

BD/SBD/SBFD

Modular machinery for precision and high performance

BD/SBD/SBFD

Modular solutions for sawing, shaping, drilling, gluing and dowel insertion

KOCH's many years of experience in developing sophisticated wood-processing technology takes center stage in its modular BD/SBD/SBFD series. Expert consulting, skilled engineering and innovative solutions come together to ensure maximum flexibility in the design of multifunctional systems that are perfectly tailored to our customers' needs.

Our high-performance machines can be seamlessly combined to perform various processing steps. Each top-quality component demonstrates high availability, absolute precision and robust, safe operation over long periods of time. BD/SBD/SBFD machines are ideal for the processing of:

- ✓ Drawer components
- ✓ Cabinet components
- ✓ Profiled rails
- ✓ Furniture components
- ✓ Upholstered sofas and recliners, frame components, chairs
- ✓ Entrance doors



THE K-SYSTEM

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

Product lines to optimize productivity and success

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

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

select.line

customizable configuration. smart optimization.

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



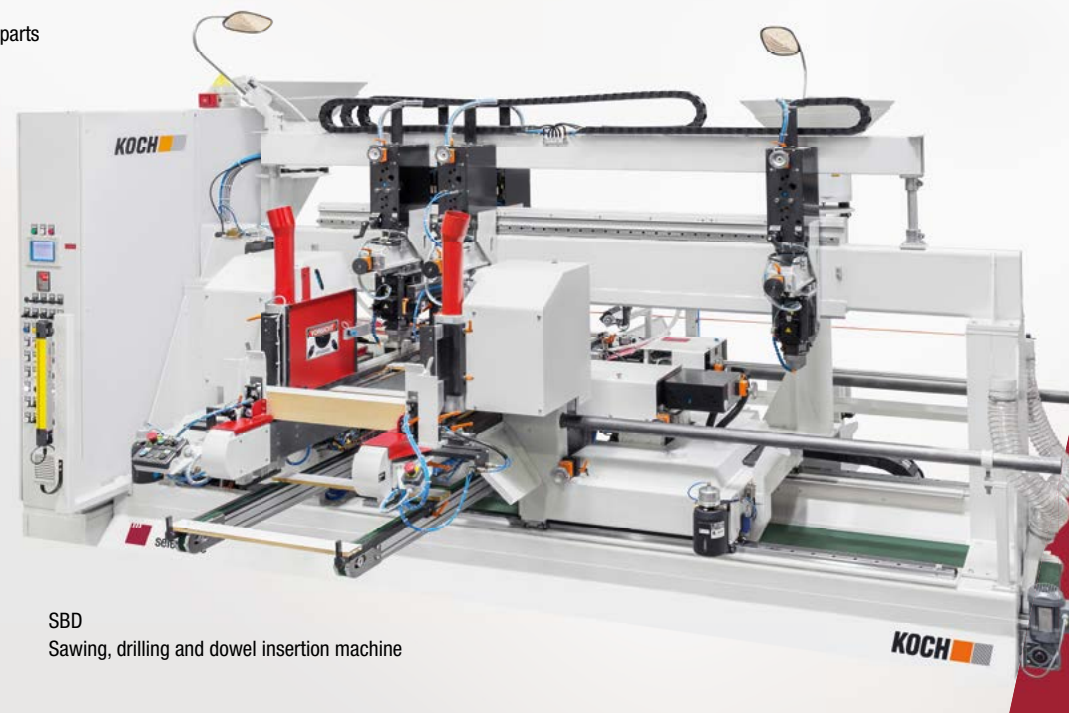
BD/SBD/SBFD select.line

Customized configuration

Thanks to their modular design, the machines in our BD/SBD/SBFD select.line series can be perfectly adapted to suit individual production processes. Each high-performance, high-precision component can be equipped according to the customer's specific requirements. In this way, each system becomes a unique machining center tailor-made for our customers. Depending on the configuration, the production centers can be used as stand-alone solutions or as part of a production line.



