

Create your individual perfect machine

HOMAG

Processing centres

CENTATEQ E-300

CENTATEQ P-300

YOUR SOLUTION





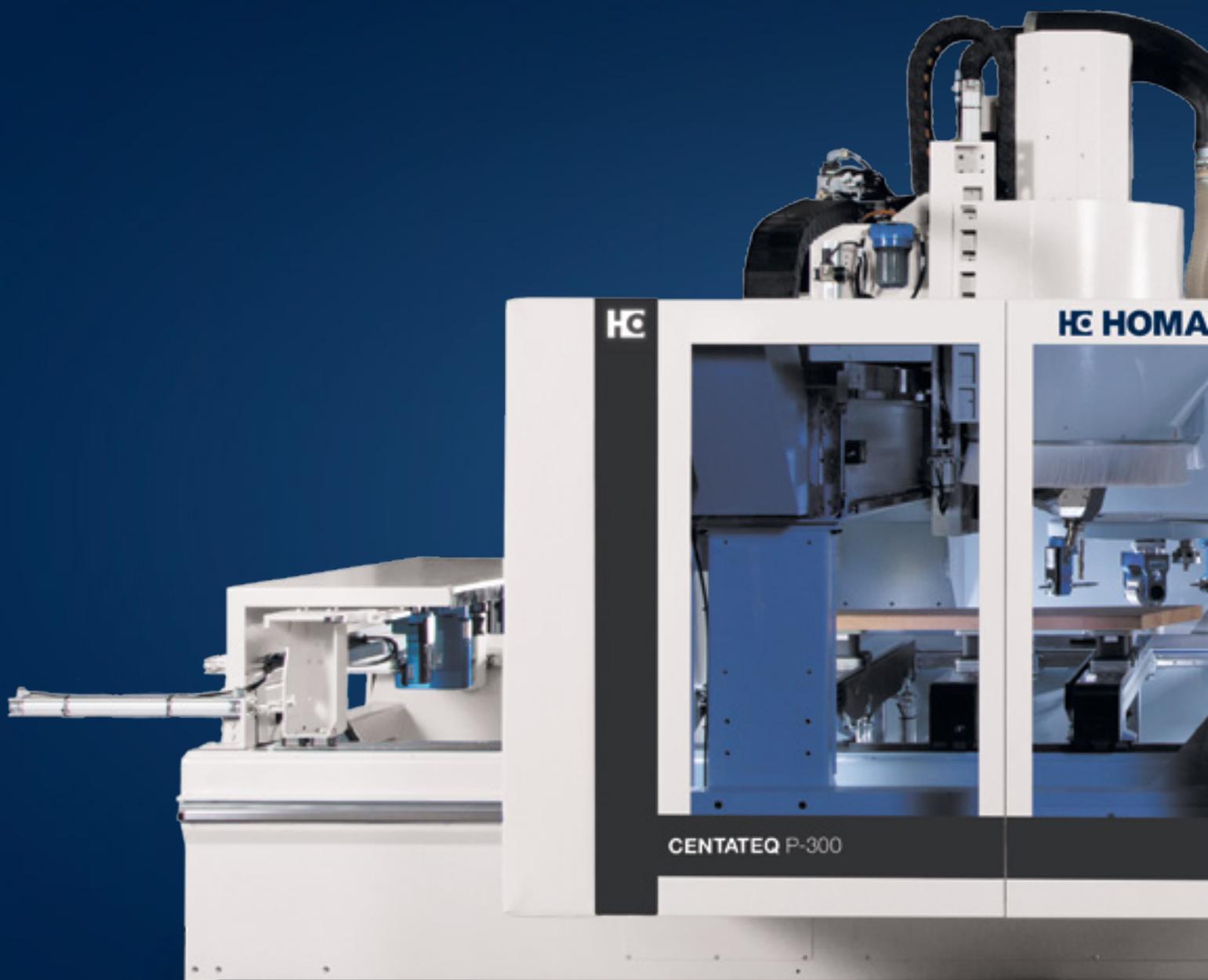
HOMAG: Productivity from the word go.

Anyone investing in new woodworking machines expects a solution to their specific production assignment. It has to be productive and flexible, and offer extreme availability. And also go on supplying perfect results for a long time to come. HOMAG processing centers offer superior technology and individual equipment for highly efficient production. Our service packages and global aftersales support ensure the availability of your plant or machine over its entire life cycle and offer outstanding investment security. Read more: www.homag.com



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HC

HC HOMAG

CENTATEQ P-300



Quality and innovation down to the last detail

Innovative solutions for every woodworking assignment. Superior technology right from the start. Every customer can benefit from HOMAG's rich fund of system expertise. Our processing centres are the culmination of decades of experience in mechanical and plant engineering. Identical

system components, standardized control engineering and ergonomic operation add up to increased productivity. State-of-the-art technologies for variable workpiece shapes at a high standard of quality.



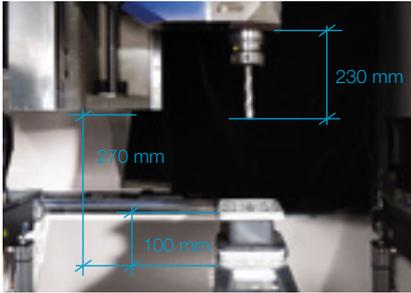
1 Simple top-up with hot-melt glue – even with the door closed

2 Optimum access to the processing units through a large door

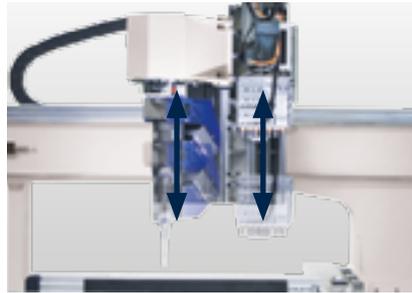
3 Maximum visual access to the machine during processing operations, large viewing window affords optimum protection for operators

4 Convenient, rapid insertion and exchange of edging materials from the front

5 Heavy-duty machine frame made from a heavy steel welded construction and stable moving gantry design



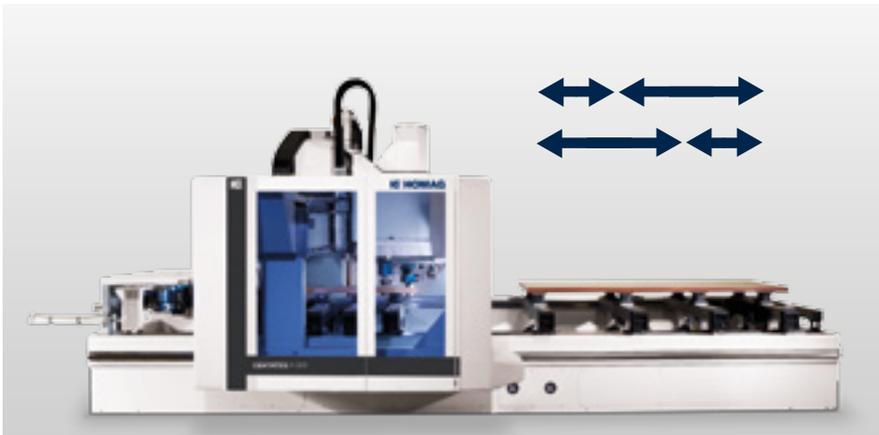
Processing height: Processing height 270 mm from the upper edge of the console, also when using units or long tools.



Two separate Z axes: Two separate Z axes for drilling head and routing spindle permit rapid alternating of drilling head and routing spindle application. A drive system moves only one unit over the entire axis length. Processing height 270 mm from the upper edge of the console, also when using units or long tools.



Rack and pinion drive: The highly dynamic low-vibration rack and pinion drive systems in the X and Y direction ensure fast processing cycles and result in higher workpiece quality.



Dynamic alternating field size: Bumper safety technology allows a dynamic alternating field size without fixed field allocation. This means that when processing longer parts on one side of the machine, it is still possible to prepare and position a shorter part on the other side.



Covered linear guides: Covered linear guides with closed guide carriage and integrated central lubrication of all axes. Closed energy chains to protect against damage to cables and hoses.



Switch cabinet with powerTouch operator terminal: Central switch cabinet with height-adjustable Full-HD Multitouch Display, USV for protection against data loss, Backup-Manager for data backup and network connection. Light at the switch cabinet for status display.



Energy efficiency built in: Effective suction with low connecting power through optimized collection and removal of chips. Reduced consumption of electricity through Stand-by operation of all performance components by pushing a button or automatically by time interval. Reduced air consumption through optimized pneumatic components.



CENTATEQ P-300: Processing center with five axis spindle for universal processing in joinery and general woodworking



CENTATEQ P-300: Processing center with aluminium matrix table for processing of technical components, shaped parts and Nesting



CENTATEQ E-300: Processing center for edge banding of shaped parts with automatic table



CENTATEQ P-300: Processing centre with 3-step clamping system for window manufacturing

As individual as your requirements

Deciding in favour of a HOMAG machine means investing in a highly efficient processing centre with the capability to fulfil wide-ranging different manufacturing requirements. Each machine is a complete system guaranteeing maximum output and efficiency every time – no matter how individual your production requirements are.

