

Venture 3L

Working field:
4250 x 1250 x 125 mm

Highlights:

- Shorter processing times by a traverse speed in X-direction of up to 100 m/min
- Even under heaviest processing the heavy steel ribs within the frame absorb any resonance and frame flexing.
- Time saving and secure positioning of the workpiece consoles and the vacuum cups via LED-system
- An integrated C-axis
- 2 Z-axes
- A powerful 9 kW HSK routing spindle
- Processing is possible up to a workpiece thickness of 125 mm
- Routing dimension in Y-direction to max. 1325 mm
- 8 tool changing places
- UPS „uninterrupted power supply“ - protects the computer against damages in case of mains interruption. In such a case the computer is powered down to avoid loss of data.



1 Linear guiding system



Sealed "long-life" linear guiding system

2 LED-positioning system



The LED-lights display the correct position of the cups to the operator. Up to 70 % faster positioning.

2 Z-axes



Offer an optimal dust extraction and a bigger operative



power control



- 15" TFT monitor
- CD-writer
- Modem
- USB frontside bus
- Ethernet "on board"
- Position of the switch cabinet "freely selectable"

4

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Pictures may also show options

range for processing tools



3 Configuration



- 19 vertical drilling spindles ■ 6 horizontal drilling spindles
- 1 routing spindle with 9 kW ■ 1 C-axis with HSK F 63
- 1 grooving saw (Ø 125 mm / 90°)

4 Tool pick-up station



Secure and quick fitting of the tool changer

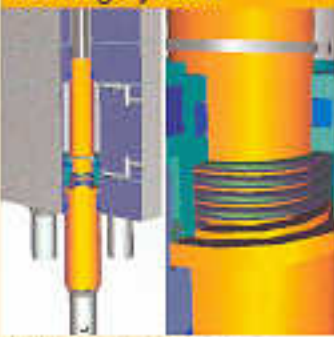
All inclusive – "Standards"

High-Speed spindles



1500 - 7500 RPM including patented quick change system

Automatic spindle locking system



Patented system for exact drilling depth at any time with different materials

Workpiece feeding rail



4 solid feeding rails to ease "sheeting" of heavy workpieces

UPS



Protects the computer against damages in case of mains interruption

Tool changer



14-fold tool changer in X-direction

Vacuum cups



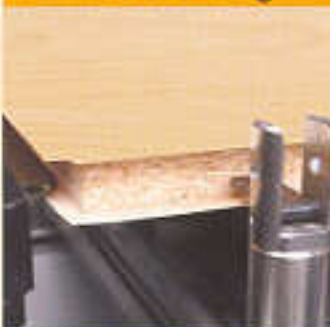
6 narrow vacuum cups

Vacuum cups



12 standard vacuum cups

Tilting stops for laminate overhang



Guarantee simple positioning of panels with laminate overhang

Sealed energy cable



Secure and protected cable guide (X-Y-Z)

Tool kit



Top equipment - from the very start

Software



- Modern software based on Windows®
- More than 10.000 installations worldwide



- Simple 3D construction of furniture including a parts list output and export of cutting lists



