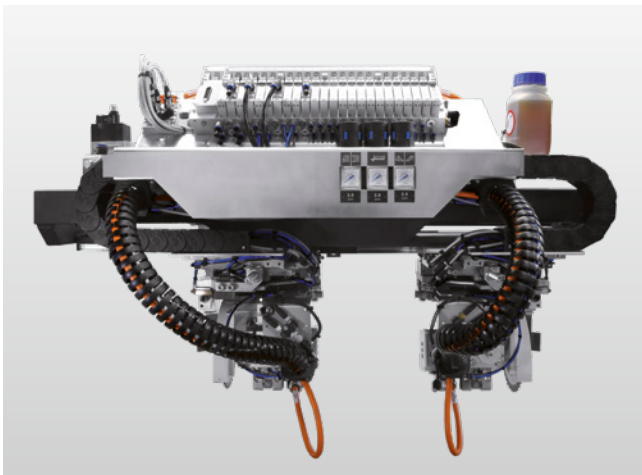


Pressure zone on axis

- Adjusts automatic according to 2 different edge thicknesses

High speed servo end cutting – 35 m/min –high speed profit

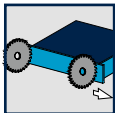
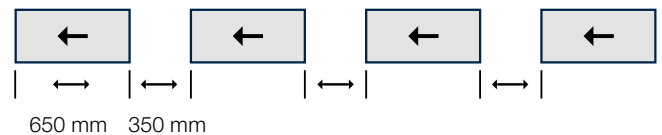
The servo end cutting unit prepares the workpieces perfectly for subsequent trimming operation. The face side can be snipped either straight or with chamfer. The servo-controlled front and rear cutting device is extremely stable, free from compressed air and other external factors. The unit is convenient for sensitive materials, too. So a high standard of processing quality is ensured.



Servo end cutting

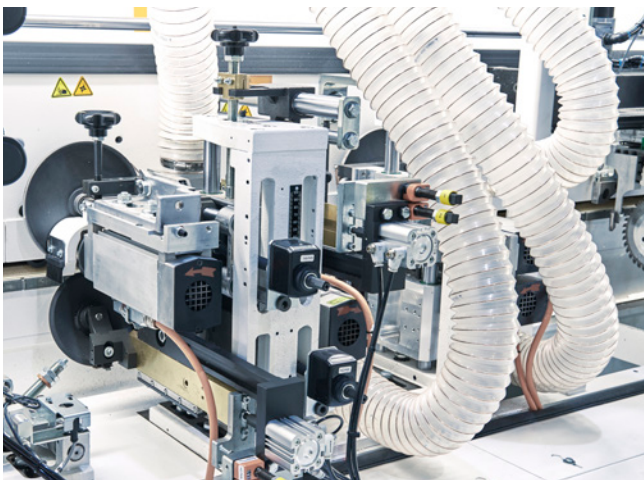
- Speed max. 35m/min.
- Quality and stability even at high speed
- Power saving
- Not dependent on air supply

Workpiece gap



Program reset thin / thick edges

With the rough trimming unit and the 2-point adjustment trimming unit – chamfer/radius trimming unit – HOMAG offers the right solution for the processing of projecting edges. The 2-point adjustment Trimming unit is ideal for rapid changes between thin and thick edges because of its electro pneumatic 2-point adjustment. The rough trimming unit is suitable for rough trimming the upper and lower edge overhang.



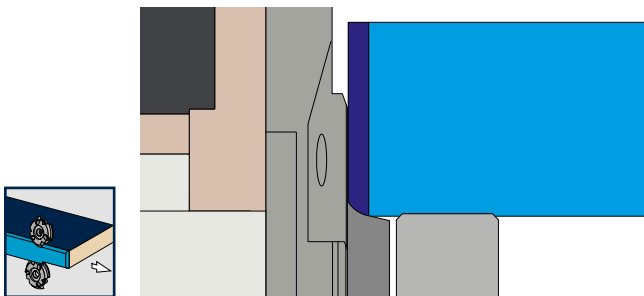
2-point adjustment trimming unit

- 2 x 1 kW motors
- Program thin/thick changeover
- Swivelling
- Vertical and lateral traced



