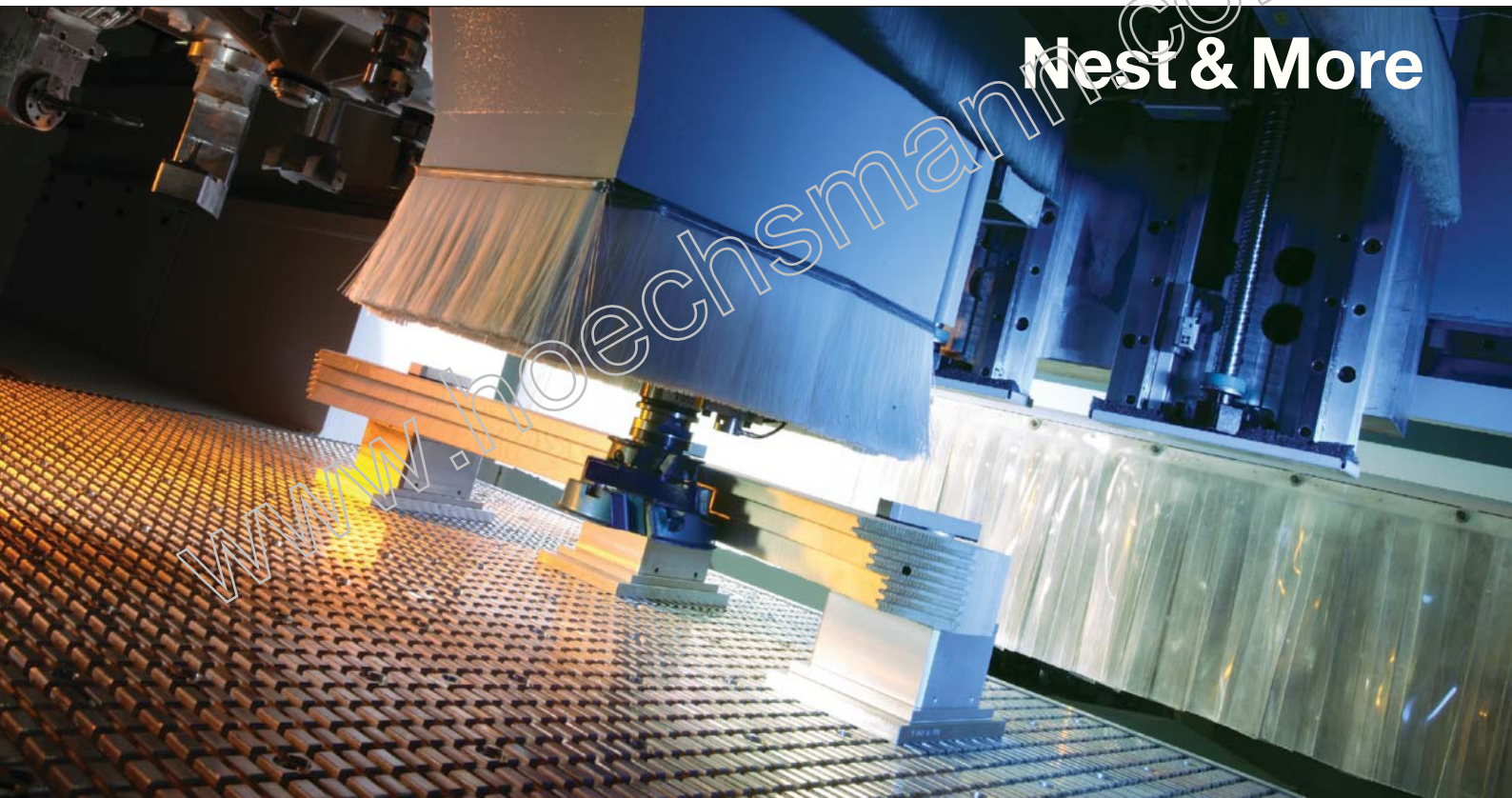


Processing Centers

Vantage 13/15

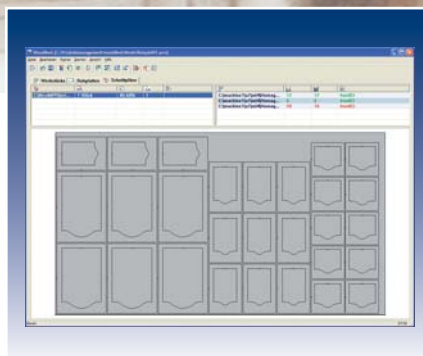
Nest & More





Vantage 13 and Vantage 15 –

With their heavy-duty machine bed and highly rigid extension arms, the Vantage 13 and 15 processing centers offer the ideal basis for wide-ranging different applications. The unique aluminium grid table provides enormous scope for fast, safe clamping of different workpieces. Whether for nesting of large-format panels up to 1,850/3,700 mm (Vantage 15) or for heavy-duty trimming work for staircase treads.