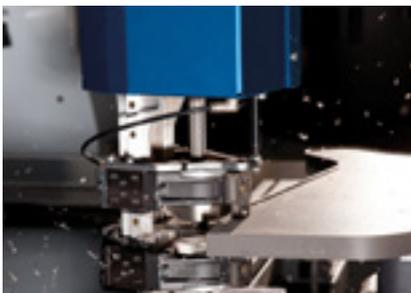
EDGE BANDING



360° edge banding with the powerEdge edge banding unit



Gluing unit easyEdge for efficient banding onto shaped components



Perfect edge finish with traced combination flush trimming / scraping unit

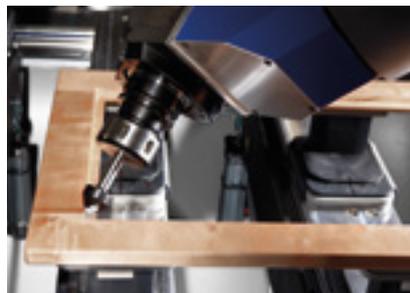
DRILLING & TRIMMING



High-speed drilling technology with grooving saw



Chamfer trimming on a table top

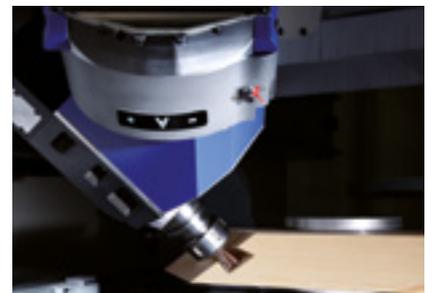


Square corner routing for a glass rebate

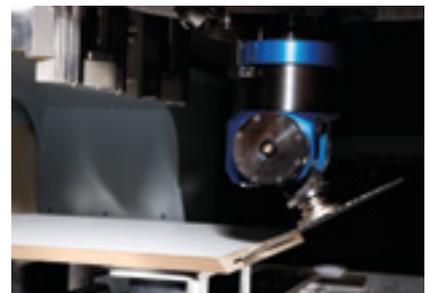
CUTTING TO LENGTH & CONNECTING



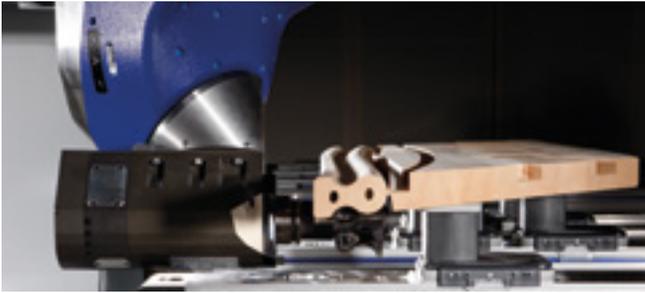
Mitre cut with high cutting depth for frames



Routing of a dovetail joint for upright / transom constructions



Trimming of inclined grooves for panel connection

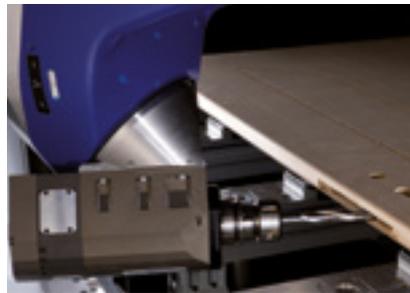


PROCESSING WINDOW COMPONENTS



Processing arched components

PROCESSING DOORS



Lock case routing

PROCESSING STAIRS



Routing of a stair hand rail



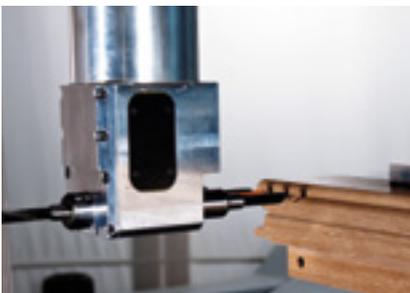
Clamping and profiling frame components



Step drilling for drill-in hinges



Holes for piling at narrow angles



Precise-fitting corner dowel connections



Precise, splinter-free miter cuts

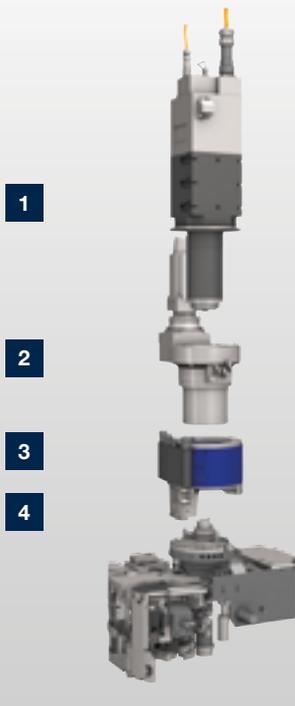


Dividing cuts up to 110 mm in height

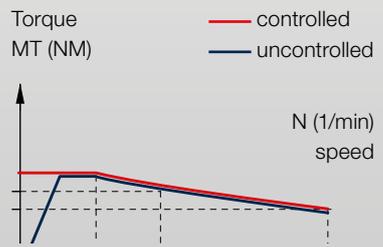
Trimming spindles

Our working spindle technology sets whole new standards, enhancing both the performance and flexibility of our machines. For instance the enormous benefit of a controlled working spindle with electronic speed monitoring. Other

highlights include the vibration sensors for preventing damage to the trimming spindles, the sensoFlex tracing system and five-axis technology. Select your spindle to suit the needs of your present and future product spectrum.



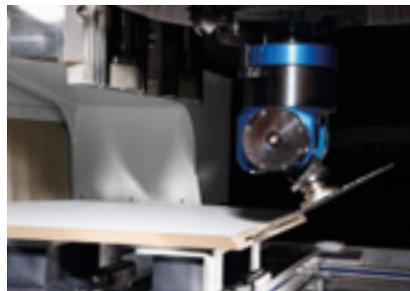
- 1 AC motor with fluid cooling**
- 2 Interpolating C axis**
- 3 E interface**
- 4 FLEX5(+) interface**



4-axis trimming spindle with unit interfaces: The unit interfaces open up practically unlimited production scope. Using patented technologies, the assignment spectrum can be extended at any time.



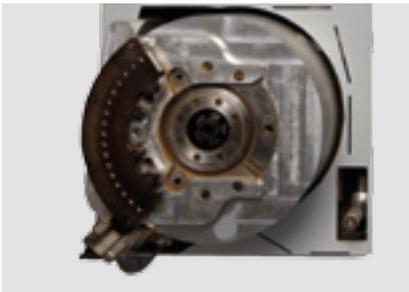
Five-axis trimming spindle: Compact DRIVE5C/+ five-axis spindle with 10 kW output (optionally 12 or 15 kW) and a controlled spindle speed of 0 to 24,000 rpm for high torque even at low speeds.



Sawing, trimming, drilling at any angle: FLEX5+ unit with automatic angle adjustment and automatic tool change. A unique unit for 4-axis spindles which covers over 90% of five-axis applications.



sensoflex tracing system: Perfect workpiece quality – the traced spindle compensates for unevenness and unwanted tolerances. Tracing facility for different tools ensures complete flexibility



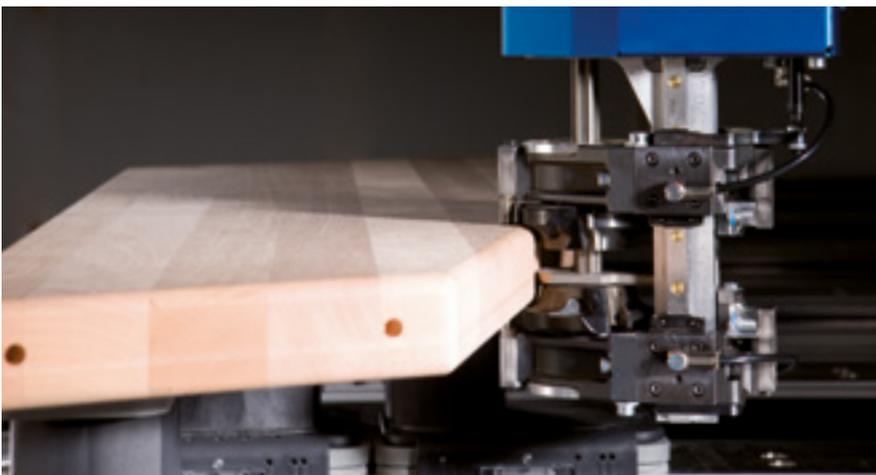
Electronic interface: Patented technologies such as the electronic interface offer scope for upgrading the application spectrum of your processing centre: This also includes the use of edge banding units. The control signals and necessary energy, for example to melt the glue, are transmitted to the unit.



Fluid cooling and spindle sensor: Fluid-cooled trimming spindles with hybrid bearings offer a long service life. An additional vibration sensor detects tool imbalance and protects the spindle from overload, for instance due to excessively high feed rates.



Minimum quantity lubrication: Machining of aluminium with minimum quantity lubrication through the unit or by means of an external spray pipe at the spindle for maximum care of tools.

