

ENDMASTER

High-performance solutions for edge processing

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KOCH offers a complete range of edge-banding and hot-foiling machines, from top-quality basic equipment for market newcomers through to fully automated machining centers for large-scale production. Our product lines – base, pro and select – are the basis for an ideal system design. With optional equipment enhancements, each machine can be seamlessly adapted to suit your specific needs.

Superior-quality components throughout our range ensure consistently outstanding precision in all aspects of edge processing.

- ✓ Production of a wide variety of workpieces – whether profiled, shaped or special parts
- ✓ Complete workpiece processing through enhanced equipment for shaping, drilling, gluing and dowel insertion
- ✓ Manual feed or through-feed
- ✓ Application of a wide variety of edge materials, from paper, ABS and PVC through to melaminic and wooden edges with minimum thickness of 0.15 mm
- ✓ All standard glues, including EVA, PUR and PO



THE K-SYSTEM

Product lines to optimize productivity and success

You can rely on KOCH to answer all your needs with expertise, precision and passion. With KOCH as your partner, you are offered the full range of possibilities, where transparency and consistency are guaranteed. From our clearly structured range of products, we provide you with the perfect solution to match your requirements.

Whether gearing up for a profitable launch, optimizing production to increase flexibility or configuring a unique system for maximum performance – no matter how you decide, each option is designed with the core competencies of the industry's leader and results in top quality. We call it the K-SYSTEM.

At its manufacturing facilities in Germany, KOCH produces cutting-edge technology for wood processing. Our product lines, consulting expertise and services are available around the world at any time through our extensive network of branch offices and business partners.



base.line

effective planning. efficient production.

- ✓ Pure function and top quality combined in concentrated form
- ✓ Convenient handling and reliable performance guaranteed
- ✓ High-quality equipment at an attractive package price



pro.line

flexibly featured. designed for growth.

- ✓ Enhanced functionality for targeted optimization
- ✓ Boost in flexibility thanks to additional features
- ✓ Select machines at an attractive package price



select.line

customizable configuration. smart optimization.

- ✓ Tailored configuration to maximize performance
- ✓ Utmost flexibility through perfectly customized functionalities
- ✓ Seamless integration into production processes



ENDMASTER-K base.line

ENDMASTER-P base.line

The perfect launch into just-in-time production

For high-precision processing of profiled, shaped and other special workpieces, our base.line equipment is extremely versatile. These single-sided edge-banding and hot-foiling machines with manual feed are ideal for just-in-time production. The trimming station of the ENDMASTER-K is especially designed for shaping extremely profiled parts.

The ENDMASTER machines are suitable for the production of frame parts, furniture fronts, mouldings and single-drawer components. They can accommodate a wide variety of edge materials and standard adhesives.

Overview of basic equipment:

ENDMASTER-K base.line

- ✓ Edge-banding station
- ✓ Edge-trimming station

Options:

