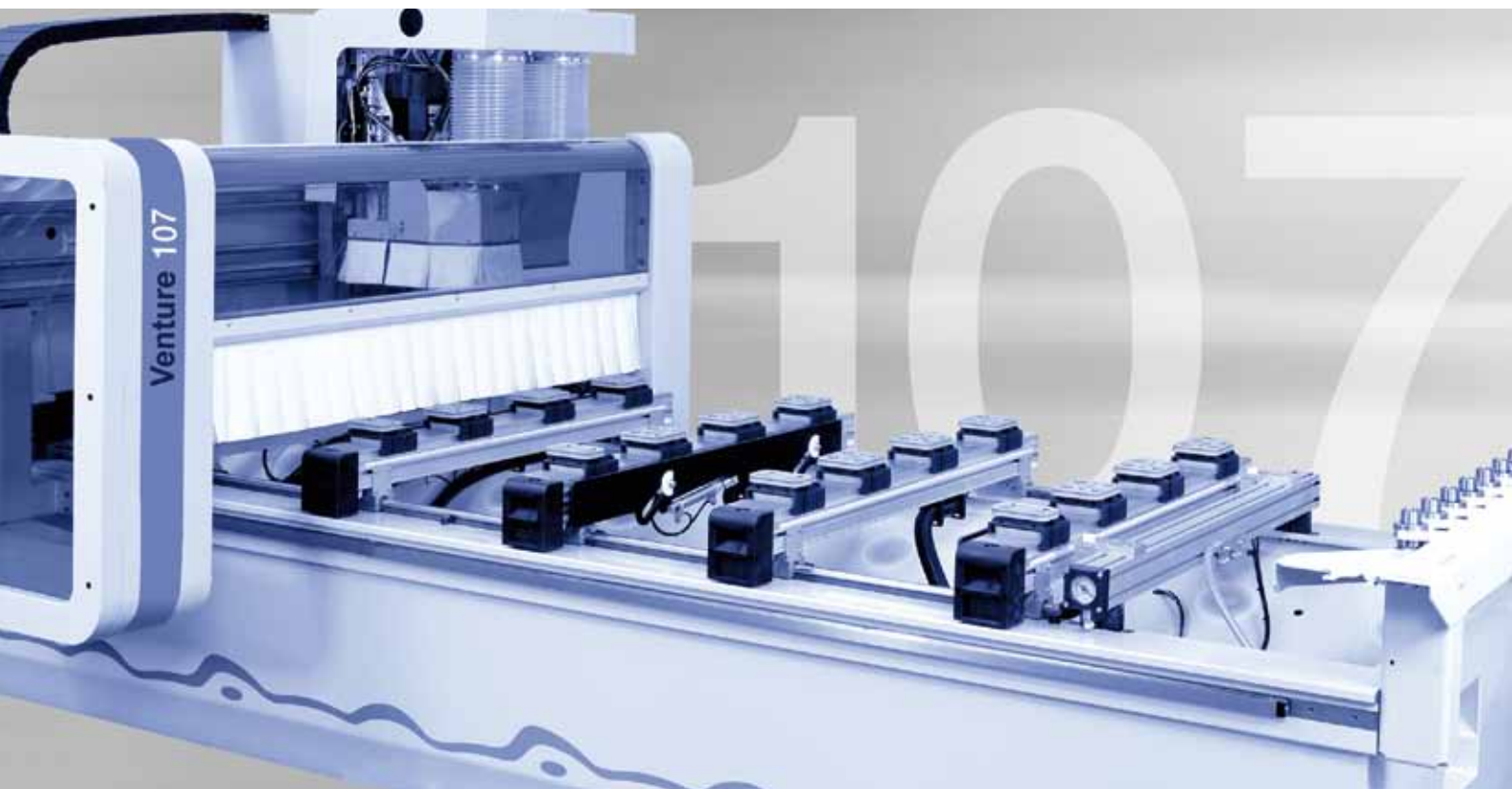


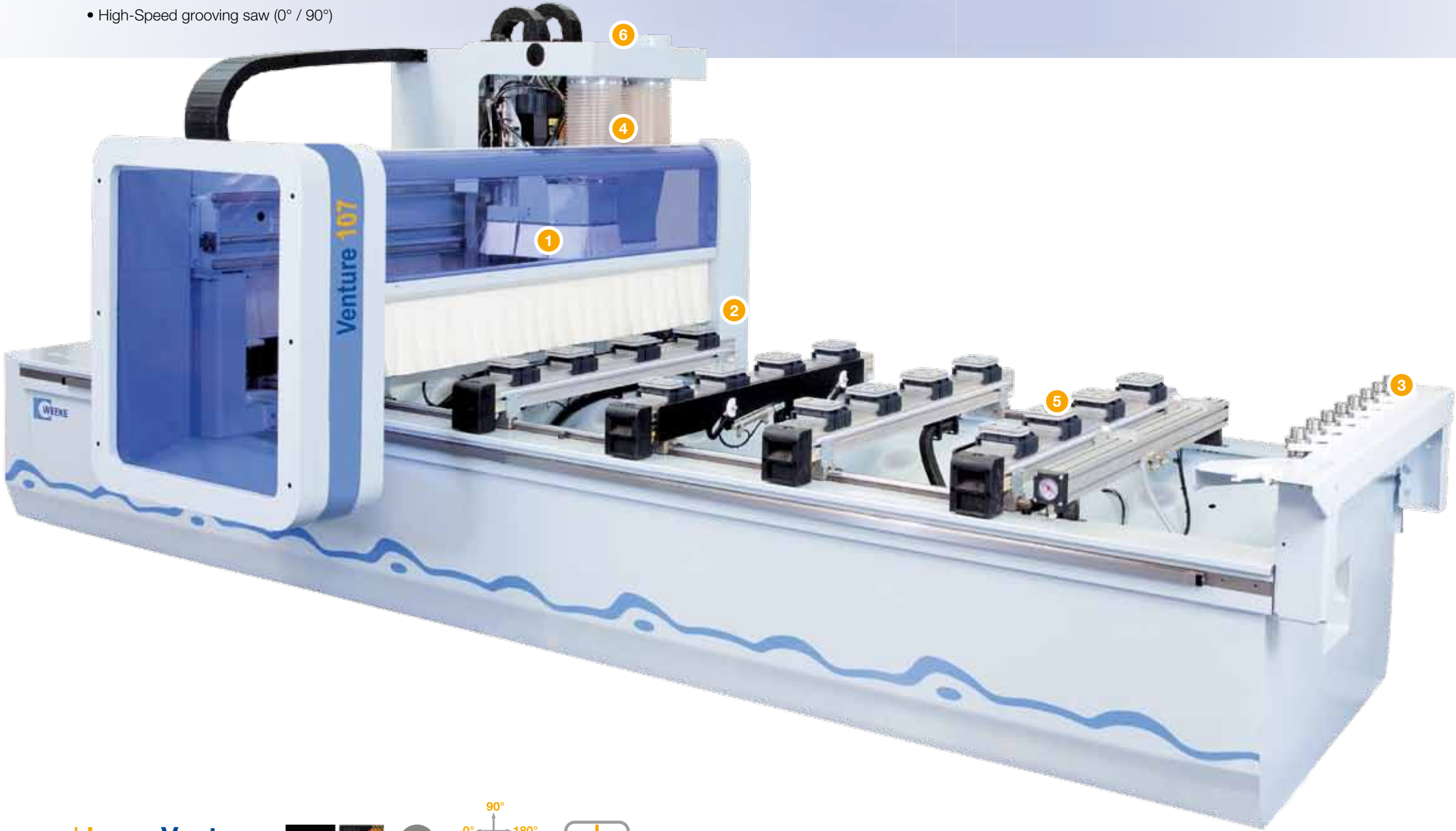
CNC-Processing Center Venture 107



Venture 107

Highlights:

- Vector speed X/Y 80 m/min
- Simple positioning of the vacuum cups through the pin laser
- 24 vacuum cups in standard version
- K-table – tubeless vacuum clamping system
- Second row of stops in standard version
- Electronic surveillance of all stops
- High-Speed 7500 – 18 drilling spindles (12 vertical / 6 horizontal)
- Patented quick change system for the vertical spindles
- Patented automatic spindle clamping system
- High-Speed grooving saw (0° / 90°)
- 12 HP (9 kW) HSK routing spindle
- Torque support
- 16 places for tool changing (2 x 8)
- Tool pick-up station
- Program-controlled extraction connection for an optimum extraction behavior
- 2 CNC-controlled Z-axes
- Software bundle for machine and PC
- Toolbox »STARTER KIT«



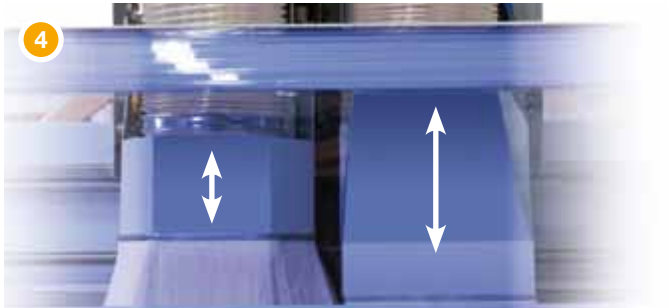
Configuration

- Powerful 12 HP (9 kW) HSK routing spindle
- Torque support
- 12 vertical drilling spindles
- 6 horizontal drilling spindles
- 1 grooving saw Ø 125 mm (0° / 90°)



2 tool changing systems in standard version

- 8-fold tool changer moving in X-direction
- 8-fold tool changer (pick-up)



2 CNC-controlled Z-axes

- Optimal dust extraction and bigger operative range for processing aggregates
- Weight distribution of the mass (processing aggregates) to the two Z-axes → more stability, higher processing quality



Electronic cylinder surveillance

Enhanced security with the electronic surveillance of lower cylinder positions at all integrated stops



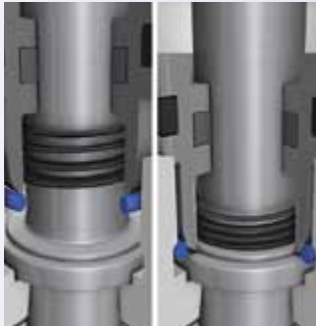
Program-controlled extraction connection

Ensures an optimum extraction behavior

All inclusive – »Standards«



High-Speed 7500
Spindles with 1500 - 7500 RPM incl. the patented quick change system



Automatic spindle clamping 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

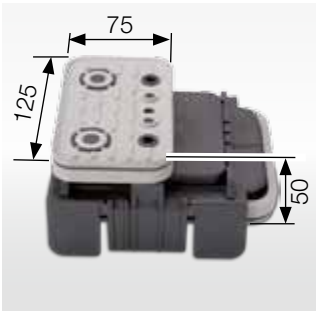
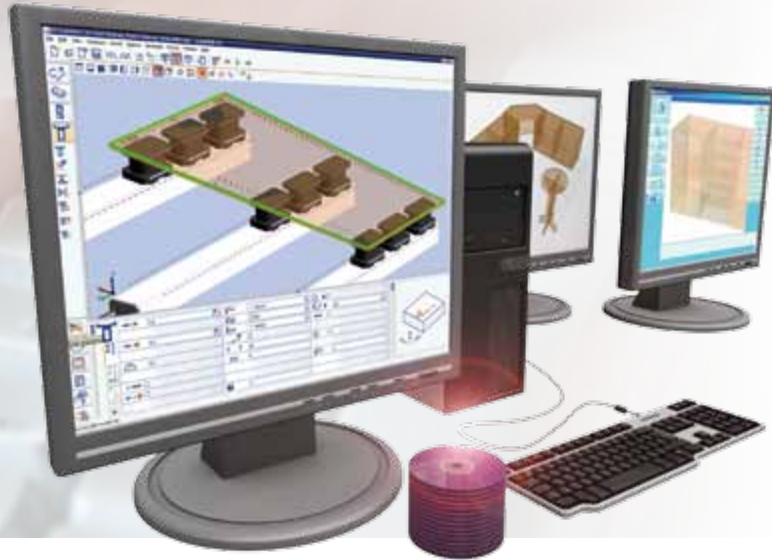