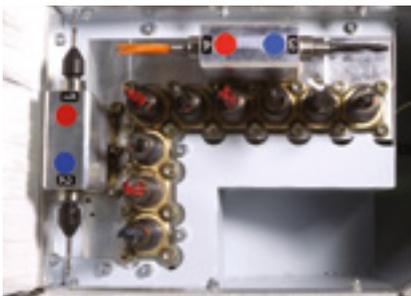


Tool and unit interface with pneumatic: The patented interface with threefold support and pneumatic at all C-axes and five-axis-heads opens up practically unlimited production scope in conjunction with the HOMAG unit technology. Example: three side traced flush trimming unit for precise rounding top and bottom independent of thickness tolerances.

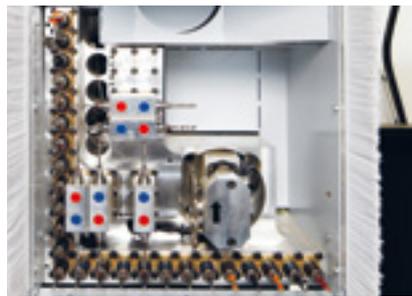
Drilling systems to the highest standard

High-speed drilling technology, patented clamping of the spindle and quick-change system for tools. Precise drilling,

fast cycle speeds, maintenance-free and durable design.



Drilling head V9/H4: HIGH-SPEED drilling head up to 7500 rpm with 9 vertical spindles and 2 horizontal spindles in the X direction and 2 in the Y direction



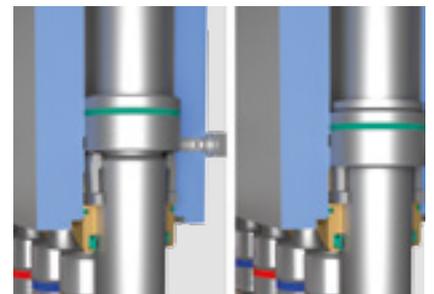
Drilling head V25/H10: HIGH-SPEED drilling head up to 7500 rpm with 25 vertical spindles, 6 horizontal spindles in the X direction and 4 in the Y direction including grooving in the X direction.



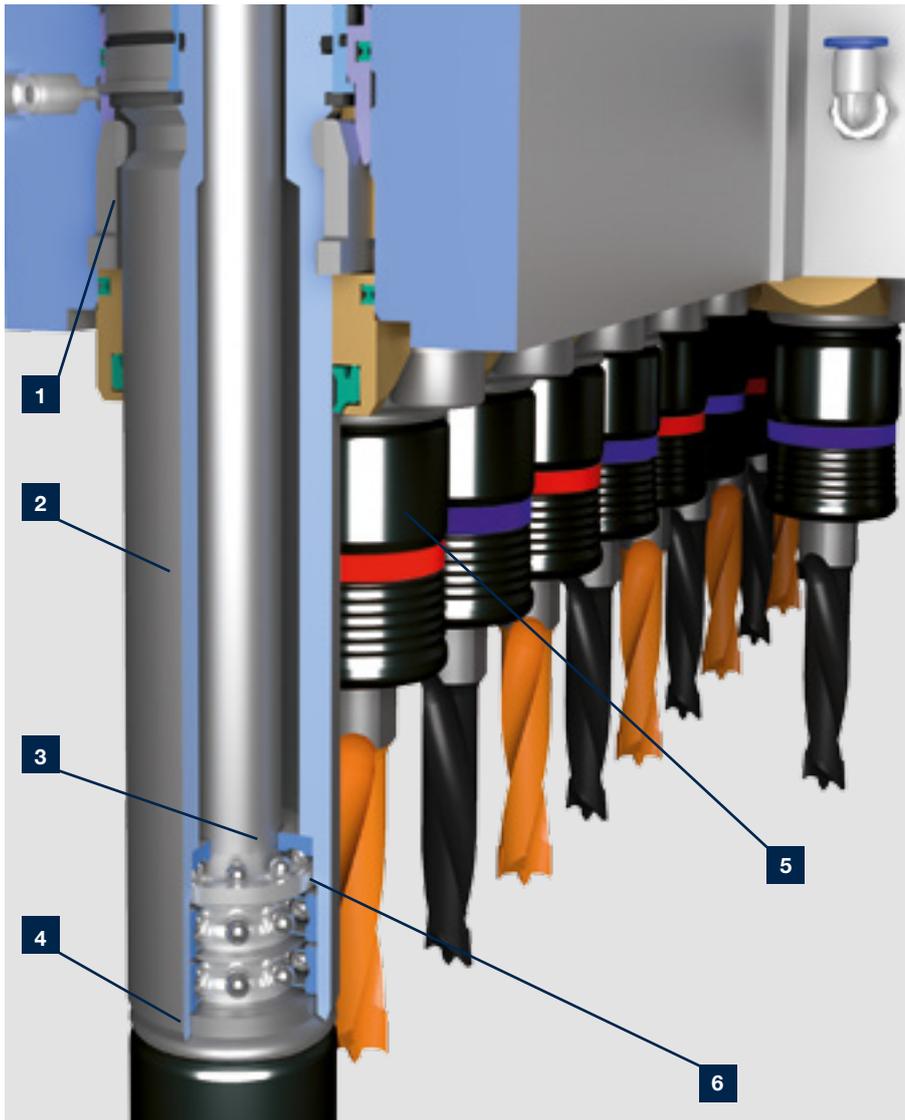
Drilling head V17/H4: HIGH-SPEED drilling head up to 7500 rpm with 17 vertical spindles, grooving saw and 4 horizontal spindles with 0/90° swivel facility. Fast drilling including grooving in the X/Y direction.



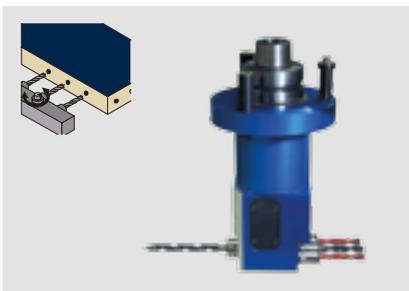
Drilling head V12/H4: HIGH-SPEED drilling head up to 7500 rpm with 12 vertical spindles, grooving saw and 4 horizontal spindles with 0/90° swivel facility. Fast drilling including grooving in the X/Y direction.



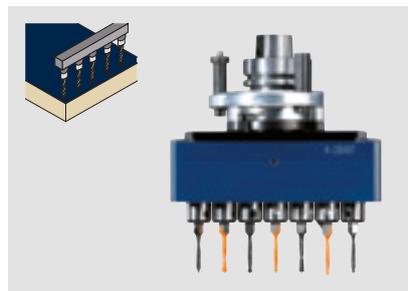
Drilling head with spindle locking mechanism: Automatic spindle locking mechanism: Patented system for precise drilling depth every time even with different materials. With speeds ranging from 1 500–7 500 rpm for high feed rates / short drilling cycles (appr. 1.5 sec.).



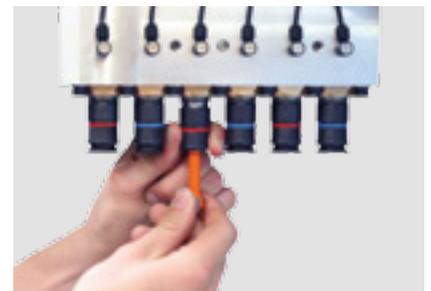
- 1** Spindle lock for accurate drilling depth
- 2** Double-acting cylinder: Forward and return stroke of the spindle with pneumatics
- 3** Large diameter spindle sleeve with short and constant distance between the centre of drill bit and bearing. High side stability and high precision
- 4** Vertical sleeve: The vertical drill sleeve is installed, the drilling spindle is housed in the sleeve
- 5** Quick change system for drill bits without the need to use tools
- 6** Separate axial bearing to absorb the direct drilling forces



Drilling unit 3+1 spindles: The dowelled corner connection has become an ever more established technique in the window production sector. Alongside sash bar and transom boreholes, this unit can also be used for the efficient production of corner connections with different drilling patterns using three boreholes in a single cycle (spacing pattern 20 mm or 32 mm).