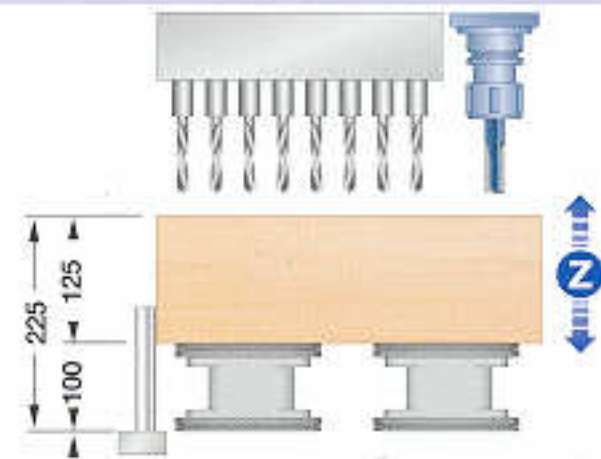
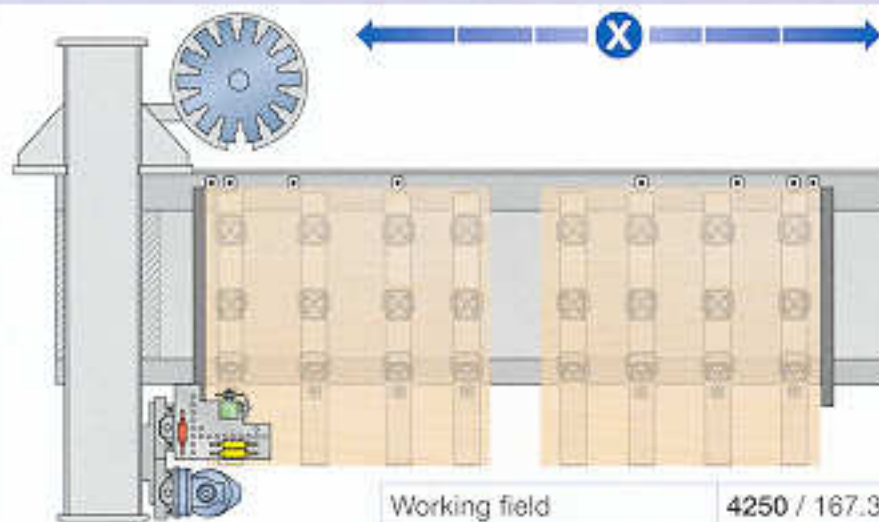
- Simulates the processing in the order it is stored in the NC-program
- Allows time calculation
- Collision check of the vacuum cups



- Modern and simple control of main machine functions through soft keys
- Graphical loading
- Optimized space



- Machine Data Recording - collecting and evaluating machine states via time meter and event meter



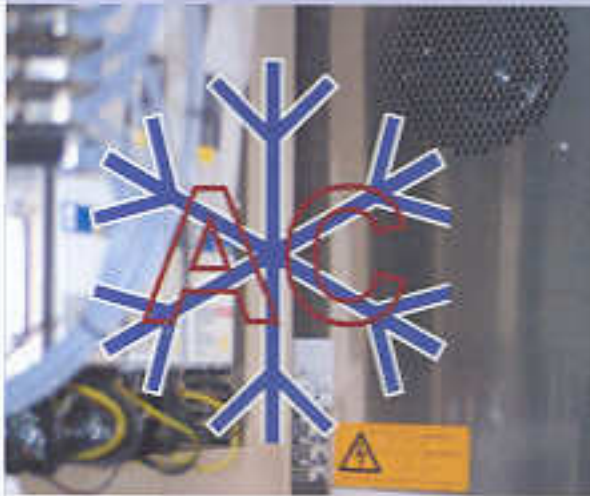
Working field	4250 / 167.3	1250 / 49.2	125* / 4.9
Travel range	4860 / 191.3	1793 / 70.6	185** / 7.3 (300*** / 11.8)
Routing	4595 / 180.9	1378 / 54.3	125* / 4.9
Alternating operation	1950 / 76.7		**drilling ***routing
Two-field operation	1600 / 70.0	mm / inch	

*considering the utility of the corresponding tool lengths

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Options

Air-conditioning



Air-conditioned cabinet

Multi-clamping system



E.g. for frame and narrow parts

Software



■ DXF-postprocessor ■ Barcode software

Adapter aggregates

Drilling/Routing/ Sawing, 2 spindles



1603

Routing, 2 spindles



1610

Routing, 4 spindles



1605

Drilling/Sawing, man. inclinable - (0° - 90°)



1515

Drilling/Routing, man. inclinable - (0° - 45°)



