

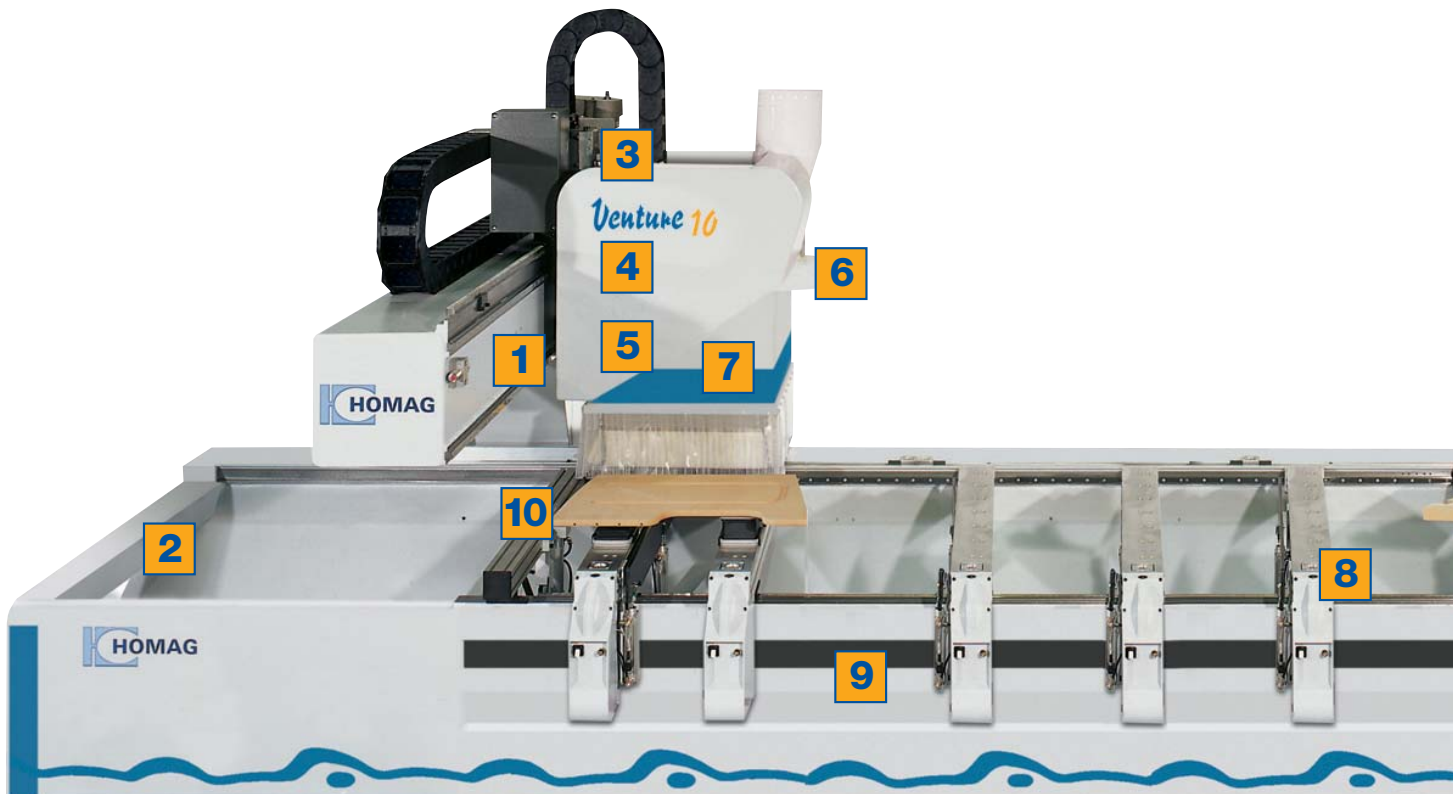
Venture 10 and Venture 11 routers





Venture 10 and *Venture 11* – standard equipment out of the top drawer

The equipment features supplied with the *Venture 10* and *Venture 11* are precisely tailored to the needs of the cabinet shop. They guarantee wide-ranging scope for application, outstanding productivity even with small batch sizes and excellent workpiece quality – all essential success factors in today's markets.