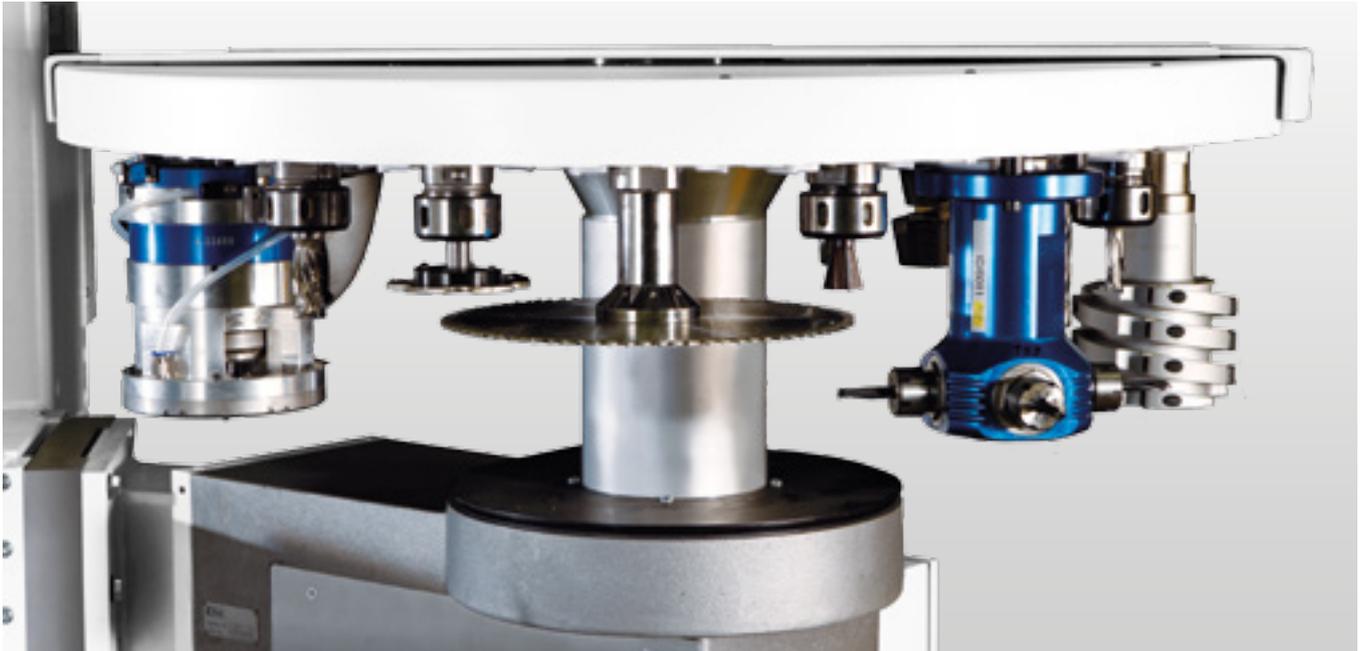
Drilling head, 7 spindles in a 25 mm spacing pattern: Specifically for the office furniture sector, 7 holes can be drilled simultaneously at any angle. As an addition to the drilling head with popular 32 mm spacing pattern, a high degree of flexibility is achieved with minimal production times. On request, other distances and drill bit numbers are possible, for example for cup hinge hardware drilling in a single work process.



Quick-change system: Patented quick-change system for drill bit changeover without tools to reduce set-up times.

Tool changer systems

Simple flexibility. All neatly stored away for quick access. Tool changers provide the basis for the flexible deployment of tools and units, also for large saw blades or heavy processing tools.



14-/ 18- slot plate changer: For 14 or 18 tools and units with a diameter of up to 200 mm. A saw blade with a diameter of up to 350 mm can be accommodated in the changer.



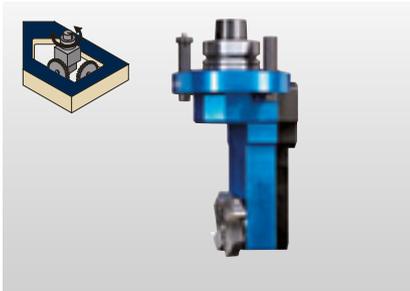
Side tool changer: Additional tool change magazine with 18 slots, laterally mounted.



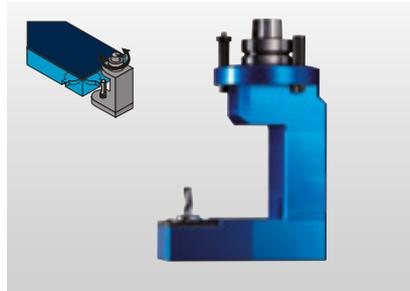
Linear changer: Additional tool change magazine, with 8/9 slots and integrated tool transfer station, laterally mounted. The magazine also accommodates the pickup station for the optional easyEdge unit.

Units

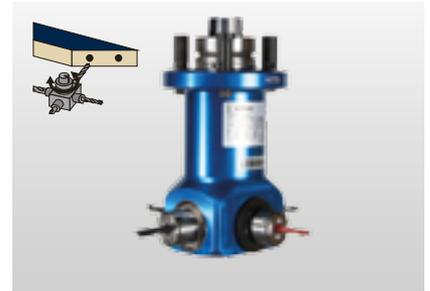
Excellent processing quality and top marks in terms of speed. HOMAG processing units make available a range of innovative technologies. They can be combined and coordinated precisely to address your own specific application situation. Even special, non-standard assignments are reliably and efficiently processed.



Corner notching unit: For the production of right-angled, splinter-free, sharp-edged recesses, for example for efficient processing of door glazing cutouts, sink cutouts in kitchen worktops.



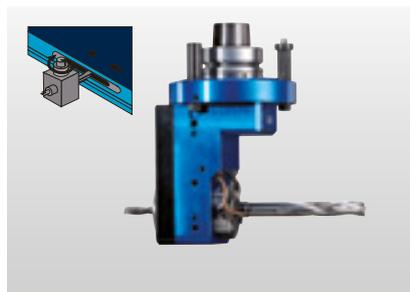
Underside trimming unit: For trimming and drilling the underside of workpieces, e.g. recesses for kitchen worktop connectors or hardware holes in the edge area without the need to flip the workpiece. The maximum distance to the workpiece edge is 110 mm and the maximum tool projection is 30 mm.



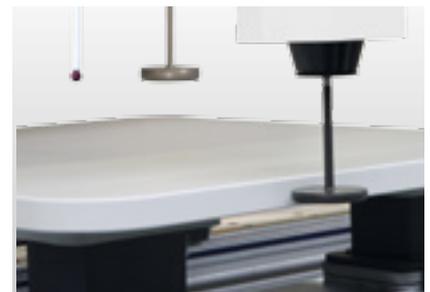
2+2-spindle drilling/trimming unit: The 4-sided spindle outlet makes available four different drilling and trimming tools without tool change. Continuous shaft for greater rigidity and processing without change of direction when using clockwise and counterclockwise rotating tools, e.g. when trimming out recesses for door hinges.



Vertically traced trimming unit: By means of a tracing ring with dia. 70 mm / dia. 130 mm, or tracing pad, it is possible to perform operations such as pocket trimming in precise relation to the workpiece surface. When connecting kitchen worktops, tracing guarantees an offset-free transition by precise trimming of grooves for the tongue and groove joint.



Lock case trimming unit with 2 toolholders: For trimming operation such as lock cases and lock face plates in doors, with integrated air jet for optimum chip discharge. The unit has a two-sided spindle outlet for two tools with a maximum useful length of 135 mm / 35 mm.



Measurement probe: Tracing system to determine the actual X, Y and Z axis measurement of relevance for processing with automatic correction offset in the processing program.

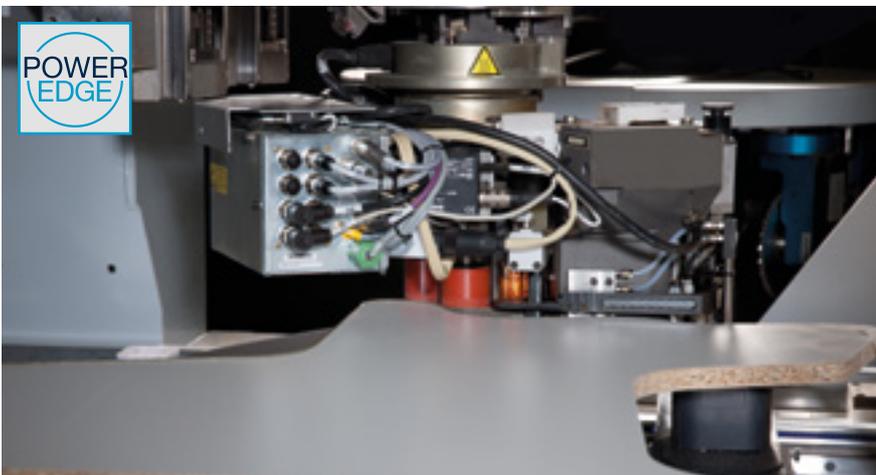
Innovative edge banding technology for all

HOMAG processing centers are ideally prepared for the use of ultra-modern edge banding technologies. The edge banding units are offered in a variety of performance categories and can be ideally coordinated to address your

individual production requirements. Their patented electronic interface makes them easy to operate and ensures optimum control precision.



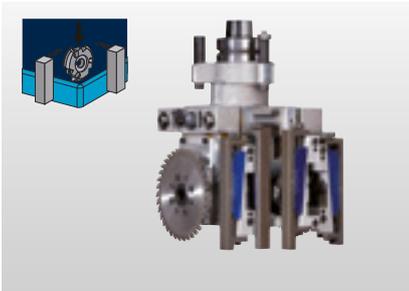
easyEdge and DRIVE5C+: The perfect combination of edge gluing and high-performance 5-axis processing. The DRIVE5C+ spindle engages the easyEdge unit directly from the pickup station in the lateral linear changer, the edging material is fed in – done.



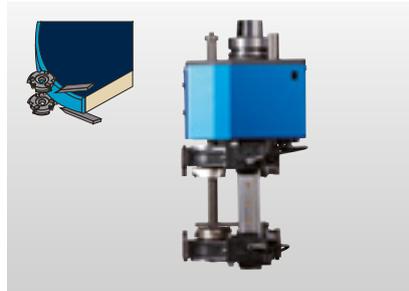
powerEdge edge banding unit: The powerEdge edge banding unit is the culmination of experience gathered from over 2,000 processing centres for edge banding and forms the basis for a complete family of edge banding units to cover a wide variety of applications. Using the electronic interface, additional energy is transmitted for heating, as well as control signals for high-precision, automatic butt joint edge banding. The interface offers the unique flexibility needed to use even different edge banding units on a single processing centre, or to use the processing centre for other tasks during maintenance of the edge banding unit.