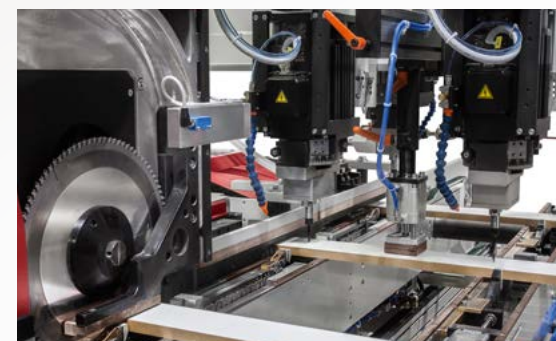
BD-B
Drilling machine for small and narrow parts



SBD
Sawing, drilling and dowel insertion machine



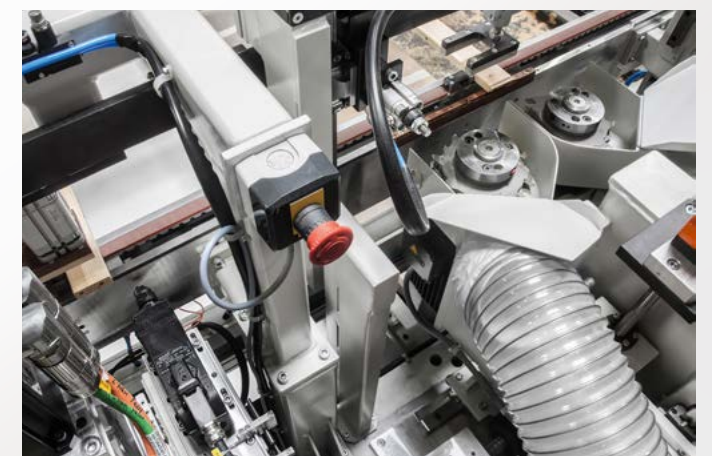
BD-B
Drilling stations for the processing of narrow parts



SBD
Sawing, drilling and dowel insertion station

Customizable solutions to suit your needs

- ✓ BD: Drilling / Gluing / Dowel insertion
- ✓ SBD: Sawing / Drilling / Gluing / Dowel insertion
- ✓ SBFD: Sawing / Drilling / Shaping / Gluing / Dowel insertion



SBFD
Shaping station



SBFD + BL-25
Sawing, shaping, drilling and dowel insertion machine with edge drilling machine



BD/SBD/SBFD select.line

High performance for straight and right-angled workpieces

The BD/SBD/SBFD select.line series is designed to automatically transport the workpieces to each individual work-station, where they are stopped in clamped position for processing on all sides. Various machining steps, such as shaping, sawing, drilling, gluing and/or dowel insertion, can be combined, creating a seamless workflow to process small and narrow parts, frame components, profiled rails, as well as cabinet parts.



BD-B-Double-cycle
Double-cycle drilling stations for two-piece processing



Horizontal blowing device with nozzles for drilling holes



Vertical drilling at the edge

Benefits of the BD/SBD/SBFD select.line series include:

- ✓ High capacity
- ✓ Short set-up times
- ✓ Sturdy design
- ✓ High safety standards
- ✓ Compact, modular design
- ✓ Consistently high precision



