

CENTATEQ

P/E-510 / P-610

As individual as your needs.

A complete system for maximum performance.

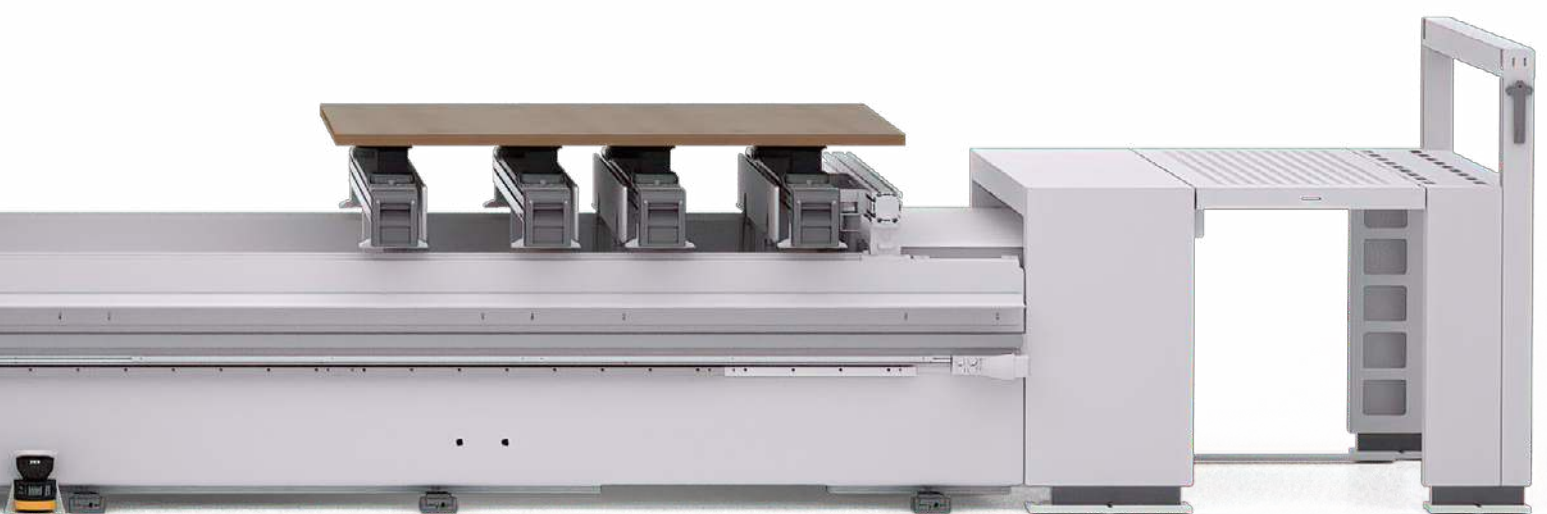


High Performance CNC Machining Centers with SORB TECH machine frame.

When you choose a HOMAG machine, you get a high-performance processing center for a wide range of tasks. Every machine is a complete system that always delivers

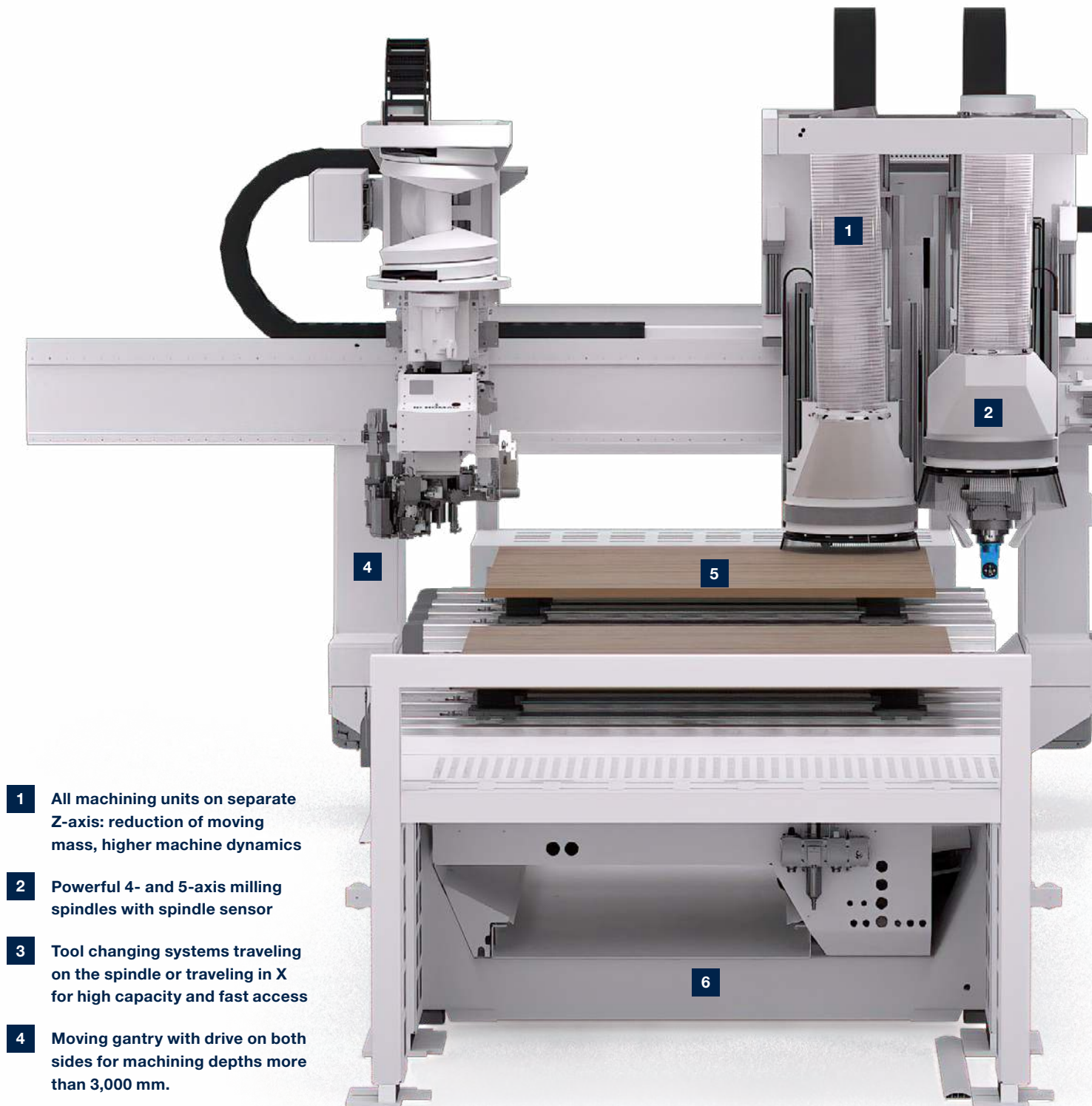
maximum performance and efficiency for individual production.