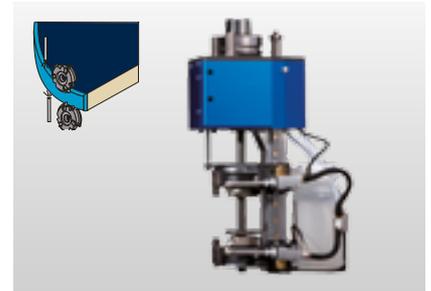
easyEdge edge banding unit: The world's smallest edge banding machine – affordable, simple, efficient. The universal solution for edging small workpiece quantities with veneer edges, ABS edges, PP edges, melamine edges and thin PVC edges. In conjunction with a manual snipping unit, it is even possible to perform 360° butt joint edge banding in craftsmanship quality.



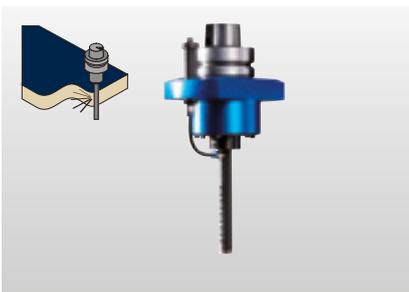
Combined snipping and corner rounding unit: Already edged rectangular workpieces are often finish processed on a processing centre, for instance to produce bevells or rounded contours. For finish processing, this patented unit provides, alongside traced cross-cutting of overhanging edges, also precise corner rounding of edges up to a thickness of 3 mm at a 90° workpiece corner.



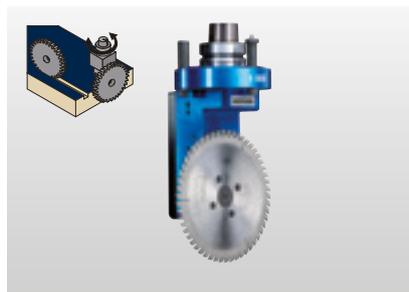
Combined flush trimming - scraper blade unit: Combination unit for flush trimming the edge overhang and for scraper blade finishing. This removes cutter marks and other unevenness on the edge profile. Three-sided unit tracing compensates for workpiece and edge tolerances and guarantees a high standard of processing quality. The unit is available for workpiece thicknesses of 60 mm and 100 mm.



Flush trimming unit with separating agent: Separating agent application during flush trimming reduces the amount of glue residues on the workpiece and often eliminates the need for scraping the glue joint with a glue joint scraper blade unit (depending on the glue and edging type and on the quality expectations). (Two versions are available for workpiece thicknesses 60 mm and 100 mm.)



Air jet nozzle: For cleaning the trimmed edges of dust and chips, ensuring optimum quality of the glue joint when edge banding.



Sawing and snipping unit: The position of the saw blade in the centre of the C axis permits special high-precision snipping cuts to be performed during edge banding. All other sawing operations can naturally be performed up to a cutting depth of 65 mm.

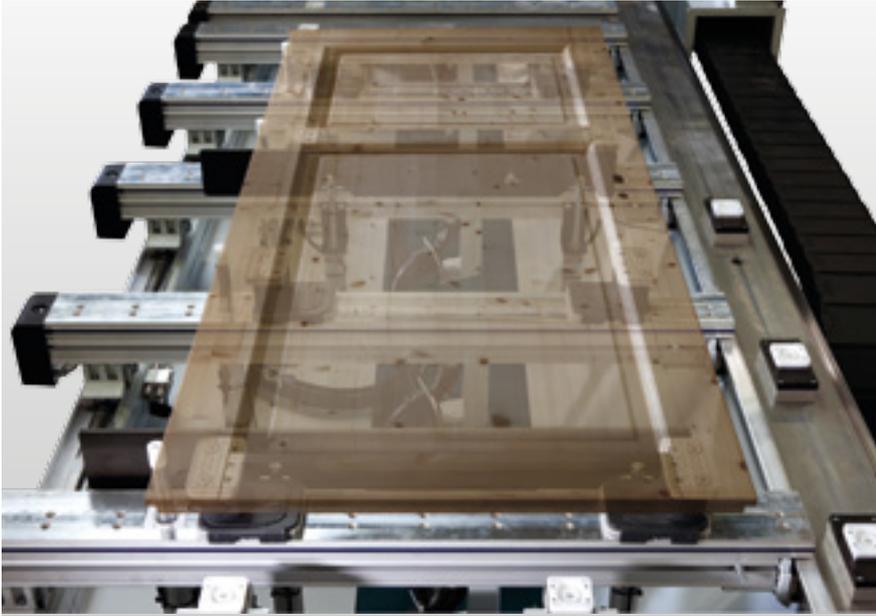


Horizontally traced trimming unit: By means of a tracing roller, horizontal trimming operations are performed precisely relative to the workpiece surface, e.g. during flush trimming of overhanging edges on the postforming profiles of a kitchen worktop. The diameter of the tracing roller and trimming tool are coordinated, generally to 20 mm.

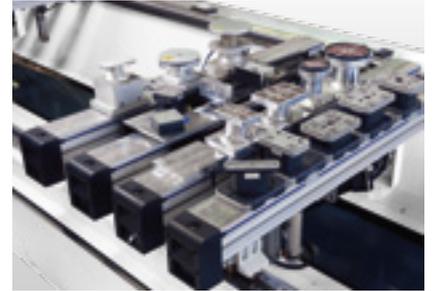
Clean, fast: the console table

The classic with the dual-circuit vacuum system: Easy, practical and fast: Through the patented system of the magnetic valves the vacuum cup and other clamping devices can be put on the console in any number and on any position. Not used suction points do not need to be

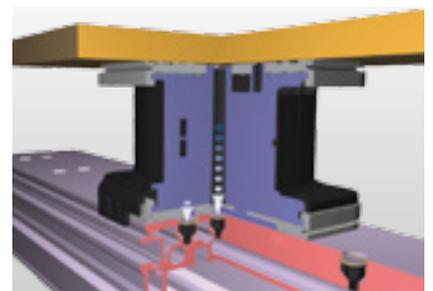
covered. Unified height for all clamping devices allow to combine them among themselves. The K-table is the ideal solution, if flexibility, secure clamping of different parts and fast exchange are required.



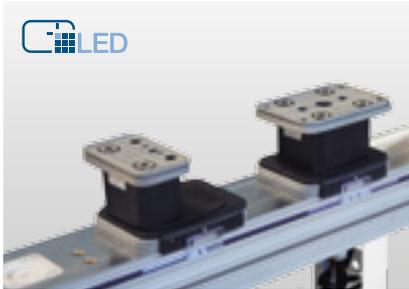
Linear guide and insertion aid: Simple handling by consoles with high-precision linear guides and durable insertion aids with two pneumatic cylinders. Vacuum and compressed air connections are integrated in the consoles for pneumatic clamps and clamping templates.



Bolts with end position scanning and for laminate overhang: Stop bolts with end position monitoring to protect tools, units and machine operating staff. Exchangeable stops specifically for workpieces with laminate overhang.



Dual circuit vacuum system: Exclusive vacuum clamping technology with patented double sealing lip for the stepless displacement of clamps along the console. The first clamping circuit fixes the clamps in the console and prevents unwanted displacement. The second then holds the material firmly in position.



LED-System: both the fastest and safest positioning system for consoles and clamping elements (patented).



Suction cups are displayed using a laser beam (cross hairs). The workpiece contour can be “travelled” as a positioning aid for freeform part.



Laser projection of the clamps and the workpiece contour for optimum utilization and simple positioning of raw parts which cannot be aligned at the stops.



powerClamp: Manual clamping fixture powerClamp for straight and curved parts. Ideal for all arched, narrow and frame parts.



Clamping device: Uprights and staves can be securely clamped in no time using this clamping device.



3-step clamp: Highly rigid 3-step clamps with extreme clamping height for precise complete processing of window and front door components without subsequent outside moulding and profiling.



Multiclamp for dual circuit vacuum system: Vacuum actuated clamping element for clamping strips and staves



Matrix adapter plate: Highly flexible clamping systems offer secure fixture even when working with filigree workpieces. The matrix adapter panel even permits shaped components to be “cut to size” with optimized cutting waste on a console table machine using the nesting process.



Vacuum clamps made of aluminum: Vacuum clamp in aluminium with additional mechanical clamping operation at the console for engaging solid wood parts. The suction plate can be rotated and also exchanged, and is lined with emery cloth.