K-table
Tubeless vacuum clamping system

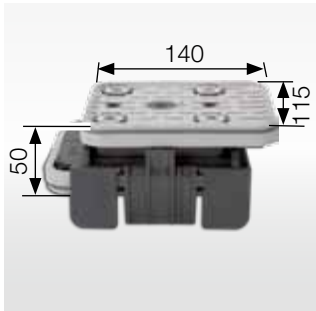


power control PC85

- 17" TFT-monitor
- Intel®Core™ 2 Duo Processor
- Provision teleservice capability
- USB frontside bus
- Ethernet connection 10/100 Mbit
- Ergonomic hand terminal
- Position of the switch cabinet »freely selectable« (left/right)



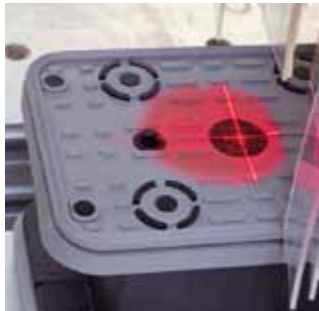
Vacuum cups
6 narrow vacuum cups



Vacuum cups
18 vacuum cups



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

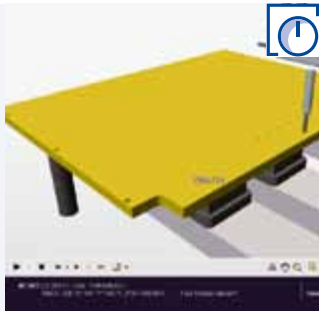


Laser positioning
Simple positioning of the vacuum cups through the pin laser



woodWOP

- Modern software based on Windows®
- More than 16.000 installations worldwide



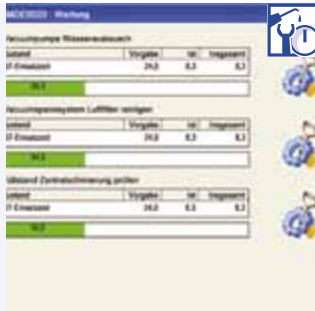
3D CNC-Simulator

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



MCC

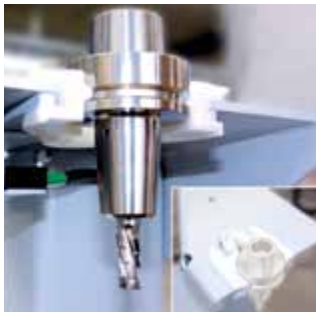
- Simple control of main machine functions through soft keys
- Graphical loading



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



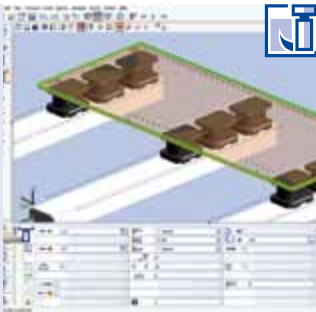
Linear guiding system
Sealed »long-life« linear guiding system



