



DRAWERS

Solutions for the production of drawers

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The efficient production of cabinet and furniture components requires a lot of know-how and machines that are specially adapted to the application. High flexibility and precision are necessary for all stages to achieve the desired added value.

KOCH offers various concepts for the production of drawer parts or folding system drawers. The range of solutions includes machines for just-in-time production in work cells to through-feed machines for larger batch production. All machines can process a variety of profiles and materials.

Select.line machines provide users with production lines perfectly fine-tuned to suit their needs, and with optional equipment enhancements, they can be ideally tailored to optimize production. Depending on the machine type, the machines can be used for the processing of

- ✓ Drawer fronts
- ✓ Drawer side panels
- ✓ Drawer back panels
- ✓ Folding system drawers



DRAWERS



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



S-250 + BD + Z-208 select.line

Machine for the production of single drawer parts

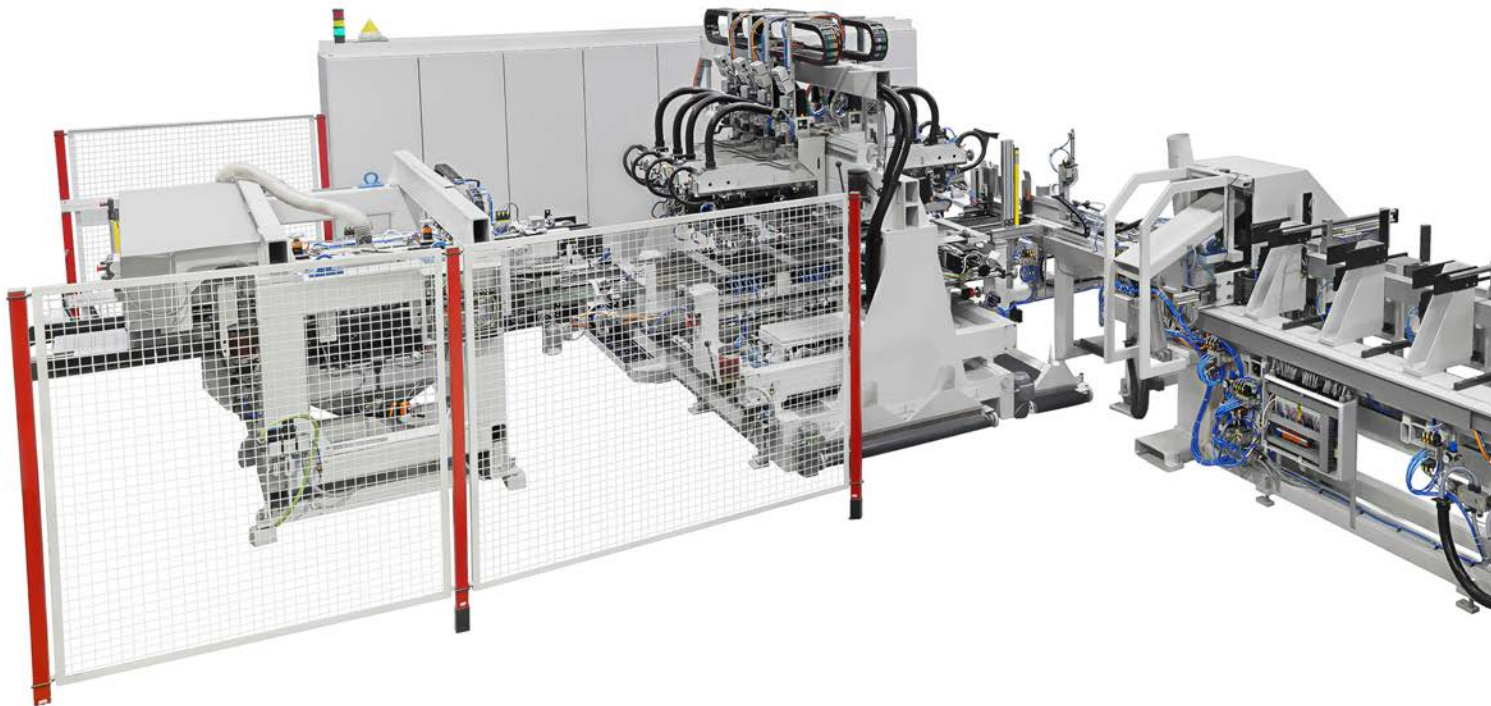
In addition to machines for drawer front parts KOCH offers solutions for the production of single drawer parts. The machines can be equipped individually according to customers' needs and demands.