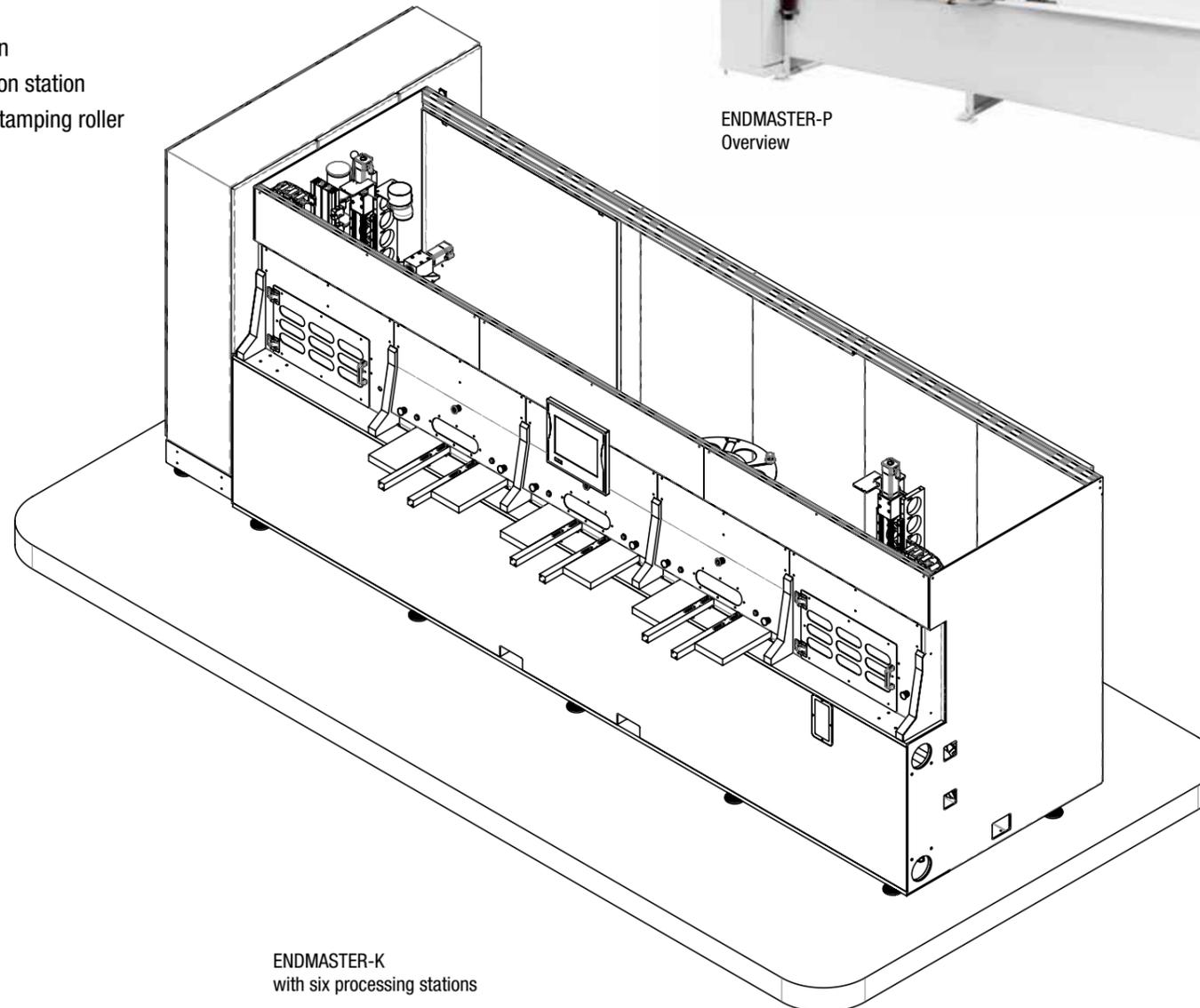
- + 2. Edge-trimming aggregate
- + Storage for five different tape coils (manual change)
- + Horizontal drilling station
- + Formatting station
- + Combined edge shaper for chamfered and straight edges
- + 6 processing stations

ENDMASTER-P base.line

- ✓ Chamfering station
- ✓ Hot-foiling station

Options:

- + Drilling station
- + Dowel insertion station
- + Divided hot-stamping roller



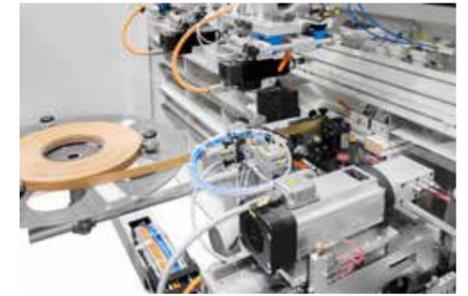
ENDMASTER-K with six processing stations



ENDMASTER-K Overview



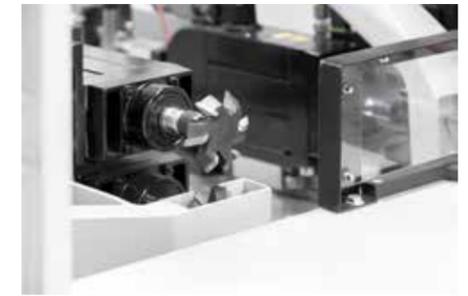
ENDMASTER-P Overview



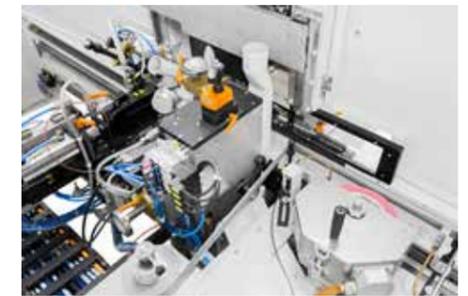
ENDMASTER-K base.line Edge-banding and trimming station



Formatting station



Chamfering station



ENDMASTER-P base.line Chamfering, drilling, gluing and dowel insertion station



Hot-foiling station



ENDMASTER-K pro.line ENDMASTER-P pro.line

Double-sided processing with through-feed

Our pro.line models have been specially developed for processing workpiece ends of narrow parts, such as rails, stiles and plinths. Conventional adhesives, such as EVA, PUR and PO, can be used for materials such as MDF, chipboard, glued wood or composites.