- Comprehensive software package:
- Extra woodWOP software licence for office workstation including data transfer to DXF format (CAD)
 - woodNest Basic for cutting waste optimization, even with shaped components
 - woodDesign – the graphic furniture design software for box furniture
 - woodScout – fast self-help if the worst comes to the worst

- Highly flexible FLEX5 sawing and drilling unit for five-axis processing
- Shift cuts fit right from the first go
 - Drill holes at “any” angle
 - Lamello grooves on “every” level



precision down to the last detail

Durable solutions

With their intelligent machine concept, the Vantage machines 13 and 15 stand for maximum future and investment security. Because they grow step in step with your changing requirements, these machines can be simply upgraded with new processing and adapter units at any time, making them ideally equipped to tackle new challenges:

Sizing, profiling, drilling, grooving or dividing – as and when you need them. These multiple talents can replace several different stand-alone machines, providing a complete solution which saves not only space but also hard cash – now and in the long term.



Vertical traced trimming unit for high-precision processing, e. g. of furniture fronts



EasyEdge gluing unit for efficient edge banding even with small batch sizes. Universal application for:

- ABS edges
- PVC edges
- Veneer edges



The fast, reliable way to achieve your finished product. All in a day's work for Vantage machines 13 and 15.

High-End Features – all inclusive



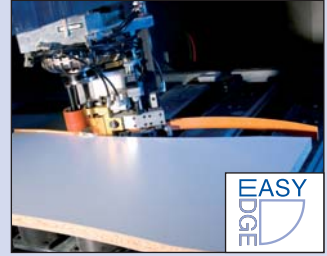
Highly dynamic rack and pinion drive systems for optimum processing quality even with high feed rates and cutting forces



Work area of X = 3,700 mm and Y = 1,550 (Vantage 13) or Y = 1,850 mm (Vantage 15) with a processing height of 210 mm



Aluminium grid table with dovetail profiles for positive locking, flexible fixture of clamps



The patented electronic interface permits the use of exchangeable EasyEdge and PowerEdge edge banding units for perfect edge banding onto shaped components. Top class edge finish by means of finish processing units. HOMAG – experience gathered over thousands of successful installations working for your benefit

www.hoechsmann.com



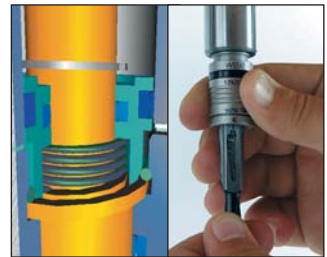
Vacuum pump with an output of 500 m³/h; 4-inch pipework system in the basic machine for high vacuum flow transmission



High-speed plate changer (coupled motion in the X/Y direction) with 5 slots for tools, for tool change-over during drilling operations and an additional 18-slot changer for units with a diameter of up to 200 mm



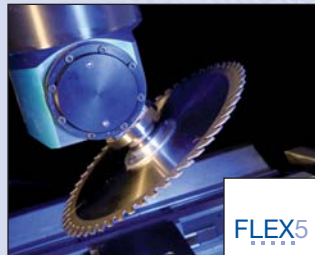
HIGH-SPEED drilling head 7,500 with 17 vertical spindles and 4 horizontal spindles. Ideal for fast processing during tool changes. For use over the entire processing depth



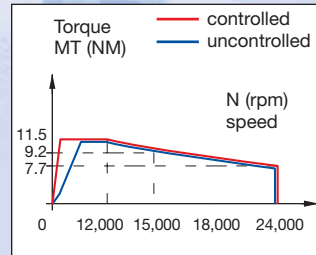
Automatic spindle clamping: patented system for precise drilling depth every time even with different materials



Stop bolts for simple, reliable positioning of workpieces, also for alternating processing. Complete with stop bolt end position monitoring to safeguard against damage to tools and units



Unadulterated flexibility – the integrated FLEX5 interface can be retrofitted at any time with automatic angle adjustment: A unique feature for the precise execution of shift cuts or drilling and trimming operations at “any angle” without the need for manual setting work



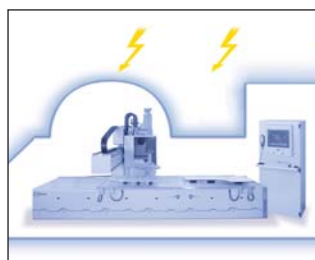
Working spindle (15 kW) with controlled spindle speed 100-24,000 rpm for extreme torque even at low speeds, for example when sanding. A spindle sensor takes care of optimum protection of the working spindle, for instance in case of tool unbalance.