Solutions for the long term

Based on intelligent machine concepts, *Venture 10* and *Venture 11* represent a secure, future-proof investment. Because they grow with your needs, offering scope for simple upgrading with additional processing and adapter units at any time, they ensure that you are ideally equipped to meet new challenges.

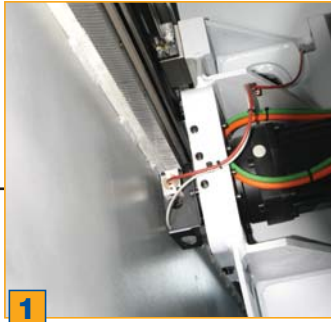
Sizing, profiling, drilling, grooving or dividing – just as and when the need arises. With this range of skills, they are capable of replacing several individual machines. As a complete solution, they save not just space but also hard cash – immediately and in the long term too.

Optionally also with **FLEX5** five-axis unit



The benefit of *Venture 11*

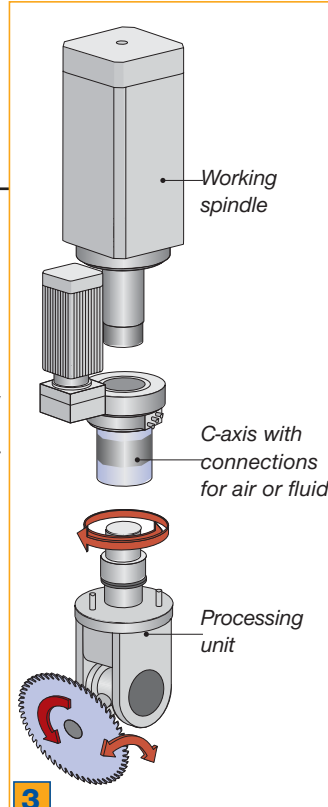
Point for point ahead of the field



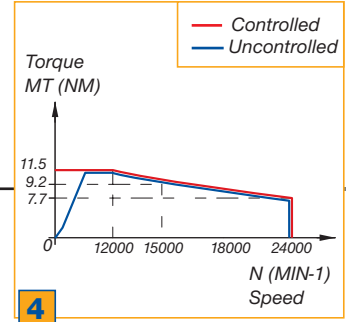
1 Highly dynamic rack-and-pinion drive systems for optimum processing quality, even with high feed rates and hogging forces.



2 Work area of X=4,175 mm (**10**) / 6,175 mm (**11**) and Y=1,730 mm (optionally 2,075 mm with secondary spindle) with waste disposal system over the smooth machine bed (optionally with chip conveyor belt)



3 Water-cooled trimming spindle with HSK toolholder and 18.5 kW output for maximum hogging output



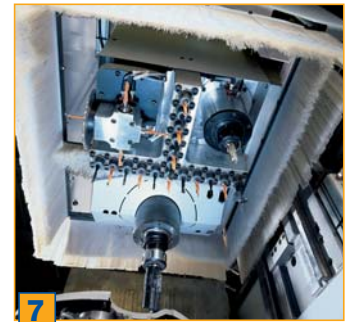
4 Vector-controlled spindle speed 1-24,000 rpm for high-powered torque even at low speeds, e.g. when sanding



5 Interpolating 360° C-axis: This allows the **units** to be rotated at any angle during processing, including compressed air transmission to the units (e.g. for blowing away chip residues during processing)



6 Fast plate changer with 18 slots for tools and units up to 180 mm in diameter



7 Drilling head with 17 vertical spindles and 2 free slots for optional additional units such as grooving saw or ancillary spindle. Ideal for fast complete processing without tool change



8 Work table with 8 knees and precise linear guides for optimum tool clamping during heavy duty hogging operations



9 Knees with covered supply lines for vacuum and compressed air offering optimum accessibility



10 Stop bolts with hinging fences for coated workpieces with overhanging top layer



11 LED chains for fast, simple positioning of suction cups and knees



12 Suction cup with special chamber system (Homag Group patent) for free positioning on the machine knees (16 standard and 8 narrow part suction cups)