Double-sided processing with automated through-feed ensure precise, efficient series production of components even with unusual dimensions. Thanks to the modular design, optional features allow you to expand and optimize the system to perfectly suit your processing needs. The machine can serve as a stand-alone solution or be integrated into a production line.

Overview of basic equipment:

ENDMASTER-K pro.line

Our edge-banding aggregates can apply any standard edging material measuring 0.15 mm to 3 mm in thickness and up to 80 mm in height. Special CNC trimming units with sensing rollers follow the contours of the components with absolute precision, removing any excess banding material to ensure an accurate finish.

- ✓ Hopper feed with stock separation
- ✓ Koch Numeric Positioning control
- ✓ Edge-banding station
- ✓ Edge-trimming station
- ✓ NC positioning for X, Y and Z
- ✓ Workpiece transport, especially for delicate surfaces

Options:

- + Central lubrication system
- + Semi-automatic filling unit for glue granulate
- + Edge-drilling station
- + Workpiece return feed conveyor
- + Inclined hopper
- + Formatting station
- + Combined edge shaper for chamfered and straight edges

ENDMASTER-P pro.line

Profiled workpiece ends can also be hot-foil laminated with ease.

- ✓ Hopper feed with stock separation
- ✓ Formatting station
- ✓ Chamfering station
- ✓ Hot-foiling station

Options:

- + Workpiece return feed conveyor



ENDMASTER-K pro.line
Semi-automatic filling unit for
glue granulate



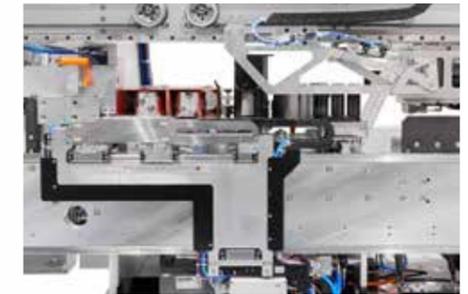
ENDMASTER-K pro.line
edge-banding station



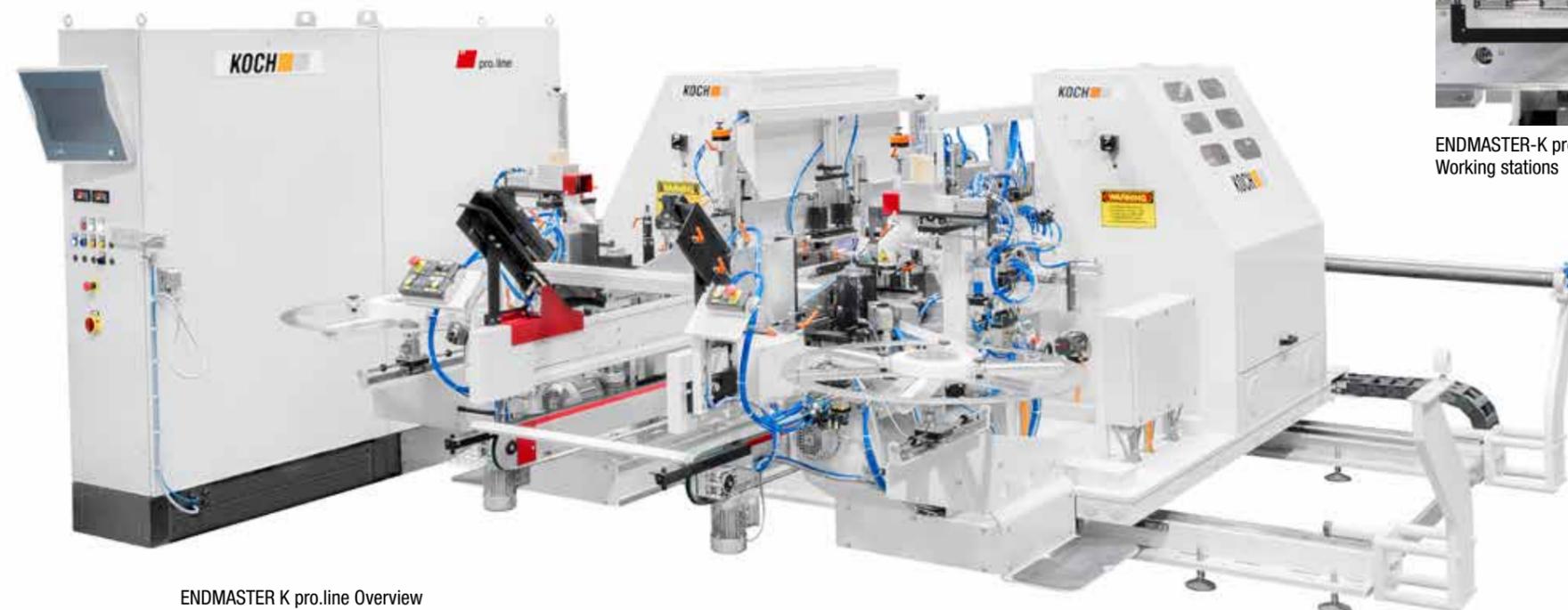
ENDMASTER-K pro.line with inclined hopper feed,
edge-banding and trimming station, filling unit for
glue granulate