Tool pick-up station
Secure and quick fitting of the tool changer

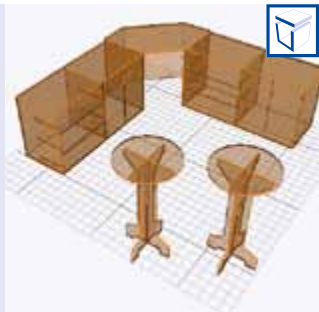


Toolbox »STARTER KIT«
Top equipment – from the very start



woodWOP

- Modern software based on Windows®
- More than 16.000 installations worldwide



woodAssembler

- To visualize woodWOP-programs (MPR) in 3D
- Enables the construction of individual workpieces to finished objects



woodVisio

- Objects generated in woodAssembler or Blum Dynalog can be provided with a surface material
- The objects are displays in a free-standing position



woodWOP DXF Basic

- Interface for CAD-Data Import
- Basis to generate woodWOP programs

Software | Machine

Software | Office

You may contact us - WORLDWIDE



Teleservice possibility via basic internet-connection
(TSN-possibility)
Competent spare parts service

WEEKE Communication:
Up-to-date information at all times:
www.weeke.de

Any questions, new ideas, criticism & praise to:
info@weeke.de



Aggregates



**Tracing routing
aggregate with
tracing ring**

Ø 70 mm |
130 mm



Cam box router

2 spindles,
Ø 16/20 mm



**Drilling/Routing,
swivelling**

cranked –
(0° - 90°)



Drilling/Routing,

4 spindles for
torque support

Options



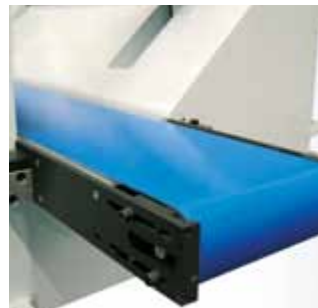
Air-conditioning

Air-conditioned cabinet



Multi clamping system

E.g. for frame and narrow
parts



Chip conveyor

Chip conveyor integrated in
the machine frame for dispo-
sing of the chips and waste



Software

- woodWOP DXF
Professional
- Machine Data Recording
Professional
- Barcode Software



**Tilting stops for veneer
overhang**

Guarantee simple position-
ing of panels with veneer
overhang



woodCAD/CAM

Creates reliability in the order
and manufacturing process
from the first sketch to the
final product



Barcode connection

Barcodescanner / -software



CNC set-up trolley

- Processing tools and main-
tenance aids are centrally
available
- Dimensions:
appr. 1190 x 600 x 900 mm
- Max. capacity load:
appr. 500 kg