13 PC 85 **power** control system: With swivel-mounted control desk for simple machine operation and with features such as graphic tool database and machine data acquisition (MDA)



14 wood**WOP** 5.0: The most frequently used programming in the world with wood**Design** as a 3D design tool: The shortest route from the drawing to the finished machine program



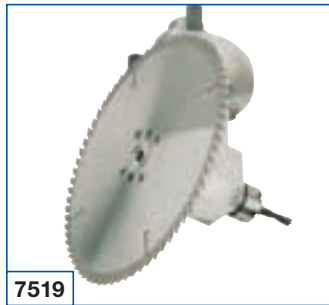
15 Uninterruptible power system (UPS) to eliminate faults in the event of mains power fluctuations and data loss following power failures

Venture 10 and Venture 11 – intelligent extras for unlimited scope



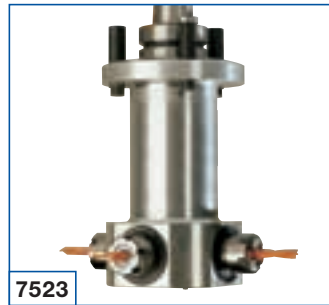
7568

FLEX5 sawing / drilling unit with automatic swivel facility: for processing operations at any optional angle (e.g. shift cuts)



7519

2-spindle sawing/trimming unit: for grooving, drilling and sawing (also for mitre cuts). As sawing/snipping unit (7513) with cutting depth up to 110 mm



7523

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



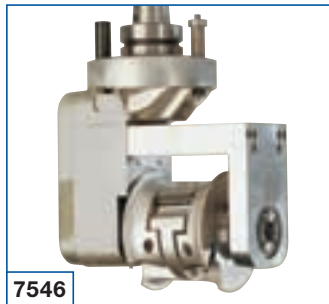
7529

Lock case trimming unit: Features two spindles for horizontal trimming with integrated blow-off nozzle for chips



7535

Vertical trimming unit with tracing: e.g. for high-precision work-top joints



7546

Planing unit for heavy-duty trimming work: e.g. for stair handrail processing



7547

Corner notching unit: For precise cut-outs in doors or worktops



7549

Sanding unit with blow-off nozzle: Guaranteed perfect finish for solid wood coupled with long service life

Drilling head adapter units



7413/7414

6-spindle horizontal adapter drilling head: e.g. for 6 different drilling diameters in X- or Y-direction



7417/7418

Adapter drilling head with 4 spindles plus grooving: For horizontal drilling and grooving without tool change, as version 0/90° also with swivel action



7420

Vertical adapter drilling head: 6 drills with individual accessing capability



7423

Adapter trimming spindle: To increase the working depth and reduce the number of tool changes

Other options



7357/7358

Hoseless vacuum clamps for frame components



6172

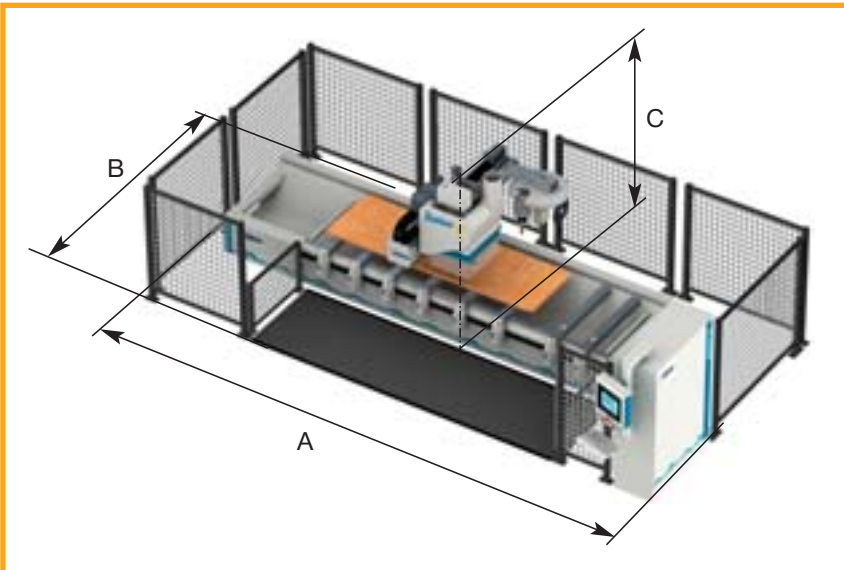
Air conditioning unit: Keeps the switch cabinet cool at external temperatures of over 35°C