1613

Cam box router, Ø 16 mm, 2 spindles



1626

Routing vertical with tracing bell



1650

Corner notching



1656

Drilling, 7 spindles - 25 mm pitch



1680

Fitting drilling head, 3 spindles

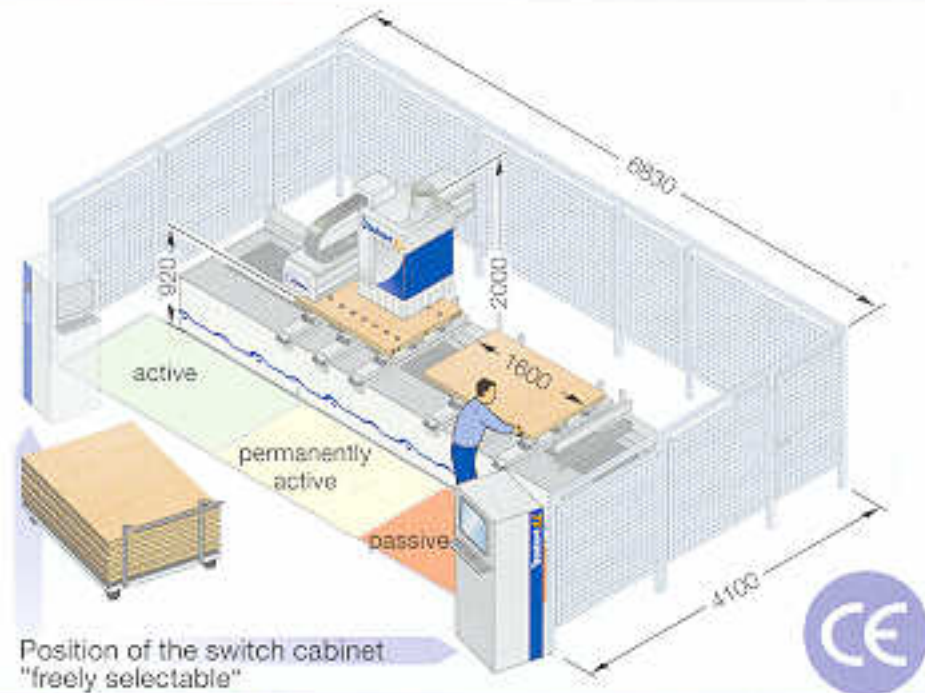
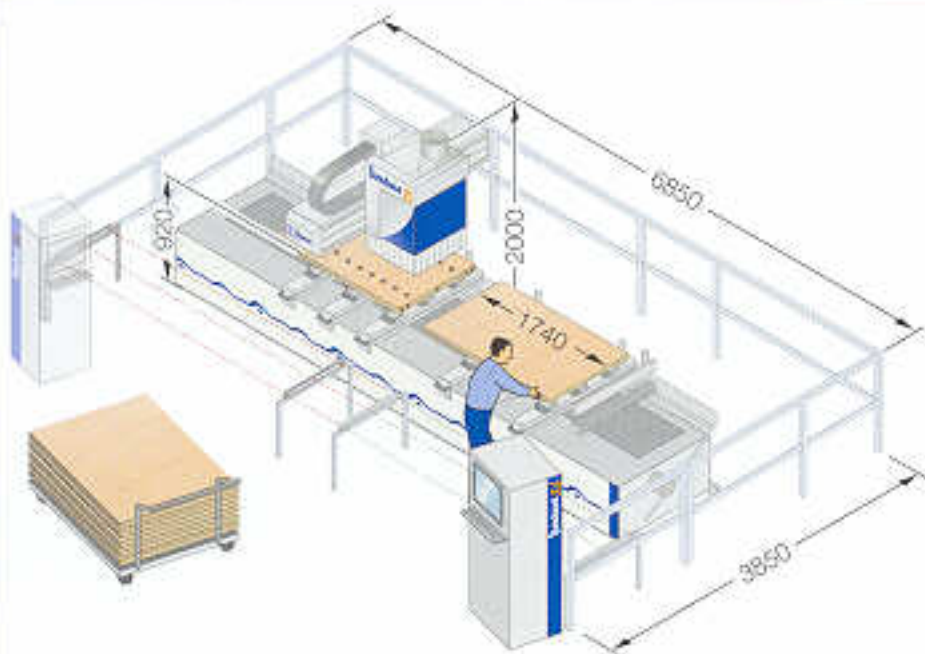
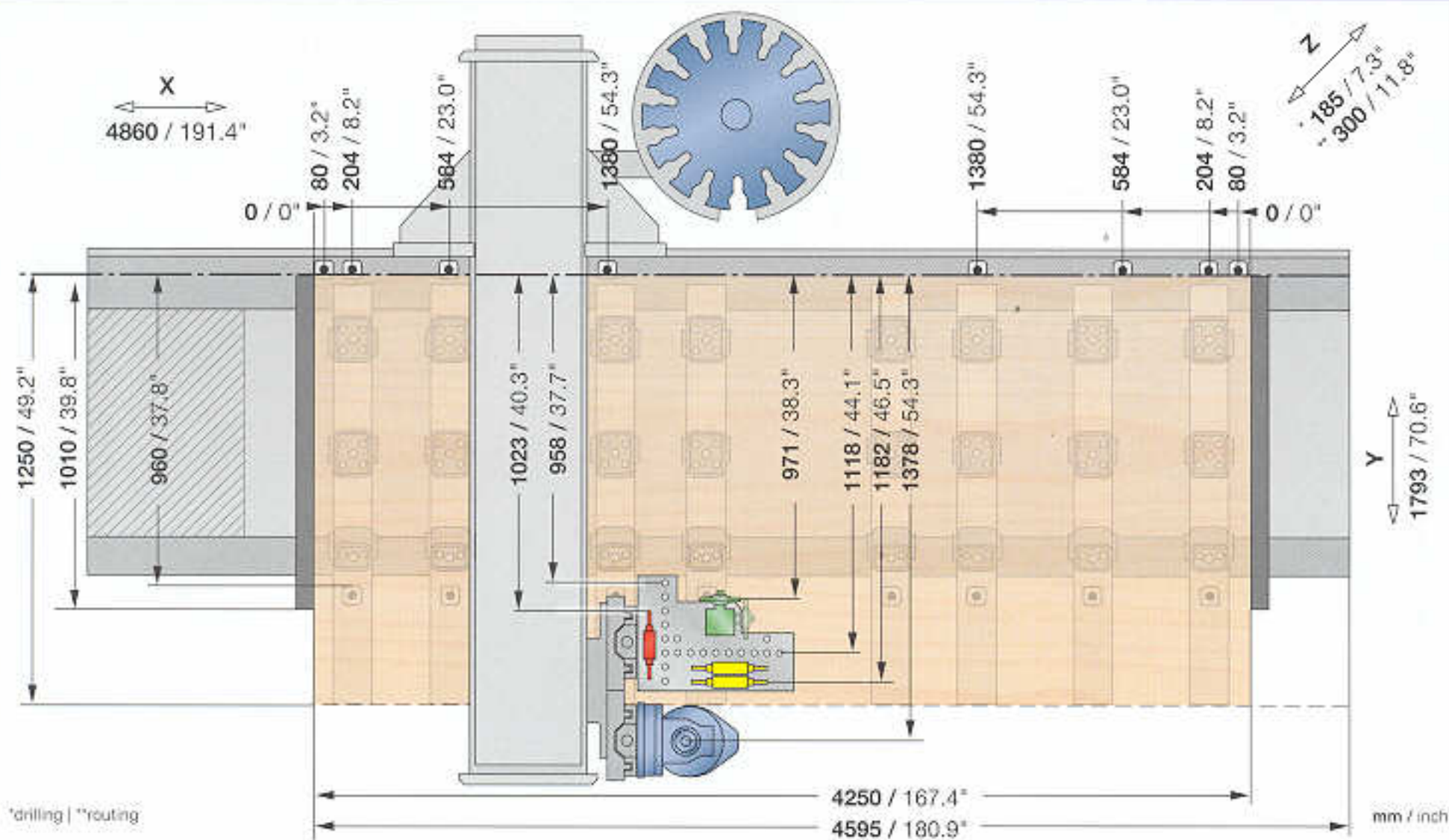


1695

Contact us!

- Teleservice possibility via basic-modem-connection
- Competent spare parts service
- Weeke communication: up-to-date information at all times:
www.weeke.com
- Any questions, new ideas, criticism & praise to:
info@weeke.de

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TECHNICAL DATA

Travel range X - Y - Z-axis	mm	4860-1793-185*/300**
Rapid traverse speed X - Y - Z-axis	m/min	100 - 50 - 20
Compressed air connection	inch	R 1/2"
Compressed air required	bar	7
Dust extraction port	mm	Ø 200
Dust extraction volume	m ³ /h	min. 3170
Total machine weight	kg	ca. 5100
Electrical power – total connection load	kW	17.5
Switch cabinet L - W - H	mm	800 - 800 - 1970



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