Scalable Performance

Up to three machining units can be built individually. For a fast tool change, for example by two milling spindles and a drilling head or by milling spindle, drilling head and edge banding unit.





The console table | clean and fast

The classic table with the dual-circuit vacuum system. The vacuum cups are infinitely variable in position and provide a free space for the use of tools as well as for the leftover pieces.

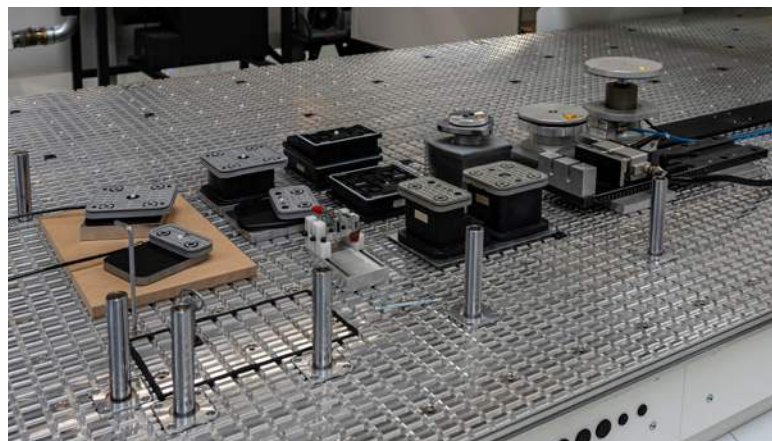


The A table | automatically in the right place

The program-controlled positioning of the consoles and clamping devices enables batch size 1 operation without manual intervention and allows workpieces to be moved apart after a cut-off.

5 The right table for every task. With it, you can fix workpieces securely and precisely.

6 Machine frame made of SORB TECH mineral composite material.



The grid Table | Versatile

Grooved aluminium grid table enables mounting of clamping devices and vacuum transmission through the table structure. Clamping devices with variable clamping heights for the use of aggregates or 5-axis machining.

Milling Spindles and tool Changing Systems

Controlled main spindles with vibration sensors to prevent damage to the milling spindles. Individually combinable tool changing systems are the basis for the flexible use of tools and aggregates, also for large saw blades or heavy aggregates.