ENDMASTER-K pro.line edge-trimming station



ENDMASTER-K pro.line
Working stations



ENDMASTER K pro.line Overview



ENDMASTER-K select.line ENDMASTER-P select.line

Maximum output for series production

The ENDMASTER edge-banding and hot-foiling machines in our select.line series include all the advantages of our pro.line series, but are specially designed for maximum performance. Their solid engineering and top-quality components ensure consistently clean and absolutely precise processing. If necessary, trim saws can be connected in the infeed area of the ENDMASTER machines.

- ✓ Ideal for the processing of workpiece ends of narrow parts, such as rails, stiles, plinths, curved parts, frame parts etc.
- ✓ Application of a wide variety of edge materials, from paper, ABS and PVC through to melaminic and wooden edges with minimum thickness of 0.15 mm
- ✓ Use of standard adhesives, such as EVA, PUR and PO
- ✓ Durable, low-maintenance components

ENDMASTER-K select.line

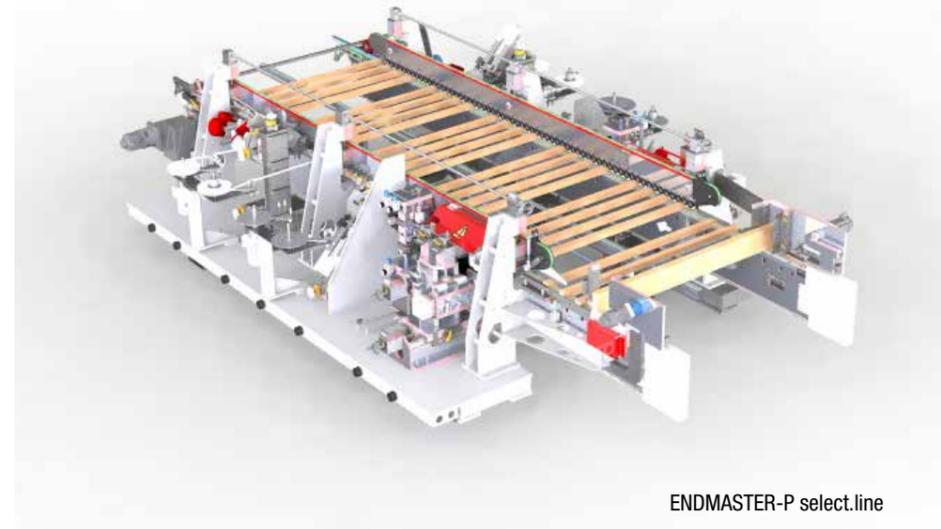
Double cycle for maximum output

- + Double cycle work stations
- + Simultaneous processing of multiple parts
- + Formatting station
- + Combined edge shaper for chamfered and straight edges

ENDMASTER-P select.line

Maximum performance with through-feed processing

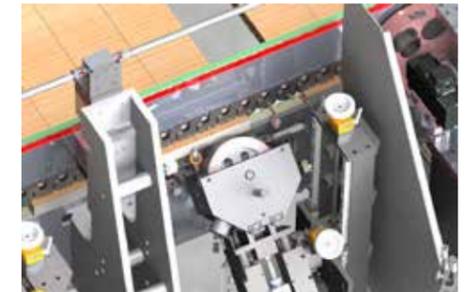
- + Optimized system design for high-volume series production
- + Integration of high-performance components for maximum productivity and safety