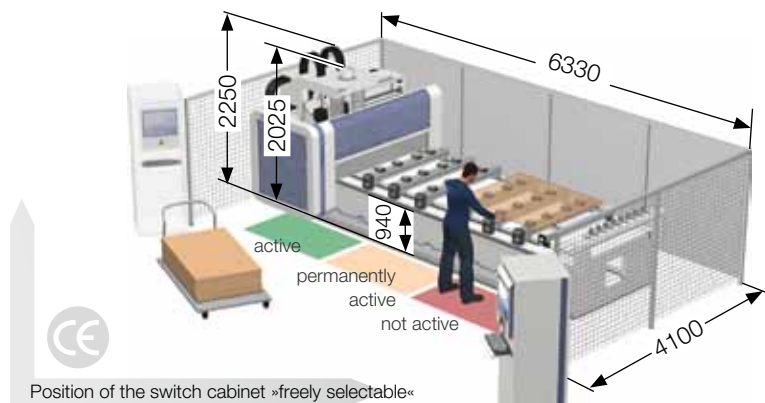
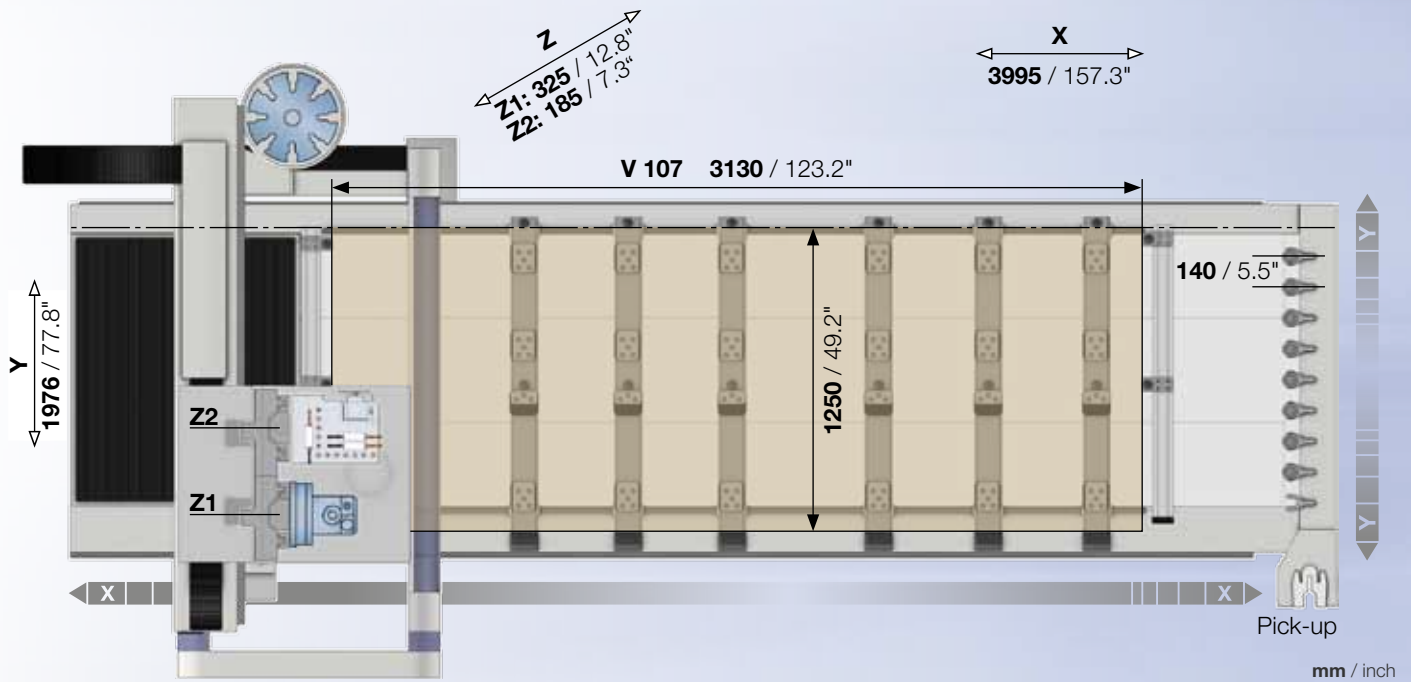
Handling example: Venture and ABD 100



Highlights ABD series

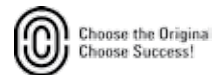
- Easy way to realize drilling and routing
- CNC-controlled
- Addition to the processing center or stand-alone
solution
- Easy software programming with woodWOP
- Simple and rapid material handling
- No set-up times

Technical data



Position of the switch cabinet »freely selectable«

		X	Y	Z
Working field	mm / inch	3130 / 123.2	1250 / 49.2	100 / 3.9
Travel range	mm / inch	3995 / 157.3	1976 / 77.8	Z1: 325 / 12.8 Z2: 185 / 7.3
Two-field operation	mm / inch	1260 / 49.6		
Alternating operation	mm / inch	1000 / 39.4		
Vector speed	m/min	(X - Y) 80 - (Z) 20		
Compressed air connection	inch	R ½		
Compressed air required	bar	7		
Dust extraction port	mm	Ø 200		
Dust extraction volume	m³/h	min. 3170		
Total machine weight	kg	appr. 3700		
Electrical power – total connection load	kW	17,5		
Switch cabinet L - W - H	mm	800 - 800 - 1970		



NOTE: Equipment as described in this brochure is subject to technical changes and further developments. Some photos show options which are not included in the standard machine configuration. Technical data refer to standard equipment and are not binding for the order.

Member of the HOMAG Group



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