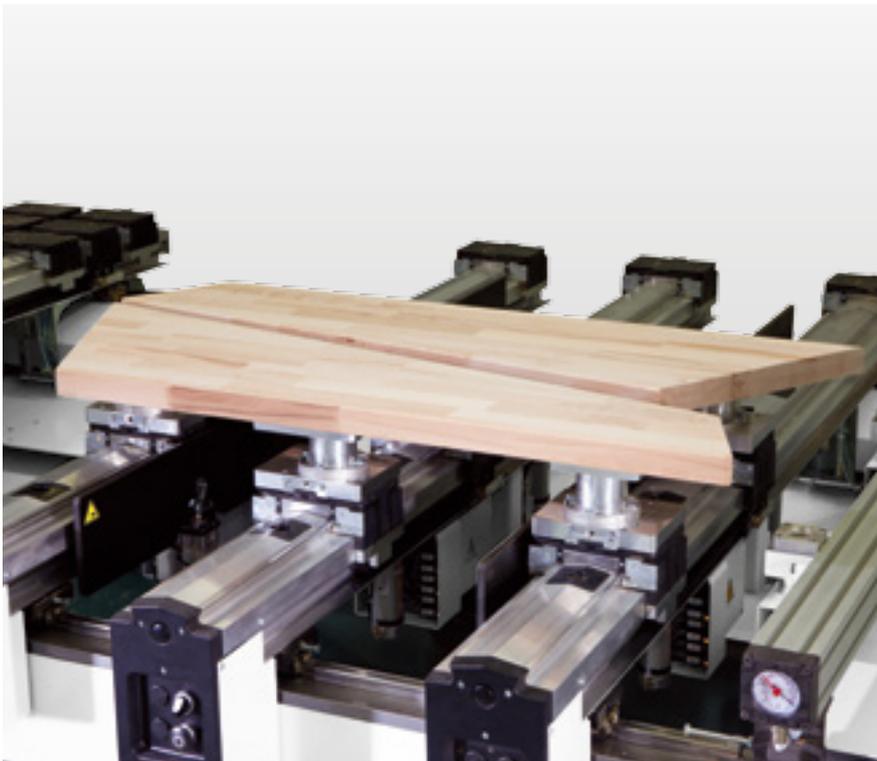
Automatically in the right position: The A table

The A table is the key to greater convenience and automation. The program-controlled positioning of consoles and clamping elements allows batch size 1 operation without

manual intervention and allows workpieces to be moved apart after the execution of a dividing cut.



powerClamp: powerClamp clamping fixture for straight and curved parts. Ideal for all arched, narrow and frame parts. Also with automatic reclamping for 5-sided processing.



movePart: The clamps move apart automatically in the program sequence after separation for complete processing.

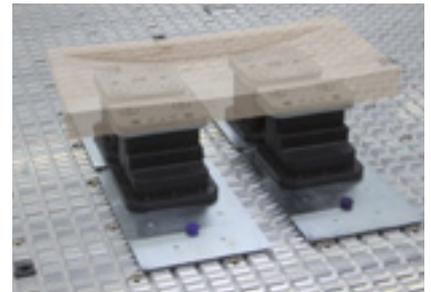
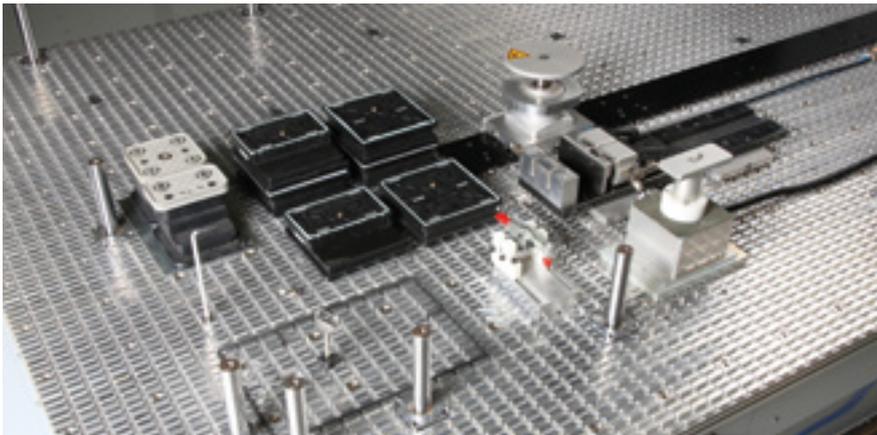


Clamping device: Uprights and staves can be securely clamped in no time using this clamping device.

Versatile application: the matrix table

The grooved aluminium matrix table permits the positive locking of clamping elements and consequently reliable workpiece fixture even where high hogging forces are involved. The transmission of vacuum through the table construction optimizes distribution of the vacuum, reduces

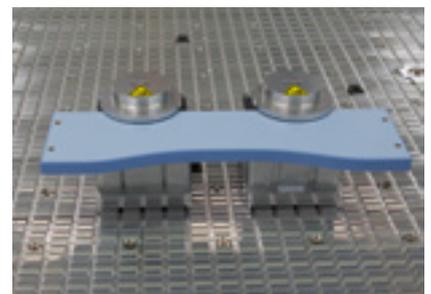
leaks and transmission losses and does away with the need for complex installations. Using different clamps with variable clamping heights, the matrix table is also suitable for the use of units.



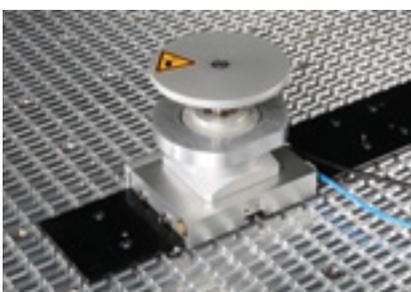
Maxi-Flex system: Freely equippable system base plate for vacuum clamp.



Vacuum grid table with air cushion function: The vacuum transmission is integrated in the design of the aluminium grid table. Division into zones and efficient vacuum pumps ensure reliable clamping, even for nesting processes with underlay panels. The air cushion function makes light work of handling large-format panel-shaped workpieces.



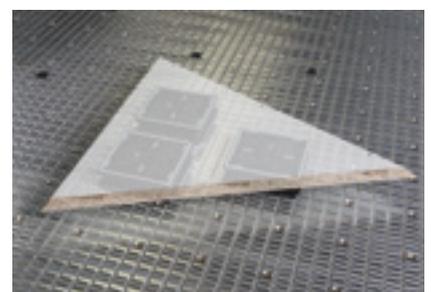
Multiclamp: Vacuum actuated clamping element for clamping strips and staves.



Rail for powerClamp clamping elements: Rail for fixture of the powerClamp clamping elements from the K table range for pneumatic clamping of wooden staves, arch parts or stacks of panels. Mechanical fixture of the rail in the system groove is possible in both directions on the table. Alignment of the clamping elements with stop pins.



Fixture using non-standard clamps: The aluminium grid table with dovetail guides guarantees precise, positive fitting clamping element fixture.



Better the automatic way: Made to measure manufacturing solutions

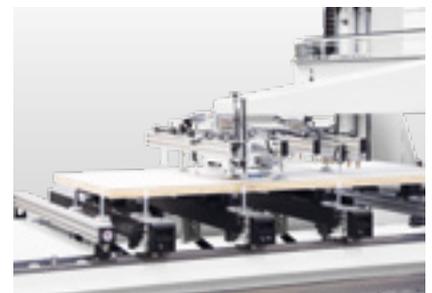
Using intelligent solutions, we turn CNC processing centres into complete production cells with automatic material handling and specific supplementary functions. This is how to make optimum use of your machine and achieve maximum output. All these benefits are made possible using innovative system technology based on long years of experience in the construction of complex plants of all different sizes all over the world.



TBA feeder attachment: Simple, space-saving entry into the world of automation with the TBA feeder attachment mounted laterally at the machine. Reliable handling, precise positioning and integrated workpiece cleaning. Extreme operating and programming simplicity through direct use of the woodWOP processing program.



Gripper technology with a system: Integrated sensor functionality prevents errors as a result of adhering parts, while monitoring that workpieces are correctly picked up.



Alignment against stops: Articulated suction grippers permit precise positioning of workpieces against the stops on the machine table.



Robot handling systems: Unlimited workpiece handling with different layer patterns, storage positions, alignment and flipping. Supplementary functions such as labeling, position measurement or cleaning can be simply integrated.



Alignment, validation and turning over: Free robot movement in up to 6 axes permits additional functions to be simply integrated into the process (e. g. turn over function for processing on both sides).



Cell control and visualization: For reliable, efficient cell operation, in particular with batch size 1 production, HOMAG offers a simple, intuitively operated user interface for visualization and control of the entire cell.



Handling automation: safe, material friendly and economical.

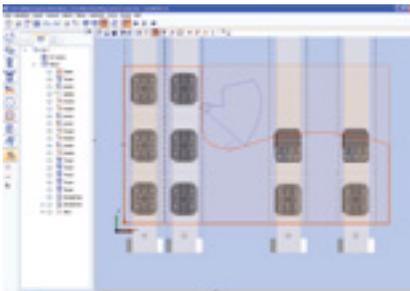
HOMAG software:

The basis for simple, efficient operation

Our processing centres are one thing – the software needed for their convenient, simple operation day in, day out is another. This is why HOMAG software guarantees extreme flexibility and operating reliability. A matter of course at HOMAG: interfaces to external programming and design systems, help programs for interleaving and modules to help you monitor your machine and track its performance. powerTouch is the latest operating philosophy of the HOMAG. It combines design and function to create a completely new control generation. The new system is characterized by the full HD multitouch monitor, ergonomic touch operation, simple navigation and the standardized user interface.