ENDMASTER-P select.line



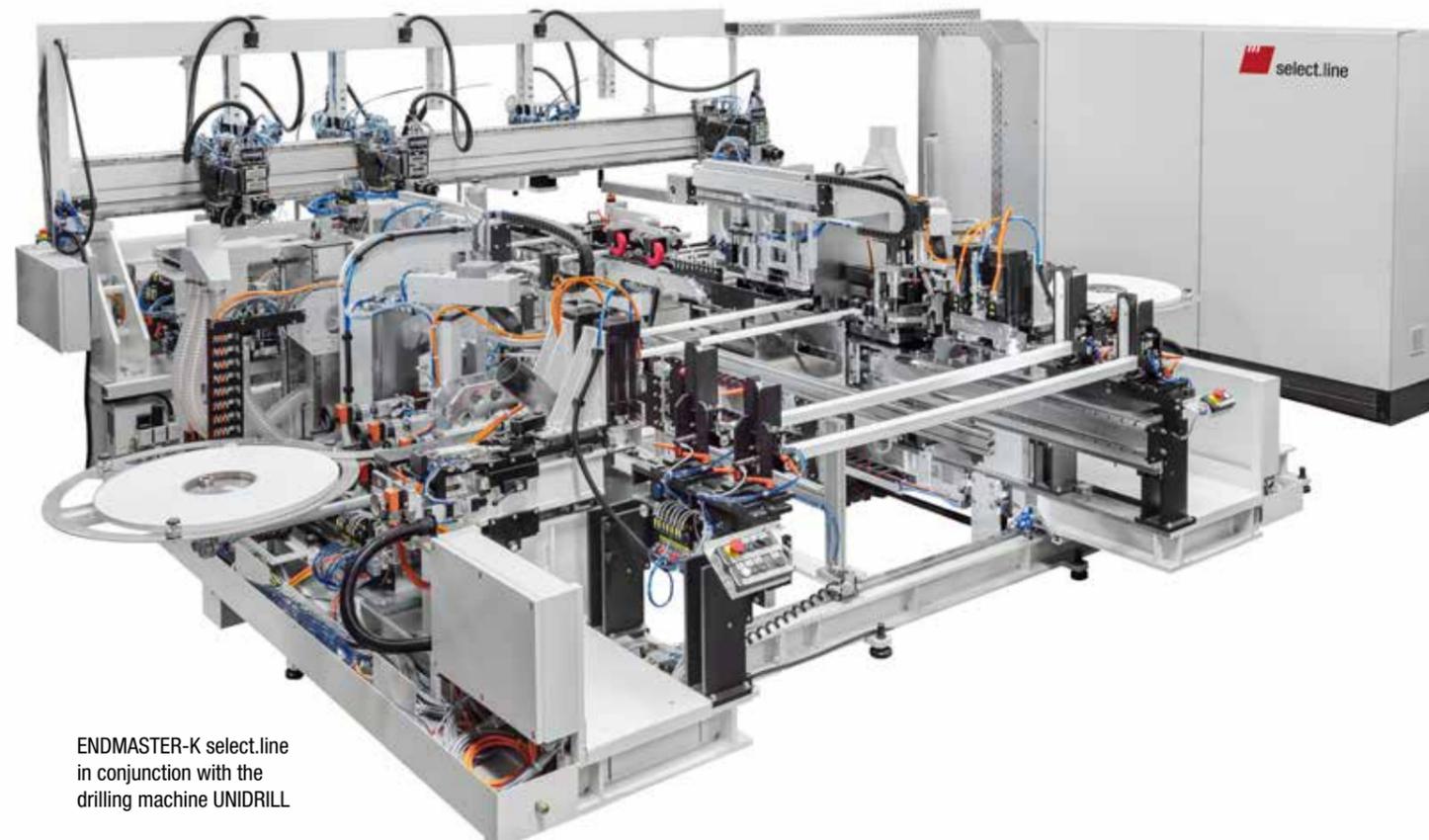
ENDMASTER-K select.line for curved parts



ENDMASTER-P select.line hot-foiling station



ENDMASTER K select.line edge-banding station



ENDMASTER-K select.line in conjunction with the drilling machine UNIDRILL



ENDMASTER-K select.line chamfering station with sensing roller



ENDMASTER-K select.line edge trimming station



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