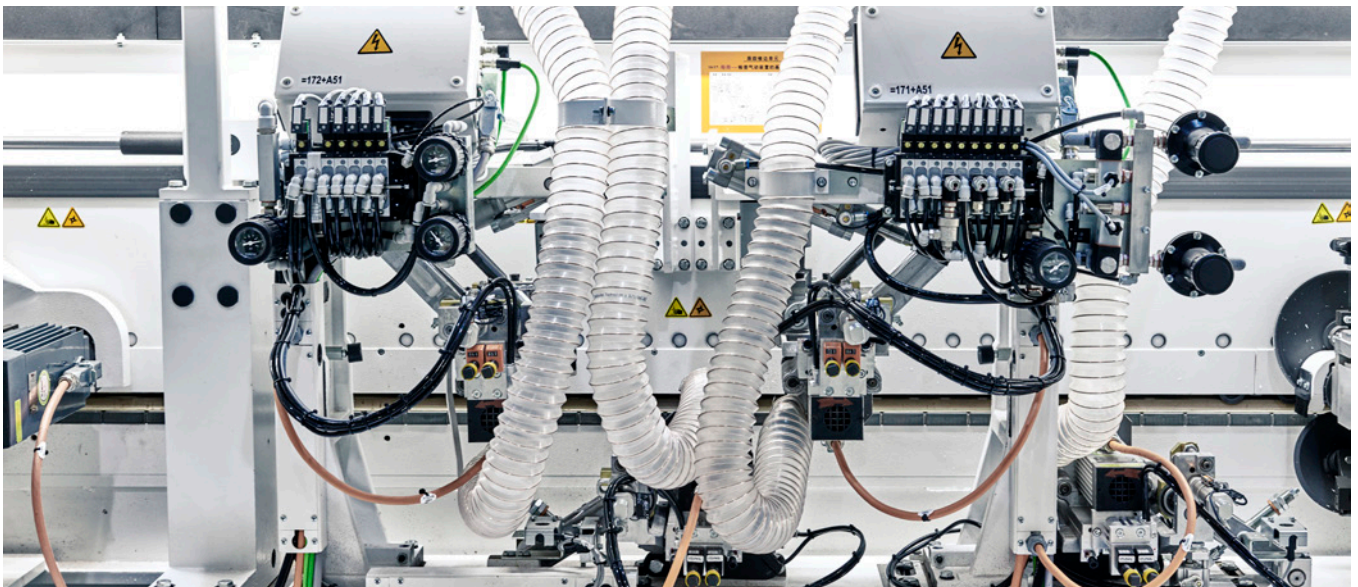
I-system – controlled chip capture

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.

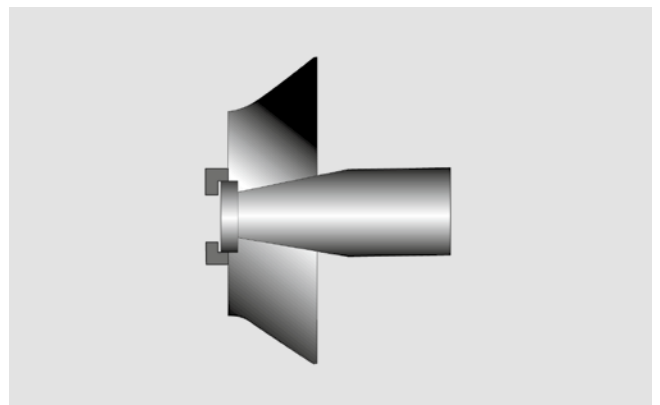


High speed corner rounding – 25 m/min – high speed profit

The profile trimming unit FF32 is a proven technology for chamfering and rounding-off edges on workpiece front and rear edge with combined tool. By dividing the cut over four motors, each corner can be processed in synchronous rotation. This lends corners a perfect trimmed finish.



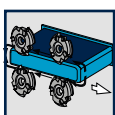
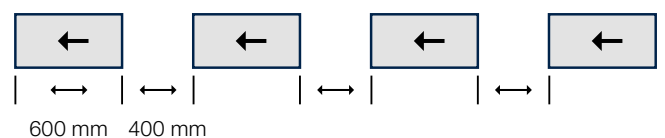
I-system – controlled chip capture



HSK interface

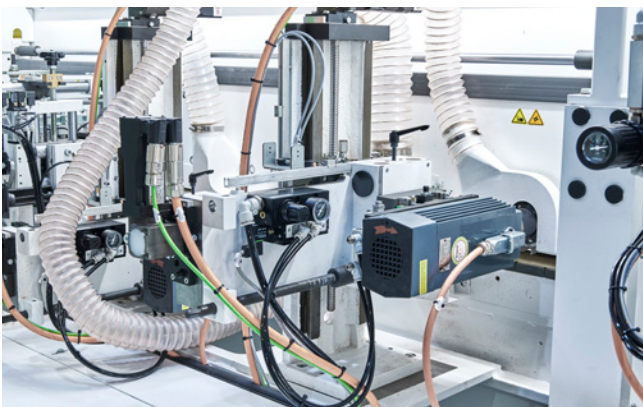
The hollow shaft taper (HSK) tool interface ensures a positive locking connection between the tool and motor shaft. This generates optimum trimming quality due to vibration-free tool concentricity.

Workpiece gap



Flexible grooving solutions

The grooving unit – for grooving, rebate trimming and profiling – can operate from two directions: vertical from bottom and horizontal into the workpiece edge.

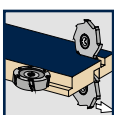


Grooving unit 4 kW (option), 6.6 kW (option)

- For continuous grooving
- Swivelling 0–90°

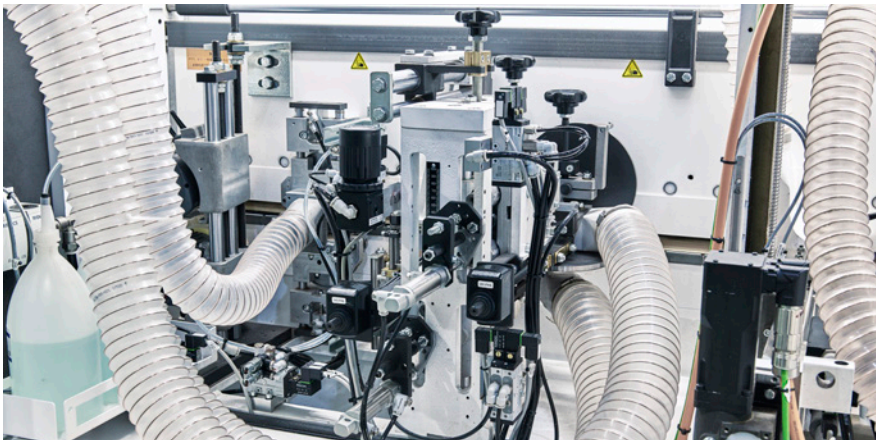


Grooving unit: effective suction hood



Profile scrapers

The quality of your products is increased by the use of profile scraper units. They smooth trimmed edges to achieve an optimum appearance.