WOODWOP - STREAMLINED OPERATIONS THROUGH FAST PROGRAMMING

- **Fast, intuitive operation based on simple, direct navigation**
- **Free use of variables for flexible variant programming**
- **Fast creation of your own subroutines**
- **More programming reliability with 3D graphics of workpiece, processing operations and clamps**
- **High degree of operating convenience due to freely configurable windows, multiscreen capability, language-neutral input screens, help graphics and much more**
- **Biggest forum for CNC programming in the Internet: www.forum.homag.com**



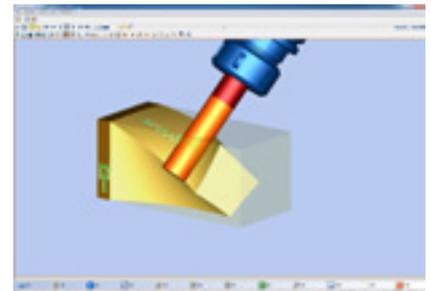
woodWOP Wizard – your automatic route to the perfect edge

- Automatic generation of the complete processing sequence for edging
- Generation of all processing steps such as rough trimming, jointing trimming, edging, snipping, flush trimming and scraping
- Takes into consideration workpiece geometry, edge transitions and edge type
- Time savings of over 90 % compared to conventional programming



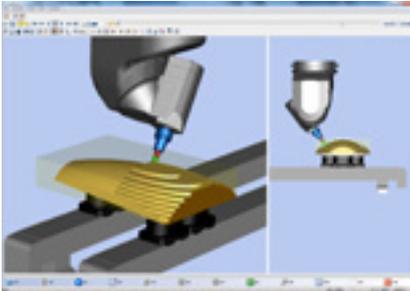
collisionControl – Permanent safety for your machine

- Monitors possible collisions between machine components and clamps during processing
- Automatic machine stop in the event of an impending crash situation
- Display of the crash situation in the form of a snapshot with collision bodies shown up in colour
- Depiction of the machine as a moving 3D model in live operation



woodWOP CAM-Plugin

- CAD/CAM functions integrated directly in woodWOP
- Fast constructing of 3 surfaces in CAD-Plugin or through import of 3D models
- Automatic generation of tool paths for roughing, smoothing and sizing of 3D objects
- Safe working as the tool paths and travelling ways are graphically indicated and simulated in woodWOP



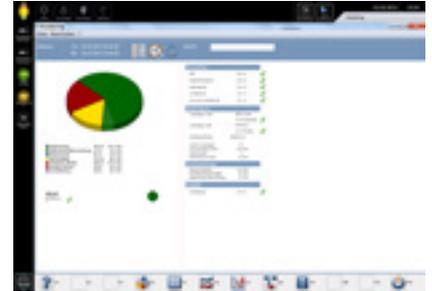
woodMotion - processing program simulation

- Graphic simulation of the CNC program at the office PC
- Reduction of machine running-in time due to optimum program preparation
- Simulation of 5-axis processing including material removal
- Display of real processing time
- Collision monitoring between the tool and clamping elements



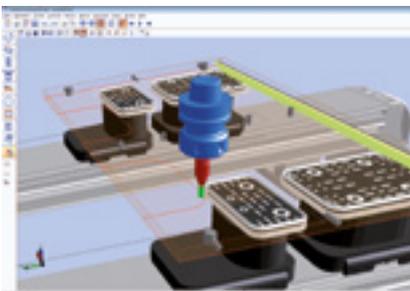
woodScout - help in your own language

- Optional high-performance diagnostic system
- Graphic display of the fault location at the machine
- Clearly understandable plain text error messages in different languages
- Learning capability through the assignment of root causes and remedial actions (expert knowledge)



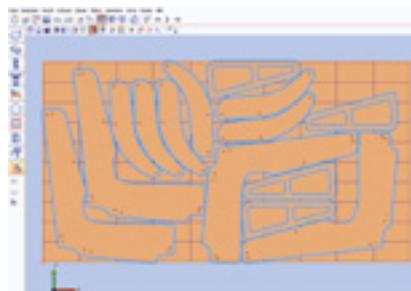
Machine data acquisition MMR – for a productive environment

- Registration of piece numbers and ACTUAL operating times at the machine
- Integrated maintenance instructions for the optimum time and quality-based planning and execution of maintenance work
- Optional professional version permits detailed breakdown and logging of registered data



CAD-Plugin

- CAD functions integrated directly in woodWOP
- CAD drawings can be generated directly at the machine and at the production engineering workstation
- Import of CAD drawings in DXF format
- Intuitive operation and fast familiarization with a standardized user interface



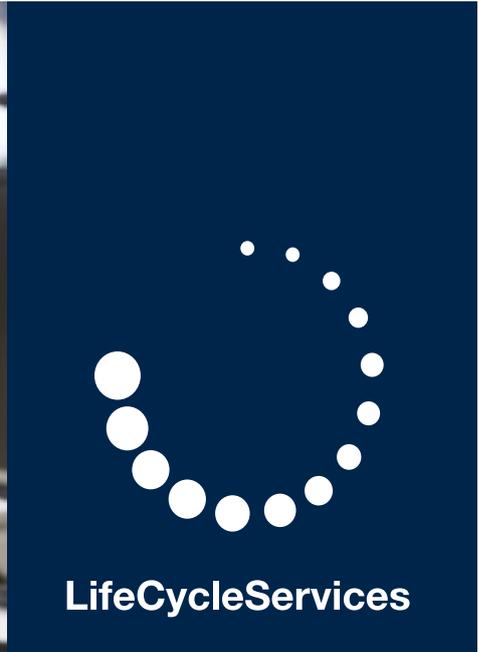
Cut Rite optimization Nesting

- Nesting software for automatic interleaving of workpieces on a raw panel
- Material cost savings due to optimum utilization of the raw panel
- Individually adjustable optimization parameters help reduce overall processing time and take care of process reliability



Graphic tool database

- Dimensioned graphics for simple set-up and management of tools and units
- 3D view of tools



HOMAG Life Cycle Services

The sale of our machines comes with all-in optimum service backup and individual advice. We support you with service innovations and products which are especially tailored to your requirements. With short response times and fast

customer solutions we guarantee consistently high availability and economical production – over the entire life cycle of your machine.



Remote Service

- Hotline support via remote diagnosis regarding control, mechanics and process technology. Thus the on-site service can be reduced by 90 %!
- Mobile applications such as ServiceBoard reduce the costs through fast help in case of troubles by mobile live video diagnosis, online service message and the online spare parts shop eParts



Spare Parts Service

- Identify, request and order spare parts around the clock via www.eParts.de
- Local availability of parts offered by our sales and service companies as well as sales and service partners all over the world
- Reduction of downtimes through defined spare parts and wear parts kits



Modernization

- Keep your machinery up-to-date and increase your productivity as well as your product quality. This is how you can meet tomorrow's requirements today!
- We support you with upgrades, modernization as well as individual consultancy and developments



HOMAG Finance

– precisely the right financing

- We offer you tailored financing proposals for your machinery or plants. Our financial advice goes hand in hand with our expertise relating to technical questions. Your personal contact person will take care of the whole process
- The benefit for you: The ability to invest without delay in new technologies and remain financially flexible.

1 200
Service employees around the world

5 000
customer training sessions per / year

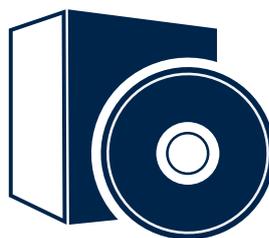
>90 %
less on-site-services through successful remote diagnosis

>150 000
machines, all electronically documented in 28 different languages – in eParts



Trainings

- The trainings perfectly suit to your requirements. Through this your machine operators can operate and maintain the HOMAG machines optimally.
- The trainings also include customerspecific training documents with practice-proven exercises



Software

- Telephone support and consultancy through software support
- Digitalization of your sample parts via 3D scanning saves time and money compared to new programming
- Subsequent networking of your machinery with intelligent software solutions ranging from construction to production



Field Service

- Increased machine availability and product quality by certified service staff
- Regular checks through maintenance / inspection guarantee the highest quality of your products
- We offer you the highest availability of technicians in order to reduce downtimes in case of unpredictable troubles