The basic concept consists of three machines:

- Trim saw S-250 pro.line
- Drilling and dowel insertion machine BD
- Center cut sawing machine Z-208 (option)

In the first part of the machine (S-250 pro.line) the raw material is cut to size. A NC-gripper clamps the first batch and feeds it into the trim saw. From the outfeed of the S-250 pro.line the cut workpieces are fed into the second part of the machine (BD), where all drilling processes, dowelling and notching can be made.

Optionally a center cut sawing machine can be established behind the drilling machine, so that the workpieces can be divided and grooved crosswise (if needed).

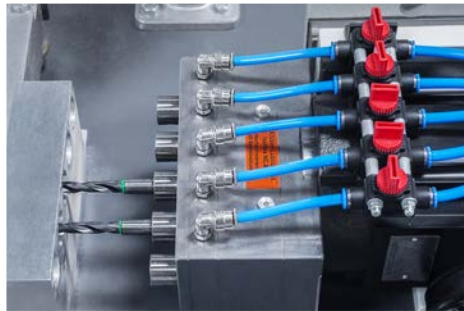


Overview of included features

- ✓ Trim saw
- ✓ Horizontal drilling station
- ✓ Vertical drilling station
- ✓ Edge drilling unit
- ✓ Notching unit

Option

- + Center cut saw



Blowing device for drilling holes through the drill
(patent pending)



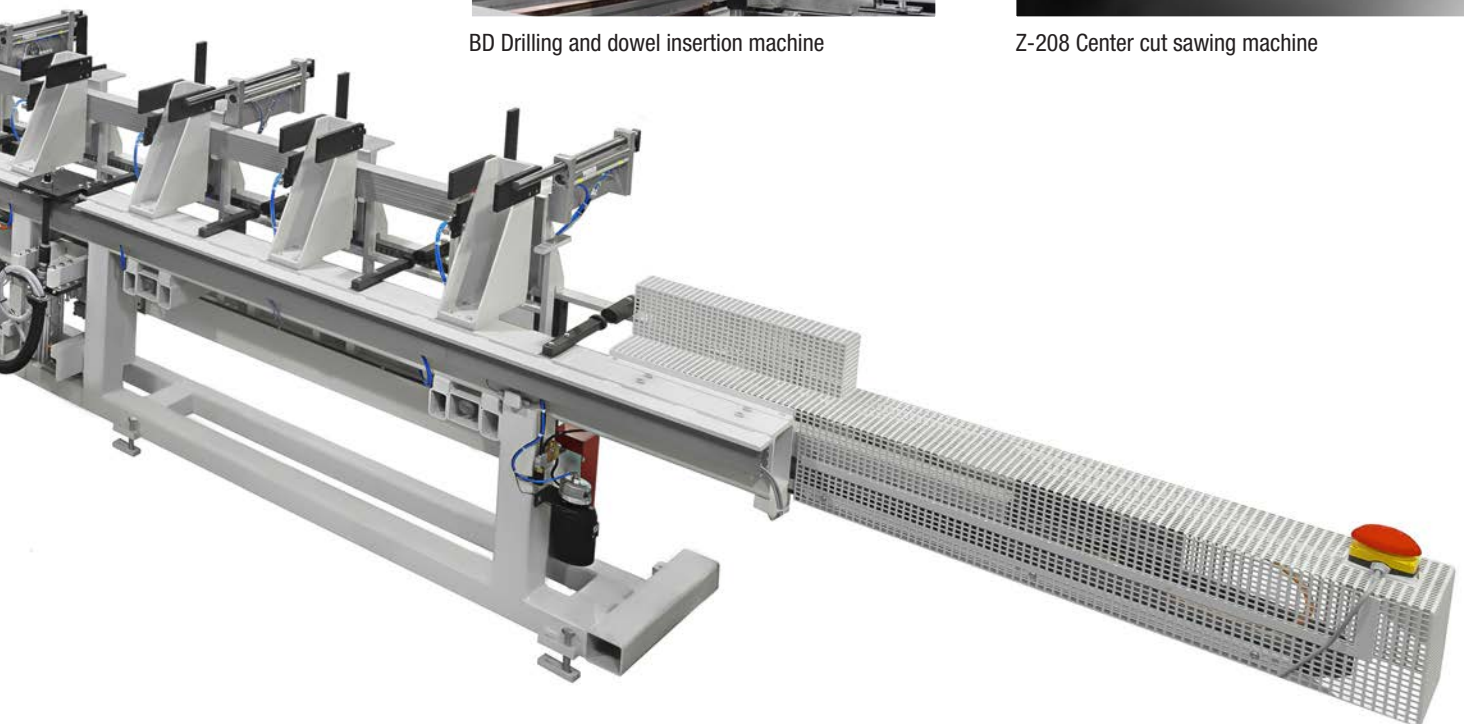
Blowing device for drilling holes with nozzle