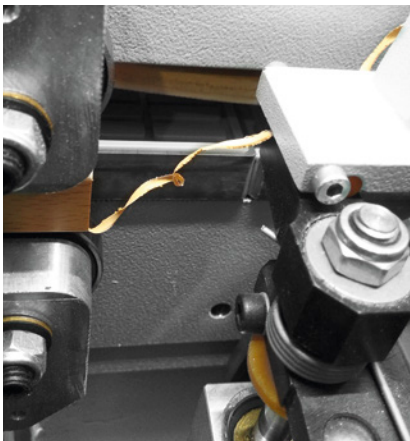


Profile scraper unit PN20 (option)

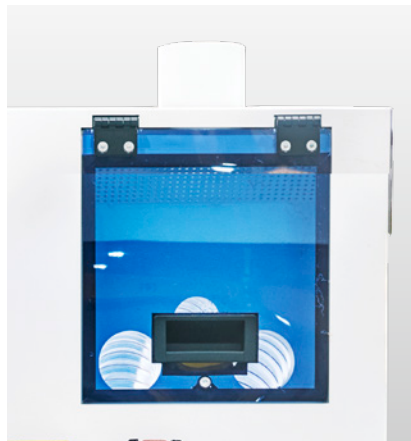
- For chamfer finishing or rounding of pre-trimmed PVC edges
- Tracing from top, bottom and laterally



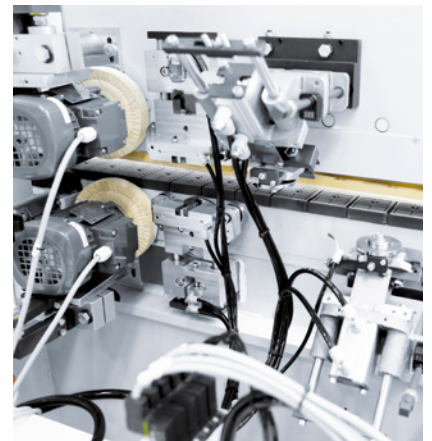
Large tracer roller



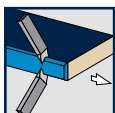
Chip break-off device



Chip disposal box



Profile scraper unit PN10



Finishing units

With an ideally coordinated finishing unit, HOMAG adds a perfect, high-quality final touch to your products. The unit for finishing the longitudinal edge, consists of a glue joint scraper, the application of a cleaning agent and a buffing unit.



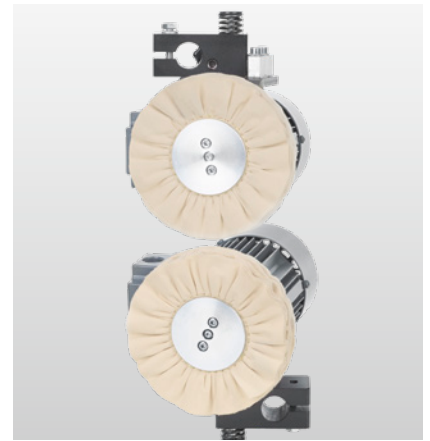
Glue joint scraper

- For removal of residual glue
- Intermittent control vertical, on top and bottom



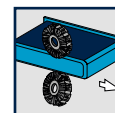
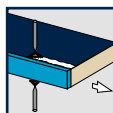
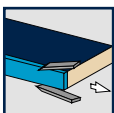
Cleaning agent