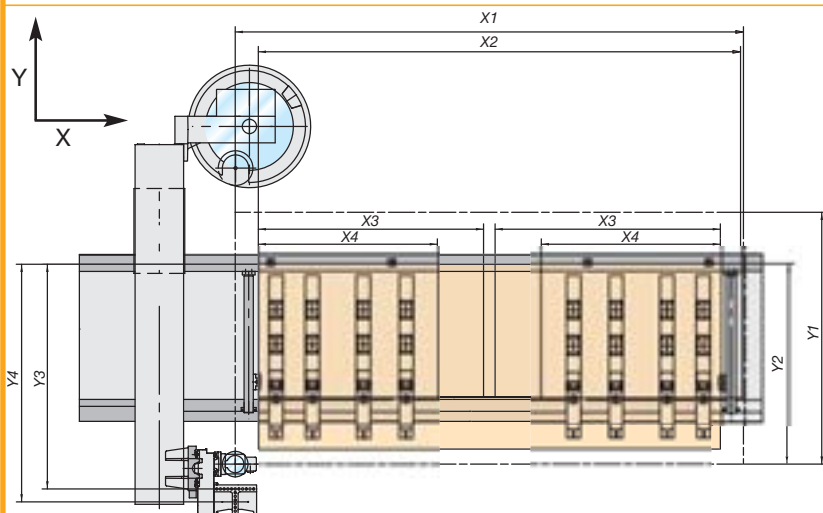
6383

woodScout: This system permits the systematic, high-speed elimination of disturbances and brings about substantially higher machine availability

For other applications and options, please apply for a copy of our Units and Clamping Systems catalogue



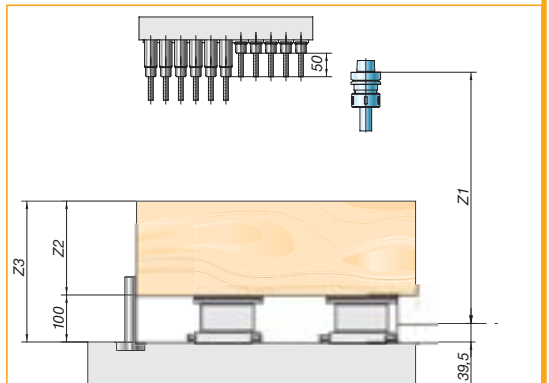
Installation dimensions			
Length [mm] <i>Venture 10</i>	A	7.750	(305,1")
Length [mm] <i>Venture 11</i>	A	9.750	(383,9")
Width [mm]	B	5.000	(196,9")
Height [mm]	C	3.000	(118,1")



Traversing ranges <i>Venture 10</i>		X1	4.400* (173,2")	Y1	2.180 (85,8")
Processing dimensions with a tool diameter of 25 mm					
Working spindle	[mm]	X2	4.175* (164,4")	Y2	1.730 (68,1")
Drilling head	[mm]	X2	4.175* (164,4")	Y3	1.945 (76,6")
Secondary spindle (optional)	[mm]	X2	4.175* (164,4")	Y4	2.075 (81,7")
Dual processing	[mm]	X3	1.950** (76,8")		
Alternating processing	[mm]	X4	1.550** (61,0")		

* *Venture 11*: + 2.000 mm (78,7")

** *Venture 11*: + 1.000 mm (39,4")



Traversing range	Z1	535 (21,1")
Processing dimension*		
Upper edge of standard suction cup	Z2	200 (7,9")
Including clamp [mm]	Z3	300 (11,8")

* using the relevant unit and tool lengths

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



Homag Holzbearbeitungssysteme AG

Homagstraße 3-5
72296 SCHOPFLOCH
GERMANY

Tel.: +49 7443 13-0

Fax: +49 7443 132300

E-Mail: info@homag.de

Internet: www.homag.de