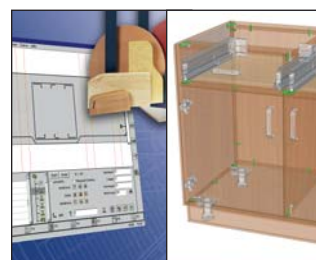
Interpolating C axis 360°: To allow the units to be rotated at any optional angle, including transmission of compressed air into the units (e. g. for traced units)



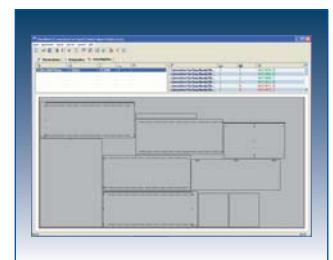
power control system PC 85: with swivel-mounted control panel for simple machine operation using features such as the graphic tool database and machine data acquisition (MDA)



Uninterruptible power supply (UPS) to prevent data loss in case of power failure and mains voltage fluctuations



woodWOP 5.0: The world's most frequently used programming system with woodDesign as a 3D design tool for a “short-track” route from the drawing to the finished machine program



woodWOP Tools comprising woodNest Basic (for cutting waste optimization), woodMosaic (graphic program management) and woodType (for engraving)

Ingenious extras for unlimited production scope

A wise investment in the future: The Vantage grows flexibly step by step with your requirements.

For other applications, please apply for our processing unit and clamping fixture catalogue.



7519
2-spindle sawing/drilling unit: for grooving, drilling and sawing (also for mitre cuts)



7523
4-spindle drilling/trimming unit: for trimming and drilling work with different tool diameters



7525
Lock case trimming unit: with 2 spindles for horizontal trimming with integrated cleaning air jet for chips



7535
Vertical trimming unit with tracing ring: e. g. for highly precise work surface joints



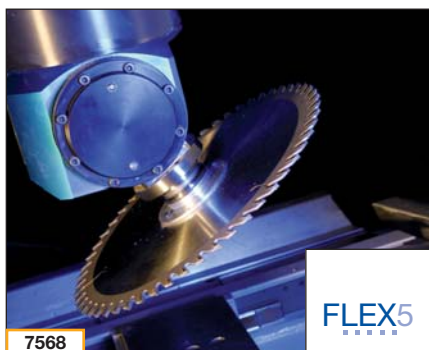
7544
Horizontal trimming unit for heavy-duty trimming work: e. g. for staircase handrail processing



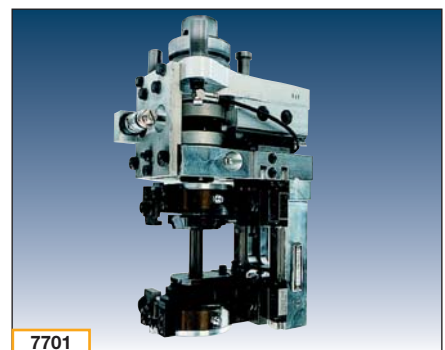
7547
Corner snipping unit: for precise recesses in doors or work surfaces



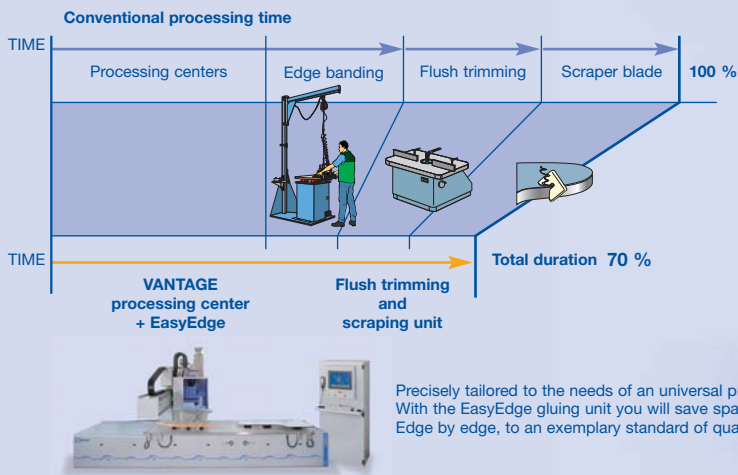
7549
Sanding unit with cleaning air jet: Guaranteed perfect for solid wood coupled with a long service life