Application of the cleaning agent with 2 spray nozzles



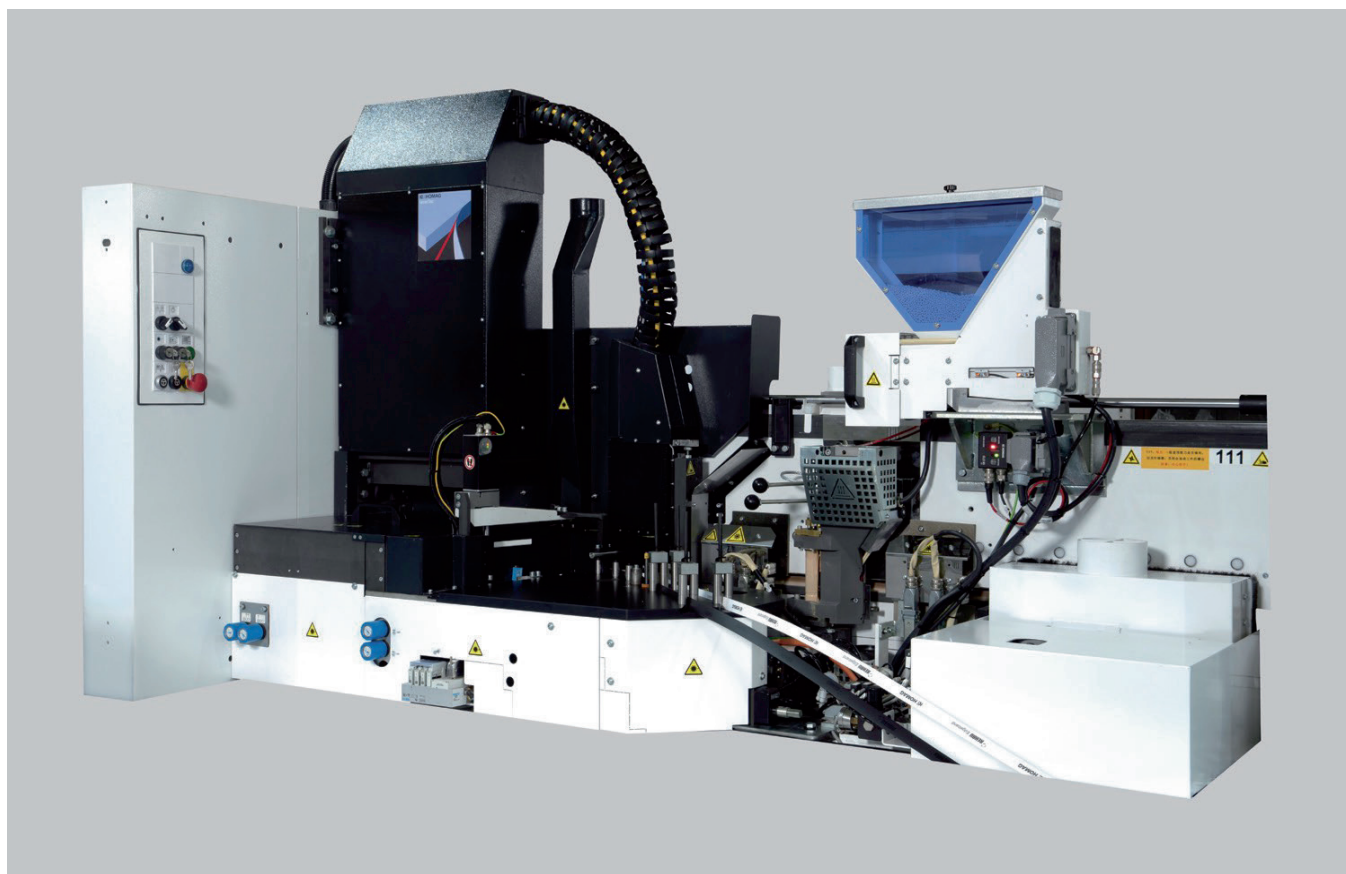
Buffing unit

For cleaning the edges



EDGETEQ S-370 / laserTec

This edgebanding machine combines the advantages of 7 years of research and development experience, and is a reliable, high-quality product.



Laser Edgebanding Functional Features:

- Pressure roller zone can be adjusted automatically
- Edge top pressure device can be adjusted automatically
- Magazine table height can be adjusted
- Laser head can go up and down automatically
- Dust suction hood as standard
- Pressure zone rollers with cleaning device
- Laser power adjustment is convenient and fast
- Safety and environmental protection meet C1 standard

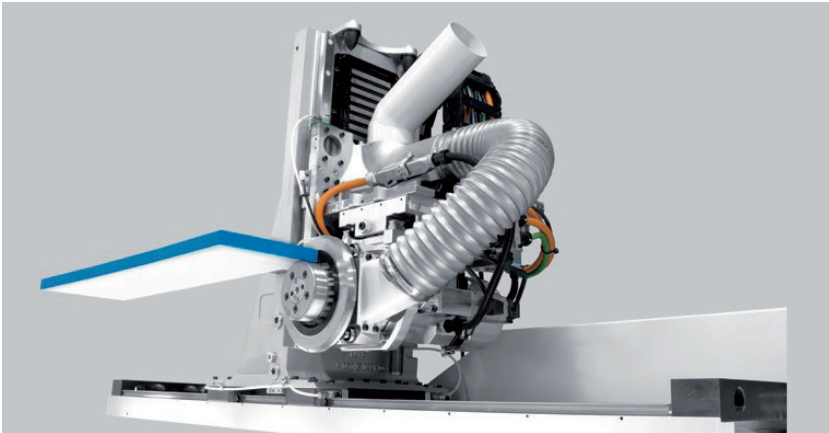
laserTec is the EDGETEC S-370 high-speed laser edgebanding technology.

HOMAG CHINA recently launched the new generation EDGETEQ S-370 (KAL230) / laserTec, which uses this advanced laser engraving technology. It is suitable for 12-40mm thick workpieces and can achieve higher processing precision and efficiency.

This technology is widely used in the furniture, decorative and other industries, and its performance has been widely recognized by users.

It is an efficient, reliable and safe industrial laser edgebanding solution.

Note: The product is made of high-quality steel structure, and the design and manufacturing are in full compliance with German engineering standards.