BD Drilling and dowel insertion machine



Z-208 Center cut sawing machine



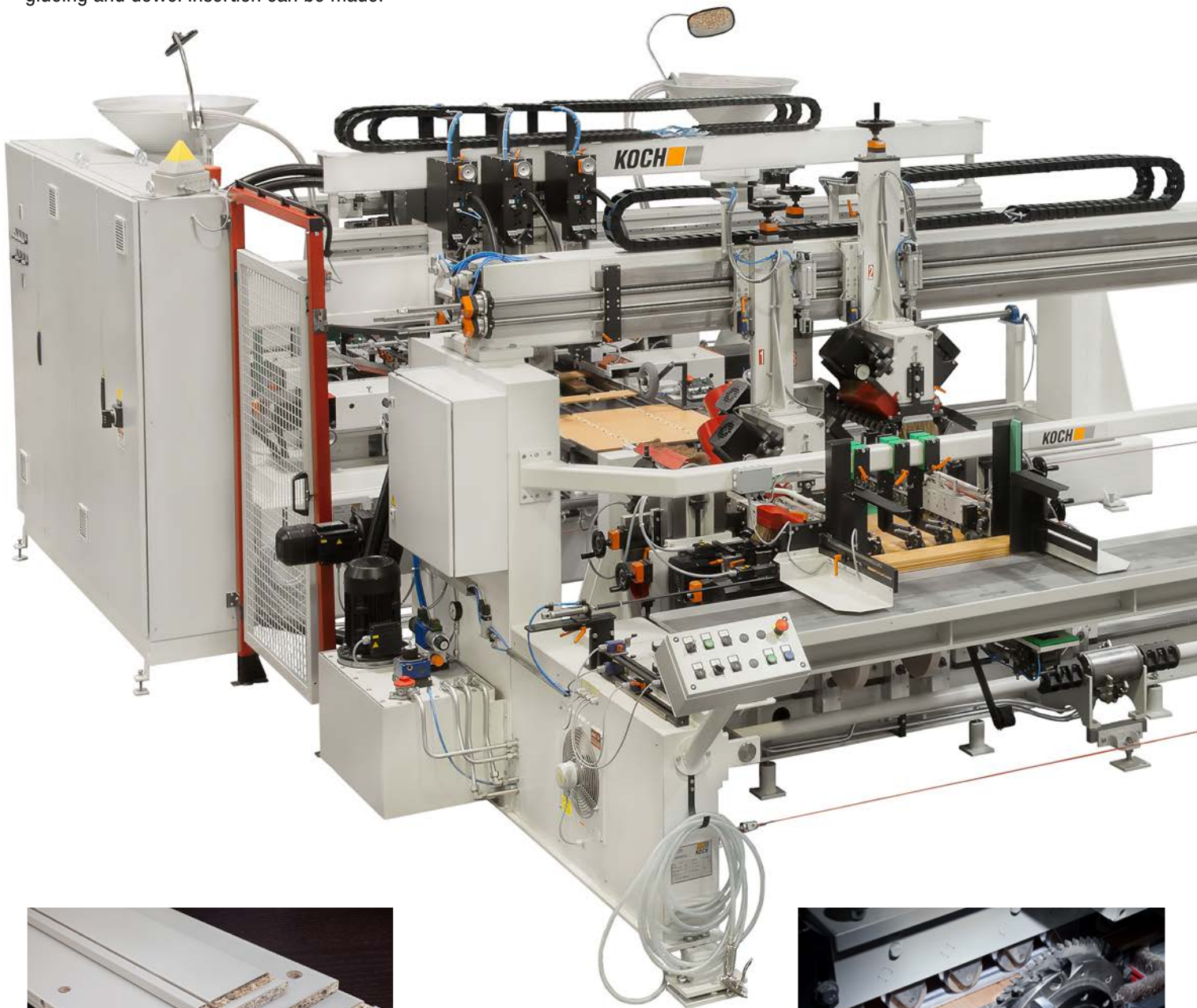


A-10 select.line

Folding system drawer line for maximum output

The A-10 select.line is a connection of Z-201 + BD for the production of foldable drawers for high capacity: In the first part of the machine the workpieces are fed out of the hopper in such a way that a continuous flow of stock, without gaps, is maintained through the machine. Due to the continuous flow of stock, the edges of the drawer parts cannot tear out.

The second part of the machine is a BD, a drilling and dowel insertion machine. Here all processings such as drilling, glueing and dowel insertion can be made.



Edge drilling unit and vertical drilling from the bottom

Overview of included features

- ✓ Trimming station (if needed swiveling)
- ✓ Mitre milling station (optional with a third unit)
- ✓ Vertical drilling station
- ✓ Horizontal drilling station
- ✓ Quadro-notching unit
- ✓ Edge drilling unit
- ✓ Glueing and dowel insertion station

Option

- + Unit for the application of adhesive tape



Folding system drawer line consisting of Z-201 (Trimming and V-grooving machine) and BD (Drilling and dowel insertion machine)