TECHNICAL DATA CENTATEQ P|E-300

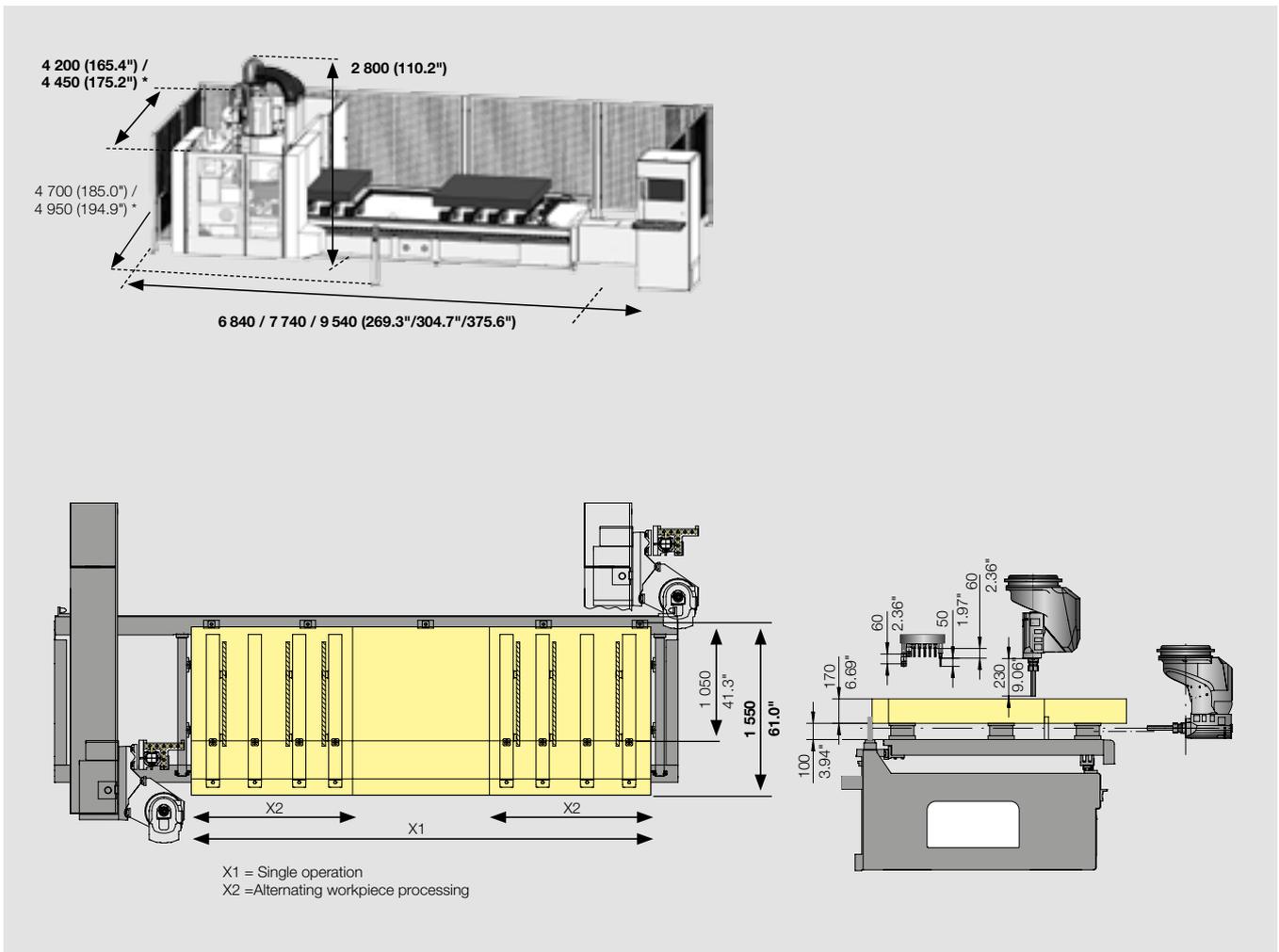
MACHINES WITH 5-AXIS SPINDLE

Model	X = Workpiece length [mm]				Y = Workpiece width [mm]				Workpiece thickness [mm]
	all units		Ø Tool = 25 mm		A = 0° Ø Tool = 25 mm	A = 90° with tool length = 230 mm	A = 0° all units, A = 90° with tool length = 230 mm	Gluing	
	Individual processing (X1)	Alternating processing* (X2)	Individual processing	Alternating processing*	Rear stop	Rear stop	Front stop	Front stop	From console
/33	3 300 129.9"	1 020 40.2"	3 475 136.8"	1 200 47.2"	1 550 61.0"	1 400** 55.1"	1 050** 41.3"	1 500** 59.1"	270 10.6"
/42	4 200 165.4"	1 470 57.9"	4 375 172.2"	1 650 65.0"	1 550 61.0"	1 400** 55.1"	1 050** 41.3"	1 500** 59.1"	270 10.6"
/60	6 000 236.2"	2 370 93.3"	6 175 243.1"	2 550 100.4"	1 550 61.0"	1 400** 55.1"	1 050** 41.3"	1 500** 59.1"	270 10.6"

* Dimension with central division. Size of alternating field dynamically adapted to component size.

** Overall length of tool for rear processing operations max. 150 mm.

Technical data and photos are not binding in every detail. We reserve the express right to make changes in the interests of further development.



TECHNICAL DATA CENTATEQ P|E-300

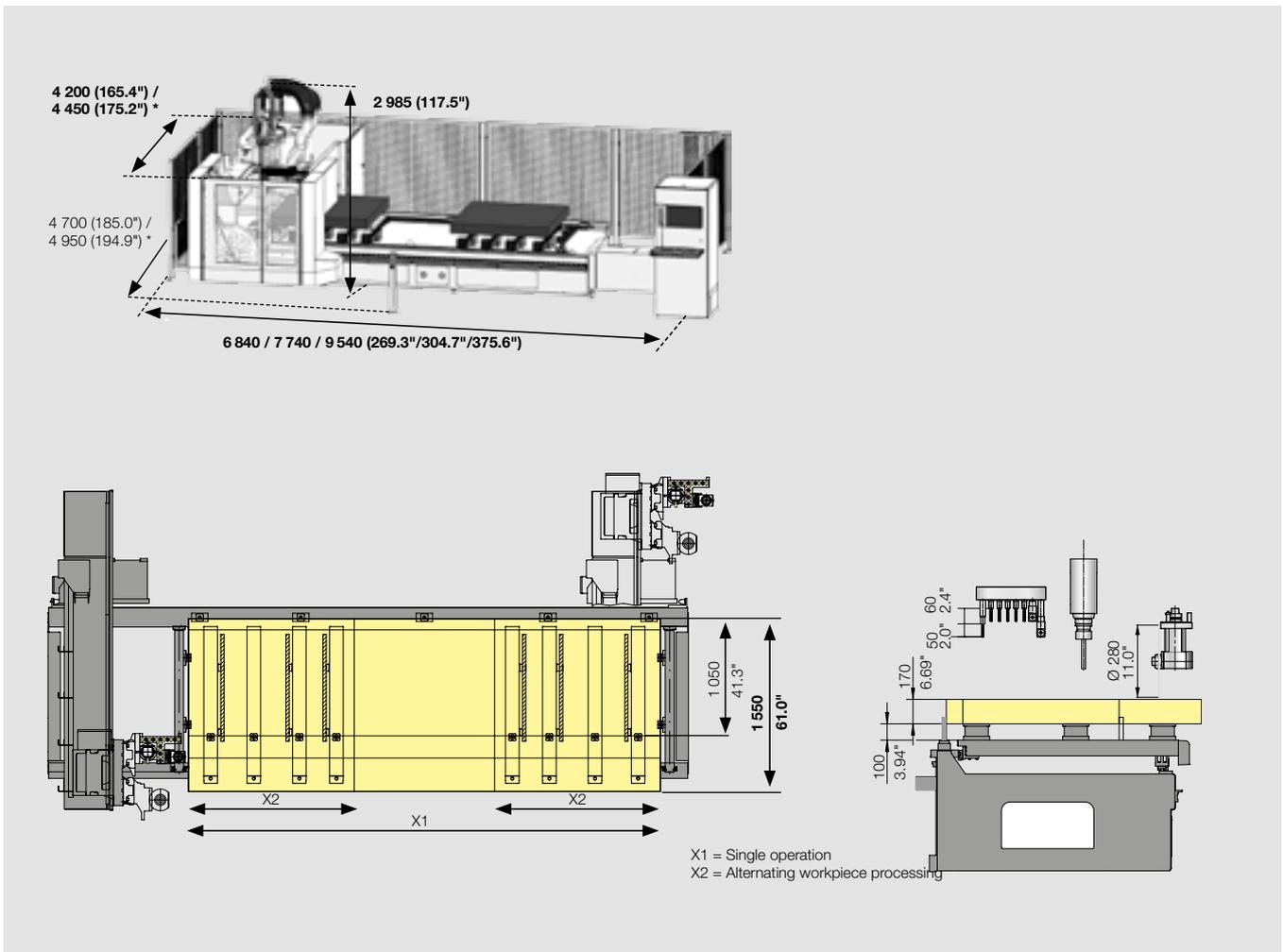
MACHINES WITH 4-AXIS SPINDLE

Model	X = Workpiece length [mm]				Y = Workpiece width [mm]				Workpiece thickness [mm]
	all units		Ø Tool = 25 mm		with Ø Tool = 25 mm	All units in main spindle		Gluing	
	Individual processing (X1)	Alternating processing* (X2)	Individual processing	Alternating processing*	Rear stop	Rear stop	Front stop	Front stop	From console
/33	3 300 129.9"	1 020 40.2"	3 475 136.8"	1 200 47.2"	1 550 61.0"	1 400 55.1"	1 050 37.4"	1 500** 59.1"	270 10.6"
/42	4 200 165.4"	1 470 57.9"	4 375 172.2"	1 650 65.0"	1 550 61.0"	1 400 55.1"	1 050 37.4"	1 500** 59.1"	270 10.6"
/60	6 000 236.2"	2 370 93.3"	6 175 243.1"	2 550 100.4"	1 550 61.0"	1 400 55.1"	1 050 37.4"	1 500** 59.1"	270 10.6"

* Dimension with central division. Large alternating field dynamically adapted to component size.

** Overall length of tool for rear processing operations max. 150 mm.

The technical data and photos are not binding in every detail. We reserve the express right to make changes in the interests of further development.



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YOUR SOLUTION