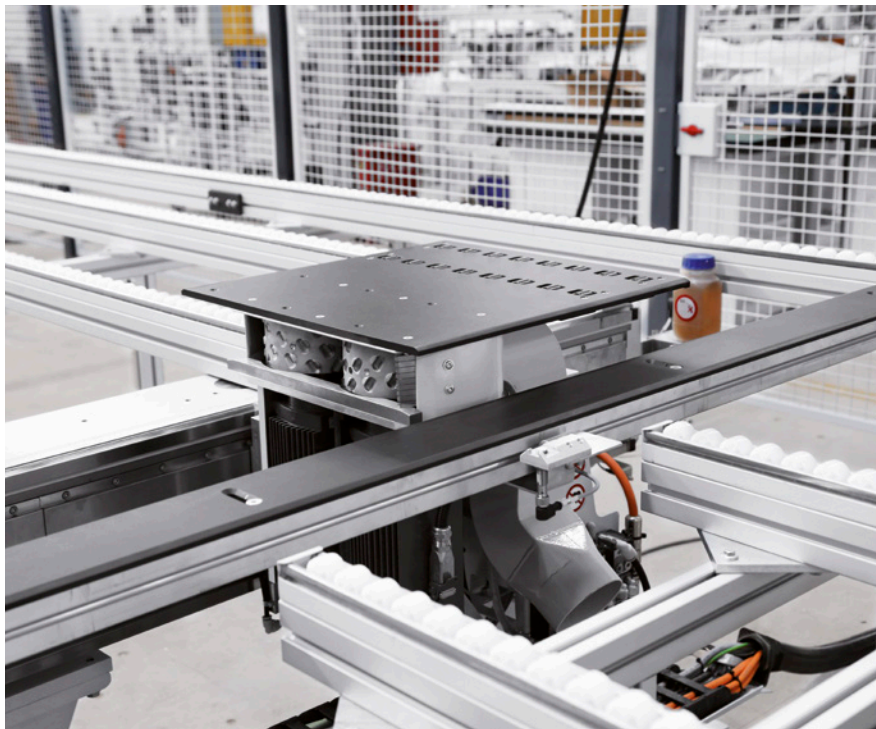
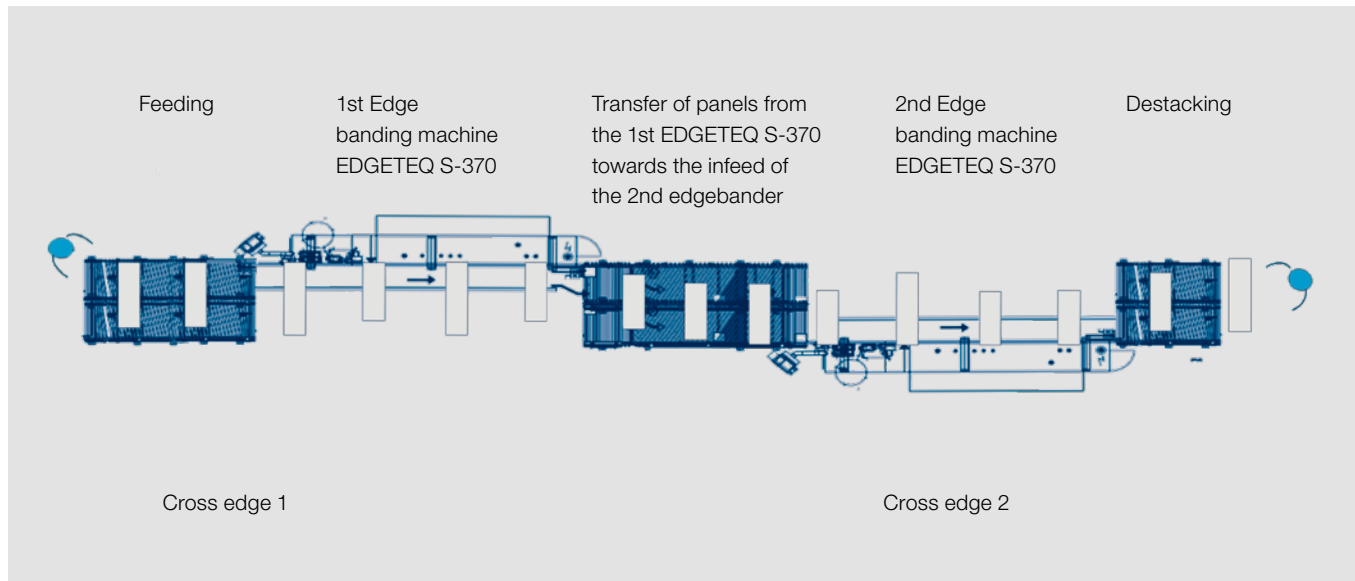


Highlights

- Fully steel-structured machine body with pressure belt automatic pressure
- Can engrave with laser + EVA or laser + PUR
- 35 mm/s high-speed edgebanding speed that meets your production needs
- Standard configuration, easy to operate and maintain
- Precision single-element thickness adjustment
- FK30 magnetic suspension guide provides the highest 25 mm/s edgebanding speed
- Peripheral tool kit PN20 self-powered adjustment
- FA20 servo knife automatically adjusts the protective film according to the workpiece

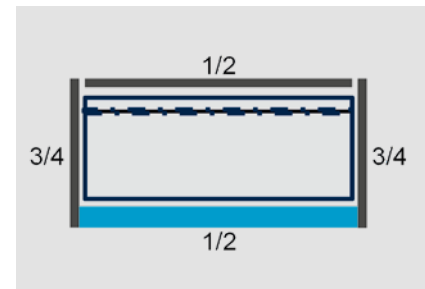
Flexible dimension edge banding line

Today's furniture manufacturing is no longer imaginable without powerful logistics with technology reliable in production. Here HOMAG offers a comprehensive product range. Modular HOMAG TB elements are efficient solutions for machine feeding. The TV offsetting stations convey components of differing dimensions with the utmost speed and flexibility. Arranged between two single-sided machines, the offsetting station executes fixed edge changeover and ensures precise infeed of components to the downstream machine.

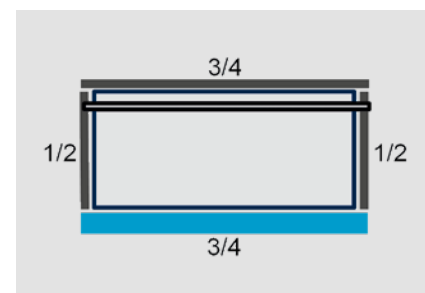


Outrigger for panel sizing AW12 for EDGETEQ S-370

Format processing in longitudinal operation – panel width and parallelism



Length / Length / Cross / Cross
(recommended)

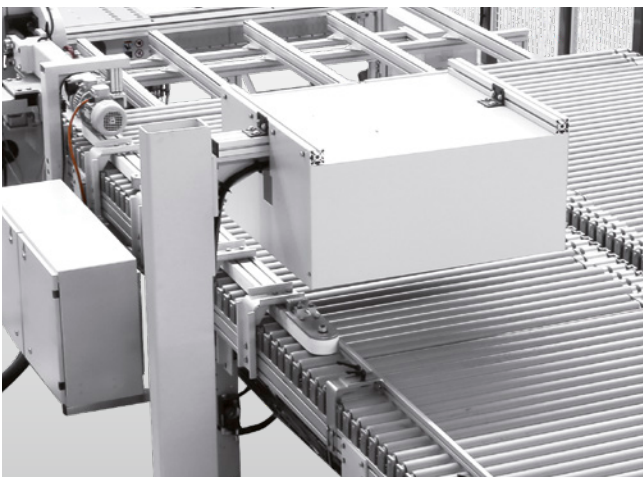


Cross / Cross / Length / Length
(for short parts, e.g. kitchen parts $L \leq 700$ mm)

Control with woodLine software package

With the modular software package woodline you can control two processing machines of the series EDGETEQ S-370 as well as feeding and transfer from the first machine to the second one. Functions like Section-wise reset, Barcode reading system, Flexible edge sequence control or Resetting in the gap are included.