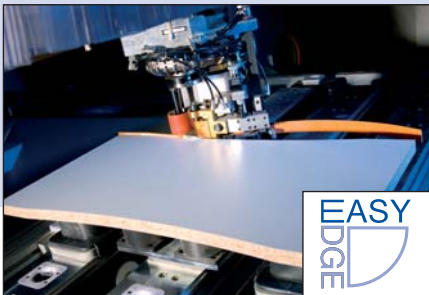
7568
FLEX5 unit with automatic angle adjustment (patented) for trimming and drilling operations (for shift cuts)



7701
Flush trimming unit with simultaneous traced profiling of workpiece edges from above and below, e. g. staircase treads



EasyEdge gluing package 7623



EasyEdge gluing unit for efficient edge banding on shaped components



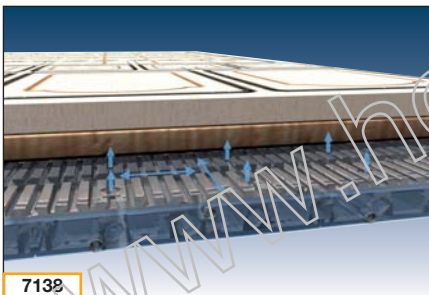
Top-quality results – the traced combi-flush trimming scraping unit which makes use of the drive system, the C axis and the pneumatic system produces stunning edge appearance. Once again, technology developed and patented by HOMAG

Other options

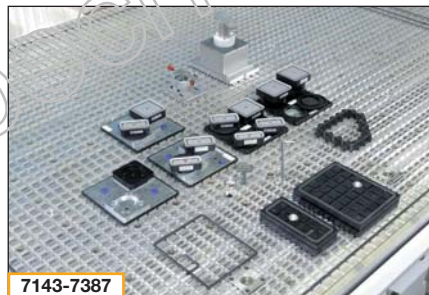


7471
Tool transfer station, reliable, fast loading of the tool changer including empty slot interrogation in the tool changer

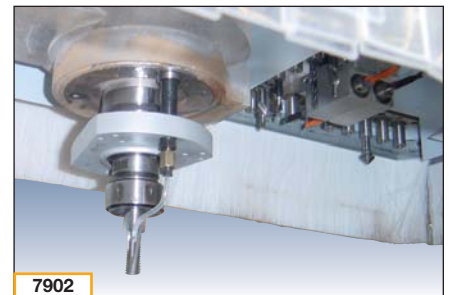
Other options



7139
Air cushion function for easy handling of large-format workpieces



7143-7387
Wide ranging choice of clamping elements for reliable, precise processing of your products

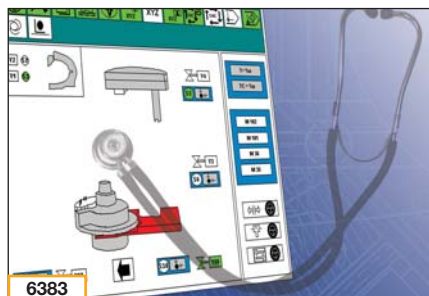


7902
Tool retainer with cleaning air jet for improved suction output during nesting

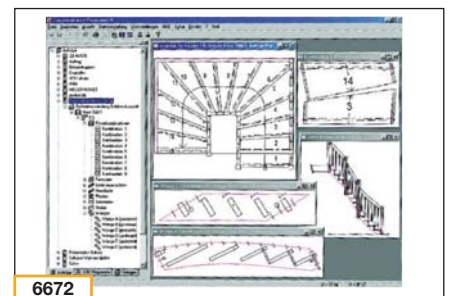
Other options



6172
Air conditioning system: for cooling the switch cabinet at outside temperatures exceeding 35° C



6383
woodScout: The system permits systematic, fast troubleshooting and results in a substantial increase in machine availability