Notching unit



Blowing device for drilling holes through the drill

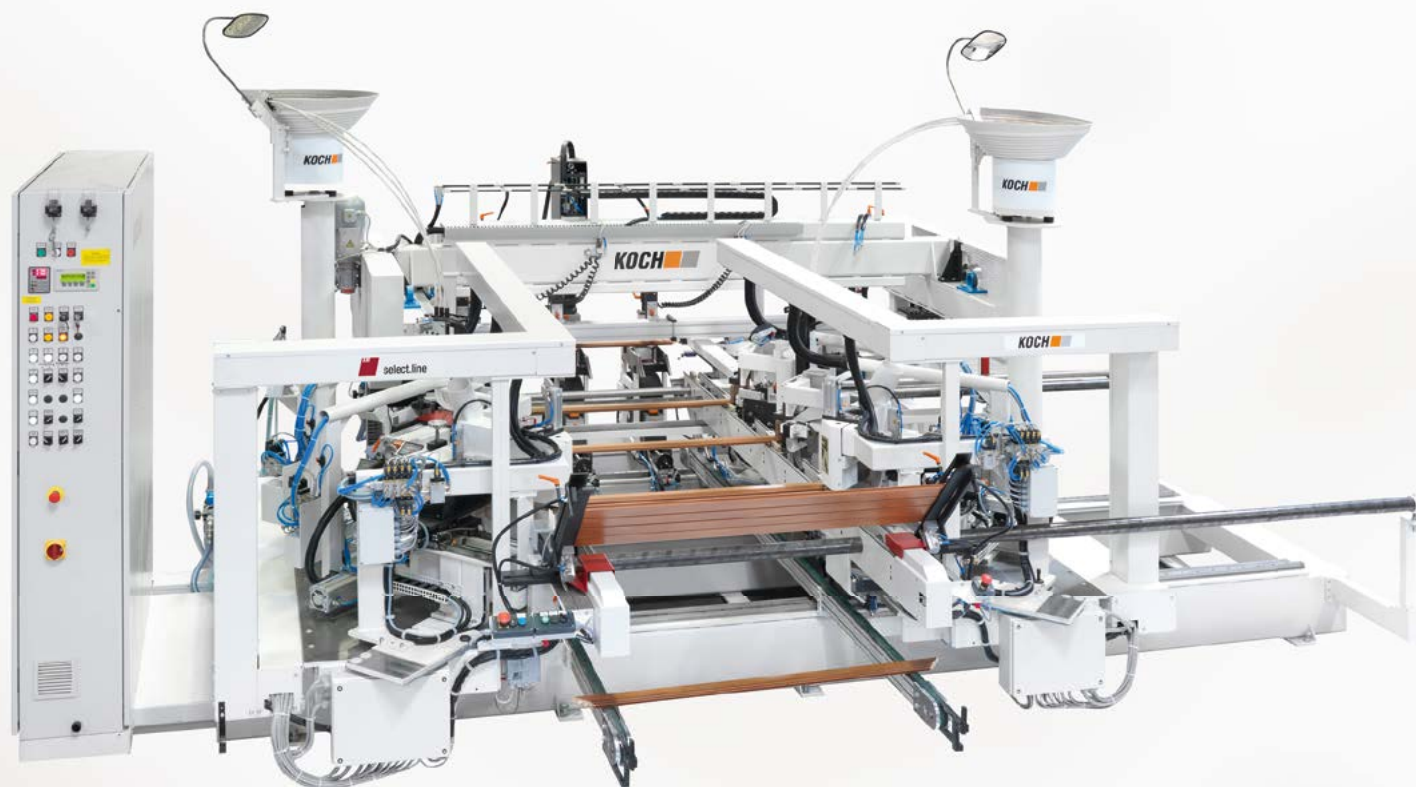


Long edge drilling



BD/SBD/SBFD select.line

Optional equipment



SBD-45
45° processing with inclined hopper for profiled, non-stackable workpieces



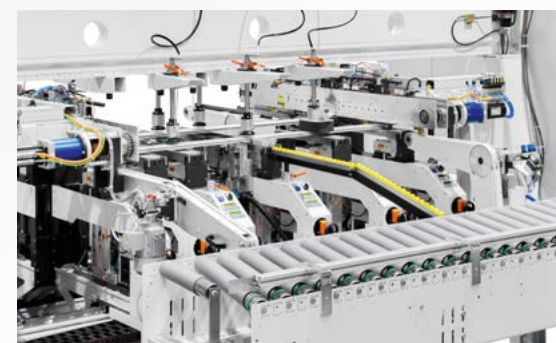
BD-60-A-NC
Drilling and dowel insertion stations for workpiece widths up to 600 mm, for example for cabinet components



BD
Double work stations for drilling and dowel insertion



SBD-45
45° processing



BD-Front
Vertical drilling units from below with semi-automatic positioning

BD/SBD/SBFD select.line machines can be equipped/combined with the following processing options as needed:

- + Trim sawing with optional saw blade clearing on return stroke
- + Trim sawing around workpiece perimeter
- + Horizontal drilling with optional blowing device to clean drilling holes
- + Vertical drilling from above and below
- + Long edge drilling
- + Dowel insertion for varying lengths and diameters
- + Vertical drilling at the edge
- + Notching
- + Routing



Hybrid machine featuring a combination of stationary and flexible (PTP) drilling heads



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