There are many parameters that must be defined to tell the machine and the aggregates what to do. Without a barcode control each of these parameters must be defined at the machine.



Automatic barcode reading system

- Enables the automatic determination of the production sequence through reading in a 1D barcode on a label attached on the component surface in throughfeed direction
- Stationary line scanner
- For mounting on a transport device before the first section of the production line



Automatic workpiece infeed system



Manual barcode reading system



The solution: data entry with barcode benefits

- Faster working
- Defined production sequence
- Error minimization because unique correlation of component and barcode data prevents incorrect assignment
- Automation possible



Support via TeleServiceNet Soft

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



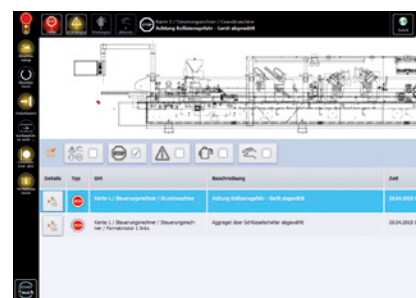
Control with powerTouch

- The easy, intuitive operation of powerTouch increases the speed and reliability of inputs
- Intuitive operation through gesture control for functions such as zooming, swiping, scrolling



Programming with woodCommander

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



Diagnostic system woodScout (option)

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.

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

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



Control with powerTouch

- Direct control via the touch-sensitive touchscreen monitor
- Integrated help and assistance functions result in greater production readiness

选择	描述	%	维护类型
<input type="checkbox"/>	机身 [压缩空气处理单元] 检查冷却水连接	63.7 %	
<input type="checkbox"/>	机身 [压缩空气处理单元] 更换过滤器	1.7 %	
<input type="checkbox"/>	机身 [机身] 启动测试	63.7 %	
<input type="checkbox"/>	机身 [机身] 测量上压装置	15.9 %	
<input type="checkbox"/>	机身 [机身] 检查皮带张力	15.9 %	
<input type="checkbox"/>	机身 [机身] 检查上压压力传感器	15.9 %	
<input type="checkbox"/>	机身 [机身] 检查隔帘轮	15.9 %	
<input type="checkbox"/>	机身 [机身] 检查输出轴的紧固	6.4 %	
<input type="checkbox"/>	机身 [机身] 检查锁紧	5.3 %	
<input type="checkbox"/>	机身 [机身] 检查气压力	3.2 %	

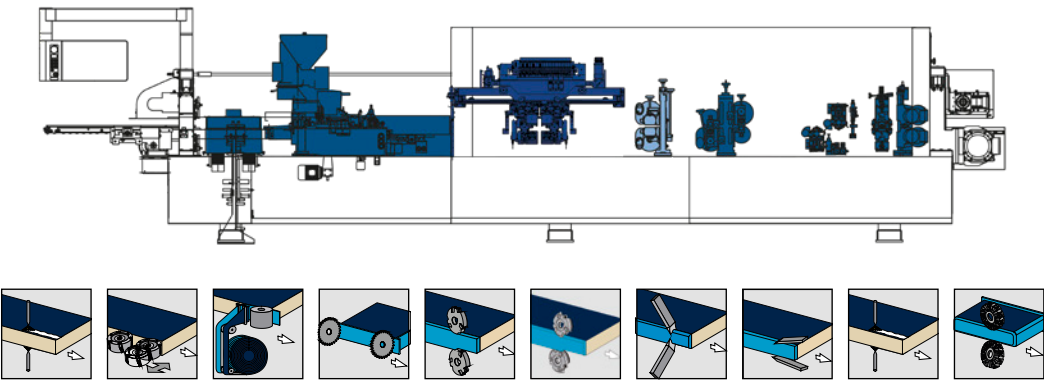
Evaluation with MMR Basic

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.

TECHNICAL DATA HOMAG EDGETEQ S-370

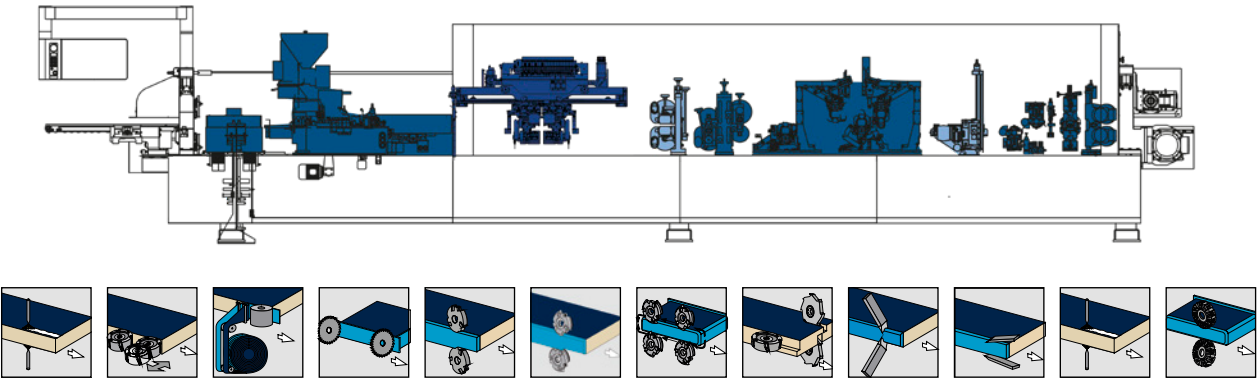
MACHINE DIMENSIONS	KAL 230/6/A3	KAL 230/8/A3	KAL 230/10/A3
Overall lenght (mm)	7,880	9,380	10,880
Working height (mm)	950	950	950
Total weight (kg)	4,150	5,100	6,050
WORKPIECE PARAMETERS			
Workpiece width min. (mm)	60	60	60
Workpiece thickness (mm)	12 - 60	12 - 60	12 - 60
with joint trimming	40	40	40
as option with jointing cutter	60	60	60
Edging material coil (mm)	0.3 - 3	0.3 - 3	0.3 - 3
Workpiece overhang (mm)	30	30	30
MISCELLANEOUS			
Feed speed (m/min)	18 - 35	18 - 35	18 - 35
Pneumatic system (bar)	6	6	6