V-grooving unit



Notcher for drawer runner



Trim saw with scoring unit

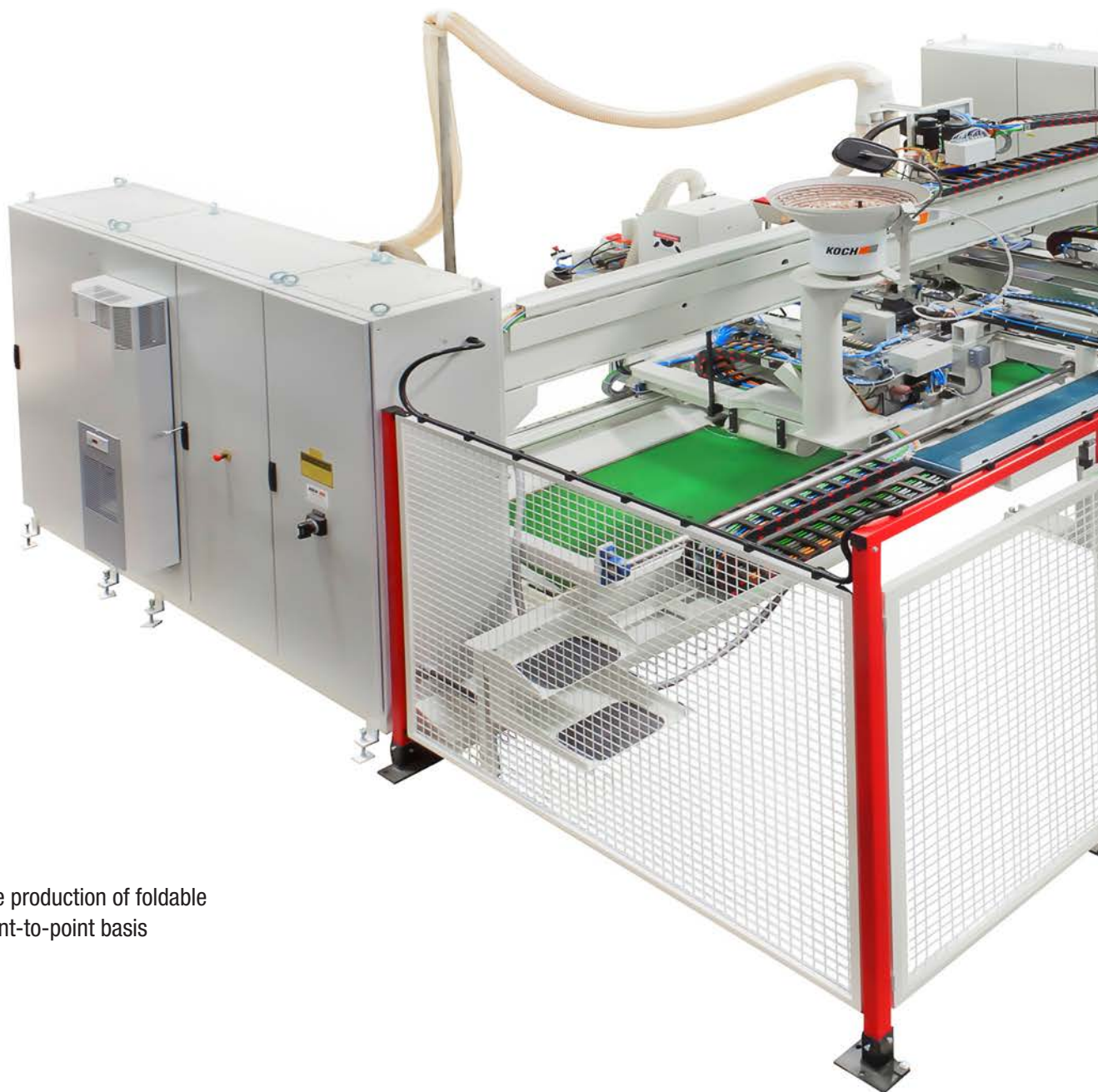


A-10-PTP select.line

Folding system drawer line on Point-to-Point-Basis

The A-10-PTPselect.line is also a connection of machines, consisting of a NC-controlled sawing, drilling and dowel insertion machine on point-to-point-basis (Type SBD select.line) and a V-grooving saw (Type FFQ 370).

In the first part of the machine the workpieces are trimmed, drilled and dowelled. Optionally a bottom groove can be made. A conveyor belt transports the workpieces into the downstream folding saw, in which the workpieces are V-grooved and where the adhesive tape can be applied (if needed).



Machine for the production of foldable drawers on point-to-point basis

Overview of included features

- ✓ Trim saw
- ✓ Vertical drilling station
- ✓ Horizontal drilling station
- ✓ Edge drilling unit
- ✓ Notching unit
- ✓ Grooving saw
- ✓ Dowel insertion station
- ✓ V-grooving saw
- ✓ Unit for the application of adhesive tape



Drilling unit



Unit for the application of adhesive tape



V-grooving unit



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