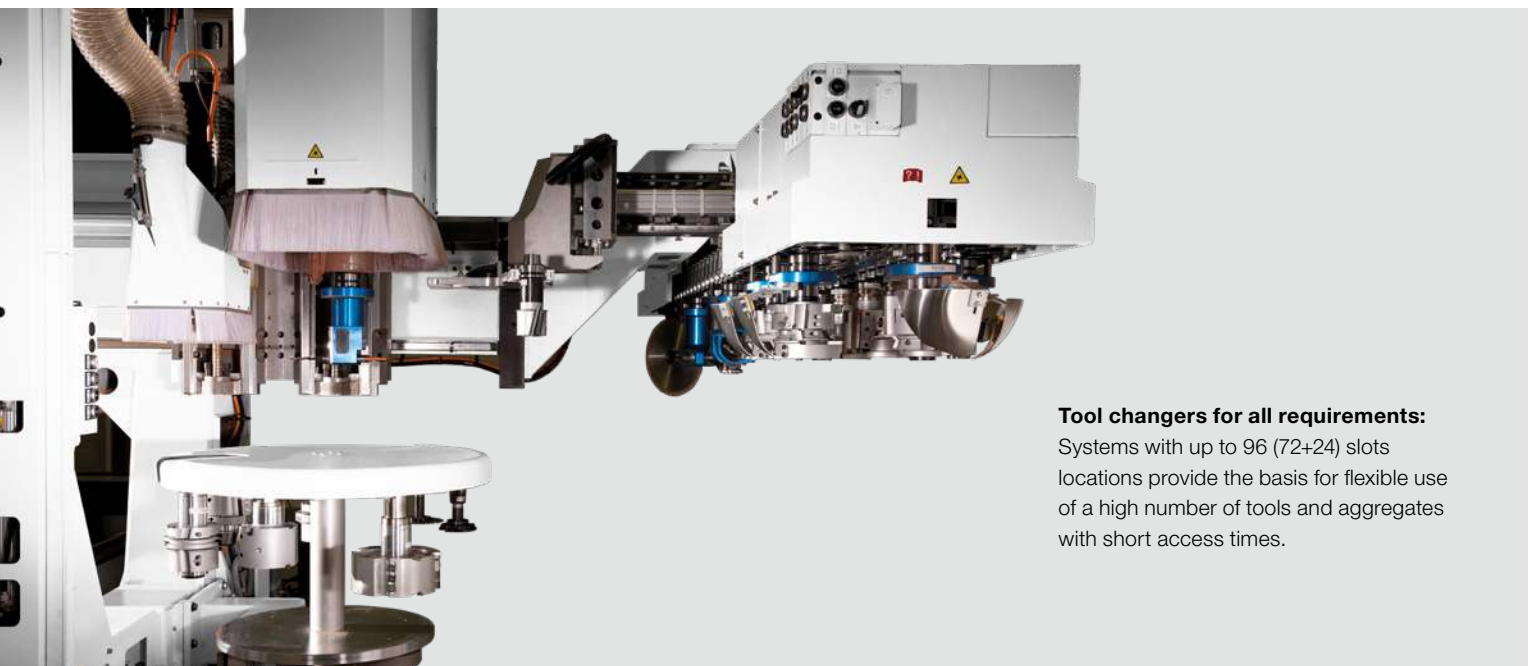
DRIVE5+ five-axis milling spindle:
Machining of parts with high part height thanks to the Cartesian arrangement, and high-performance milling thanks to the spindle, supported on both sides up to 18.5 kW.



DRIVE5C+ five-axis milling spindle:
Compact and powerful. The design also enables machining from the underside or with a narrow angle of attack.



4-axis milling spindle with aggregate interfaces
The aggregate interfaces open up practically unlimited manufacturing possibilities. With patented technologies, the range of tasks can be expanded at any time.



Tool changers for all requirements:
Systems with up to 96 (72+24) slots locations provide the basis for flexible use of a high number of tools and aggregates with short access times.

Drilling Systems and edge Banding Technology

High speed drilling technology with patented spindle clamping. Precise drilling, fast cycles, maintenance-free and durable design. powerEdge edge banding units: HOMAG aggregate technology is the result of over 2,000 processing centers for edge banding and the basis of a complete family of edge banding units for a wide range of applications.



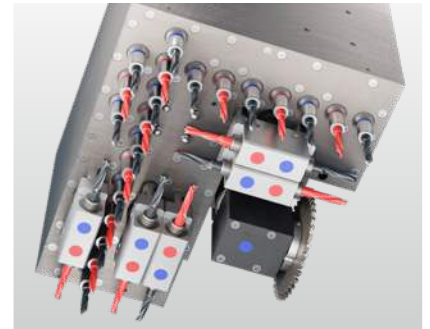
powerEdge Pro / Pro Duo

CNC edge banding on a new level. Optimized handling and simplified programming combined with innovations in aggregate technology and control.



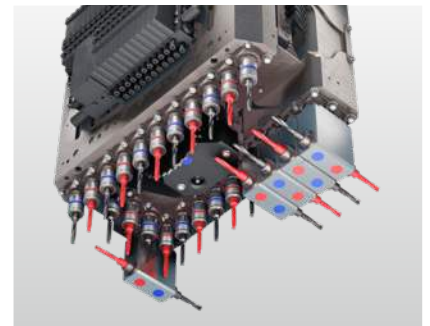
Attachment Units on the Boring Gear

Optional add-on units expand the function of the drilling gear: measuring probe, blow-off nozzle or an additional milling spindle.



Drill Block V12/V21/V36

- 12, 21 or 36 vertical boring spindles [High-Speed 7500]
- With grooving saw Ø 125 mm (0° / 90°) and horizontal drilling spindles, optionally with tool-free quick clamping of the drills or Weldon clamping



Multi Processing Unit (MPU)

The Multi Processing Unit can be rotated continuously through 360°. This means that both the saw and all 20 vertical and 10 horizontal spindles can be used at any angle. The optional add-on milling spindle saves tool change times and increases productivity.



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YOUR SOLUTION