EDGETEQ S-370 (KAL 230/6/A3)



Option
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EDGETEQ S-370 (KAL 230/8/A3)

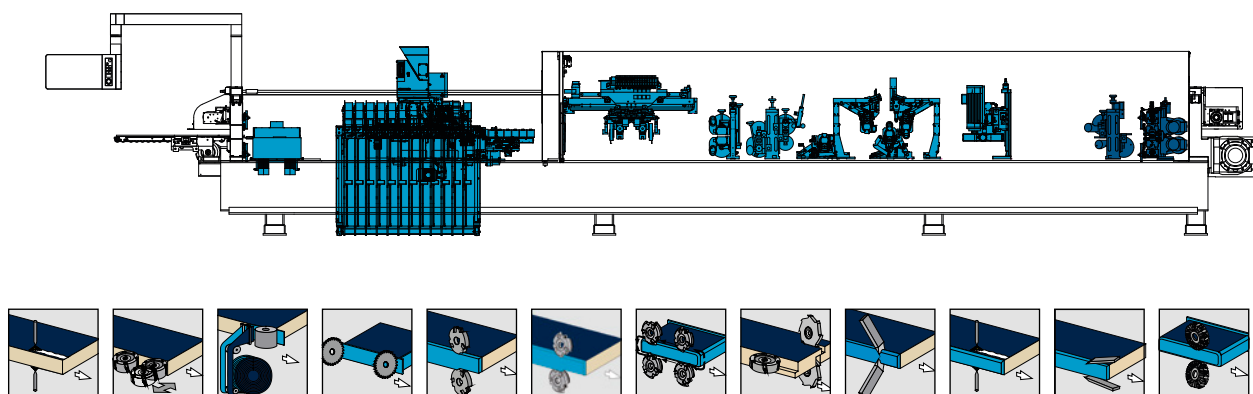


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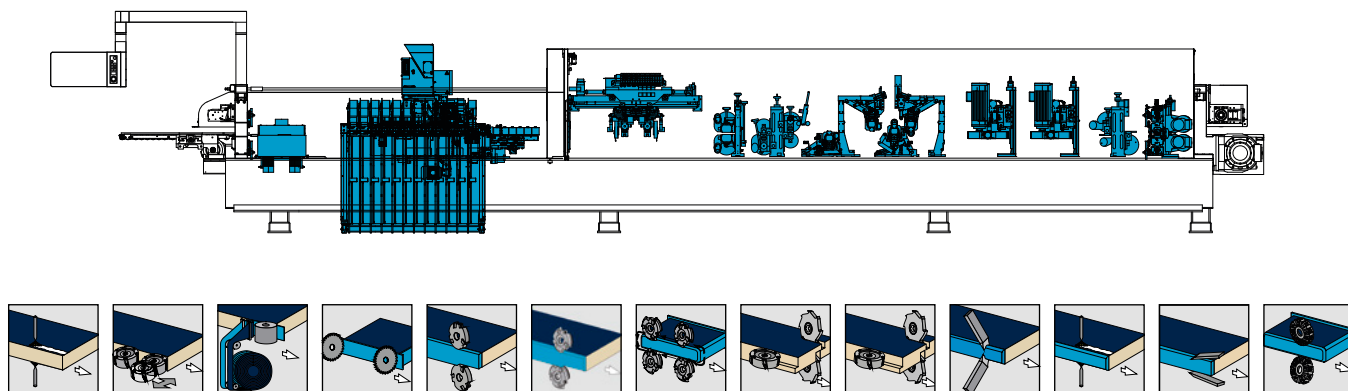
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EDGETEQ S-370 (KAL 230/10/A3)



EDGETEQ S-370 (KAL 230/10/A3)



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For a smooth start, we only let proven experts manage your setup.

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To keep things running, we're happy to take a preventative approach. You decide how often and how intensively you want the support to be. As we all know, prevention is better than the cure.

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A few clicks and it's fixed. Receive exclusive advantages by ordering spare parts online, depending on market availability. shop.homag.com

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With classroom, live online or eLearning training, we offer flexible options to help you get knowledge. We conduct over 4,000 customer training courses every year, and we even have our own training centers in 19 countries