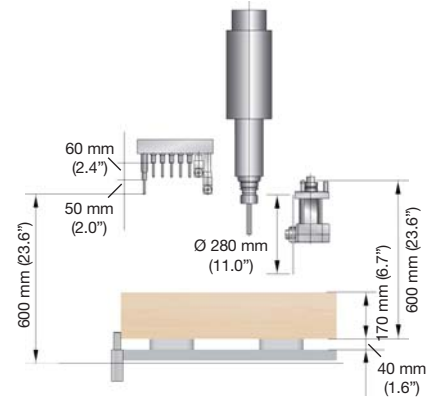
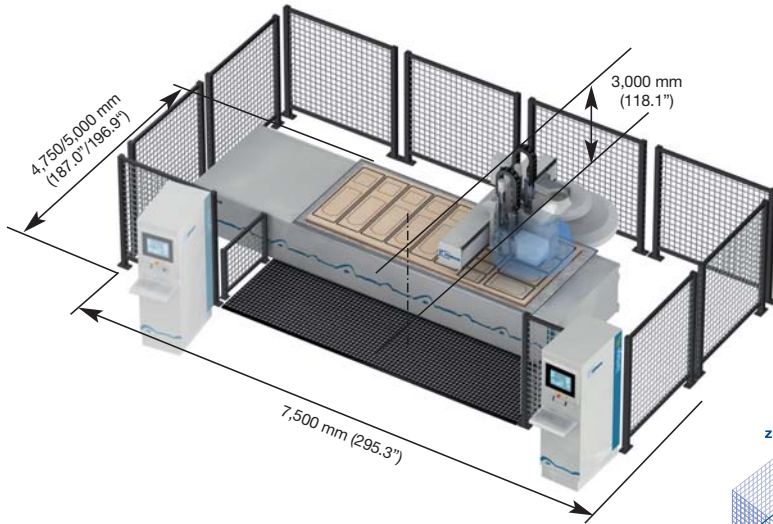


6672
woodStairs: Staircase software for the design of staircases including data transfer to the Venture

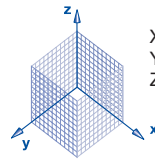
HOMAG software products – everything from a single, reliable source.

For additional software packages, please request our brochure "Software for processing centers".

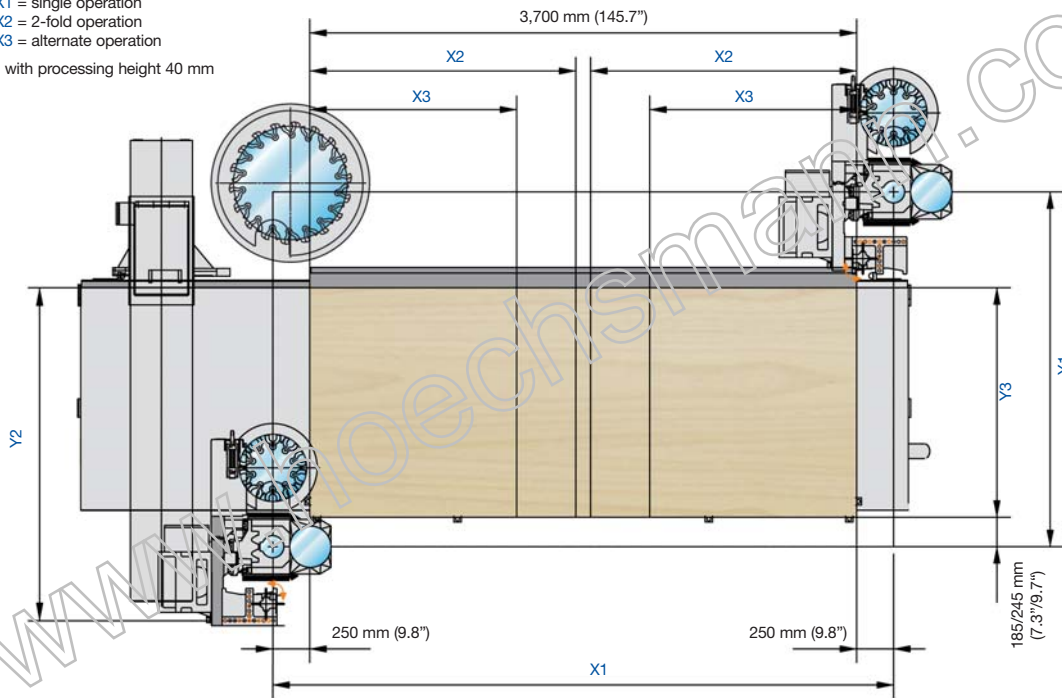
Specifications **Vantage 13/15**



X: 4,200 mm (165.4")
 Y: 2,400/2,700 mm (94.5"/106.3")
 Z: 600 mm (23.6")



X1 = single operation
 X2 = 2-fold operation
 X3 = alternate operation
 * with processing height 40 mm



	X1	X2	X3	Y1	Y2	Y3
Vantage 13L	4,200 mm (165.4")	1,800 mm (70.9")	1,400 mm (55.1")	2,400 mm (94.5")	2,270 mm (89.4")	1,550 mm (61.0")
Vantage 15L	4,200 mm (165.4")	1,800 mm (70.9")	1,400 mm (55.1")	2,700 mm (106.3")	2,570 mm (101.2")	1,850 mm (72.8")

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

A member of the HOMAG Group



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