MODERNIZATION & IMPROVEMENT

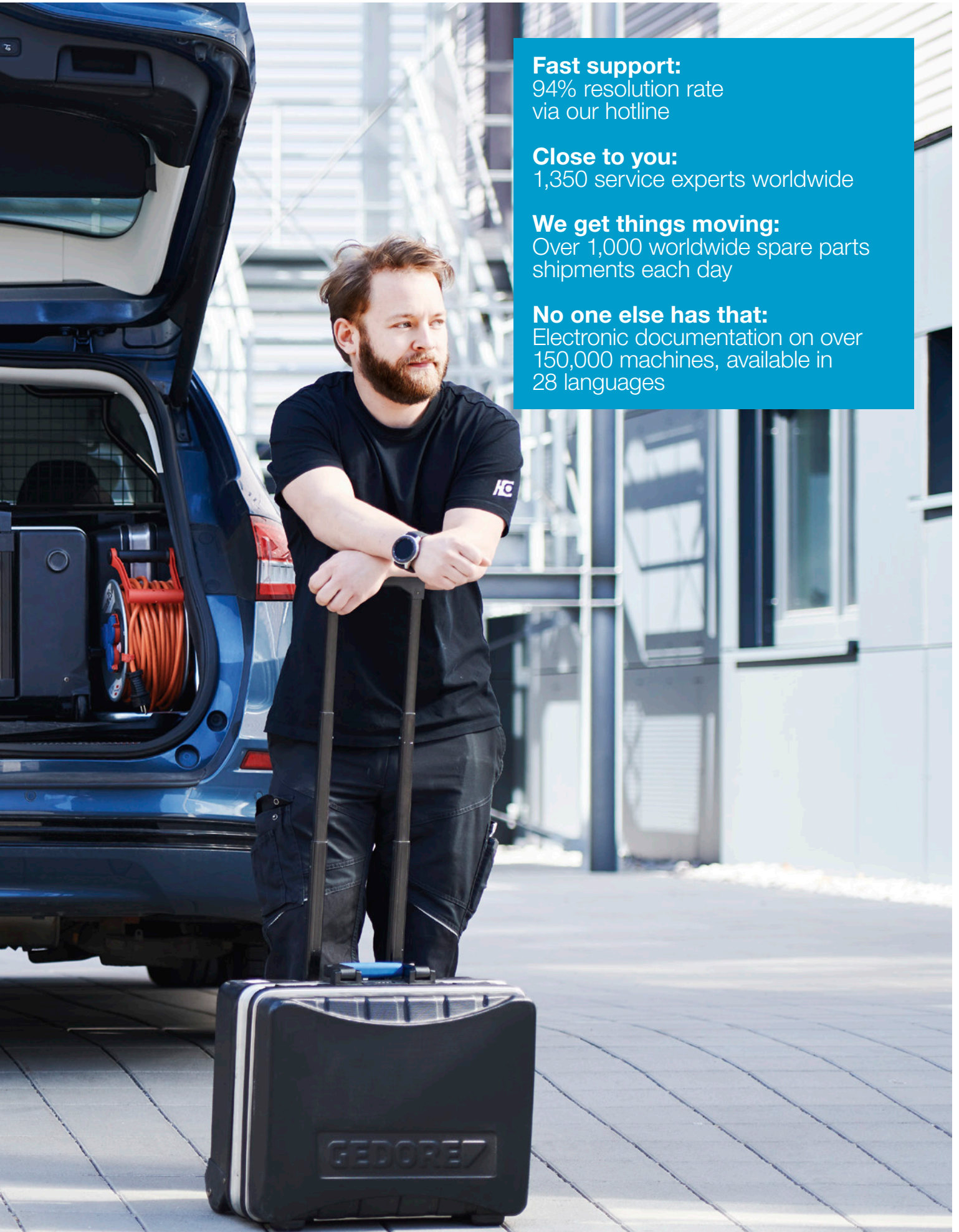
Our modernization program is tailored to your machines and processes. We can evaluate your data and situation and advise you on the next step.

ANALYSIS & SUSTAINABILITY

On request, we analyze all your processes with proven tools and procedures (LeanSixSigma). We have a large, certified team of experts for this purpose.

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Fast support:

94% resolution rate
via our hotline

Close to you:

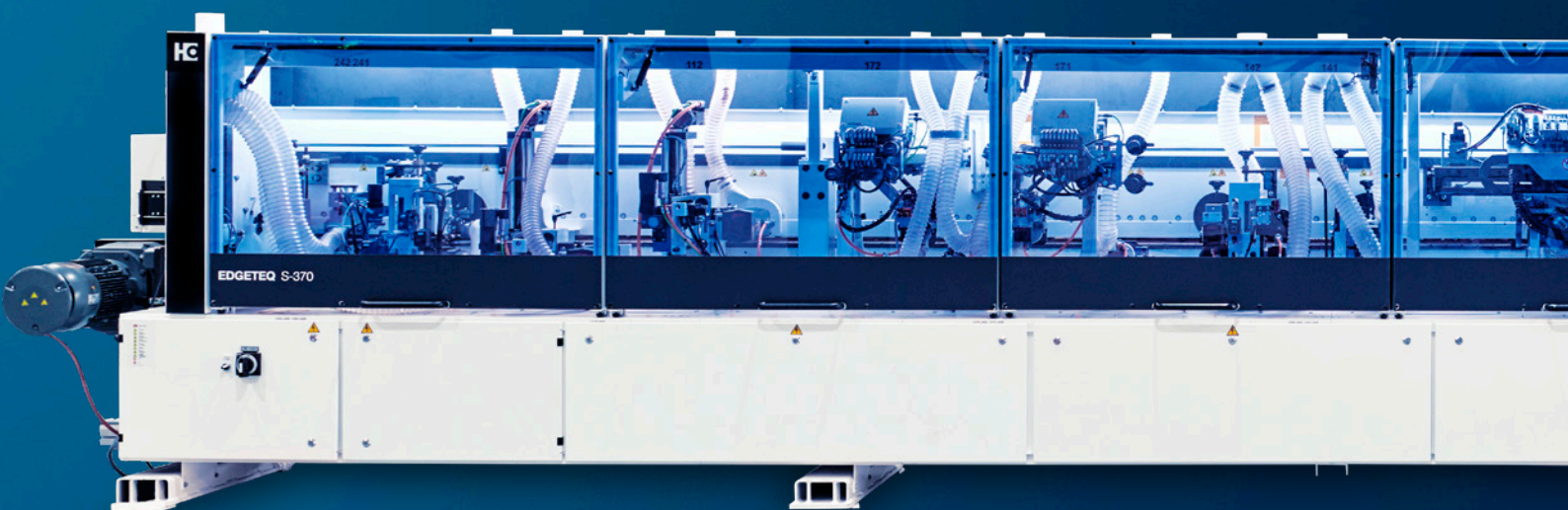
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We get things moving:

Over 1,000 worldwide spare parts
shipments each day

No one else has that:

Electronic documentation on over
150,000 machines, available in
28 languages



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