

# Optimat ABD 150 | 250

## CNC-Drilling and Dowel Inserting Machine



# Optimat ABD 150 | 250

**Horizontal drilling, gluing and dowelling with one machine**

**Highlights:**

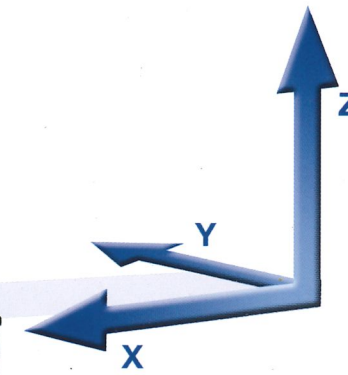
- **CNC-Axes in Y- and Z-direction**  
For automatic adjustment of diverse workpiece thicknesses, drilling depths and distances to the workpiece edge
- Addition to the processing center or stand-alone solution
- No prescribed drilling or dowelling patterns
- Simple and rapid material handling
- No set-up times
- Easy software programming with woodWOP



Optimat ABD 150



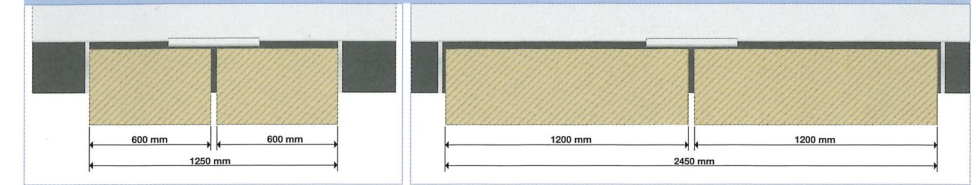
Optimat ABD 250



**Axis:**  
■ X-, Y- and Z-direction:  
CNC-controlled

## Optimat ABD 150 | 250

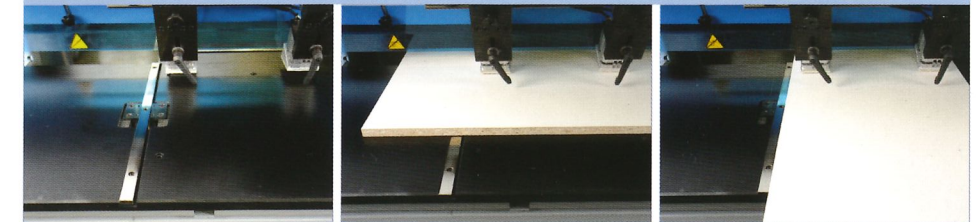
### Alternate operation



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### Center stop



- pneumatically lowerable
  - manual control by (selection) switch
- inactive center stop      active center stop

### Barcode interface (option)



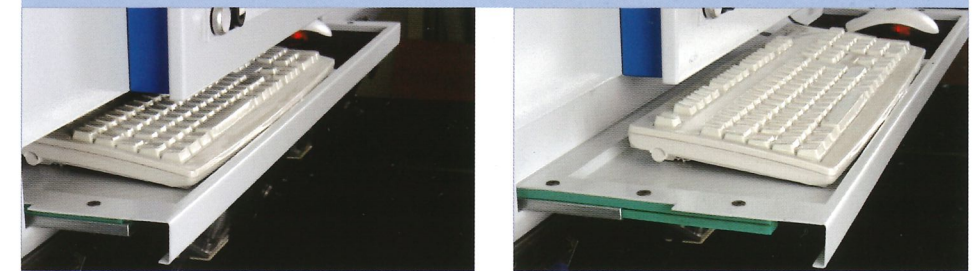
- Barcodescanner / -software

### power control with UPS

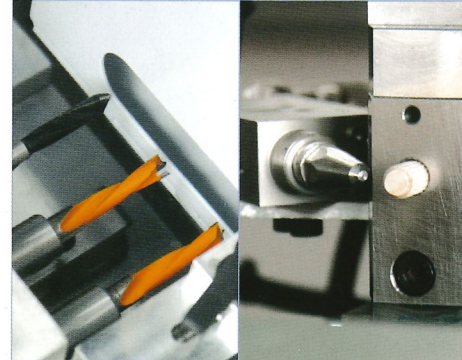


- TFT-Display
- CD-RW device
- Modem
- USB frontside bus
- UPS - protects the computer against damages in case of mains interruption

### Pull-out keyboard

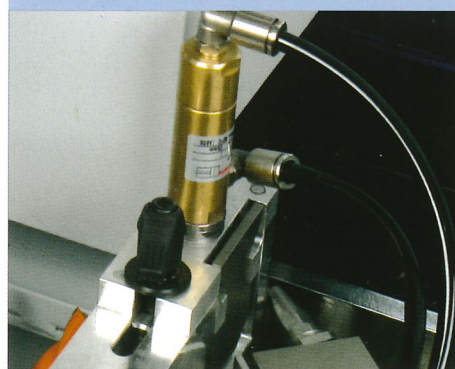


### 3 horizontal drilling spindles and doweling aggregate



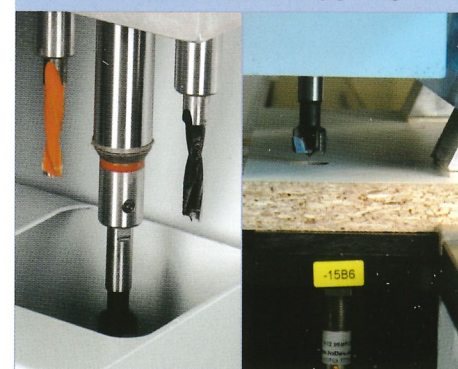
- For precise processing while drilling and dowelling horizontally
- Individually selectable drilling spindles with 32 mm pitch

### Dowelling tool with glue application

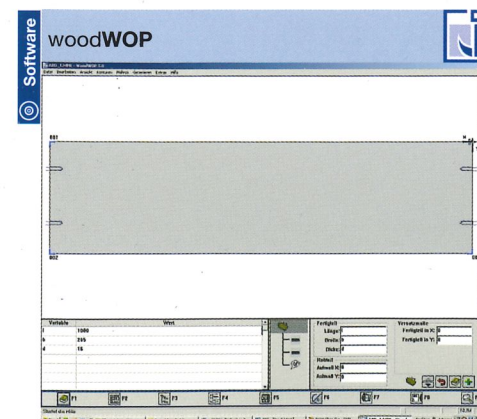


- Glue injector with adjustable glue amount
- Glue flow control
- 32 mm distance from the first drilling spindle

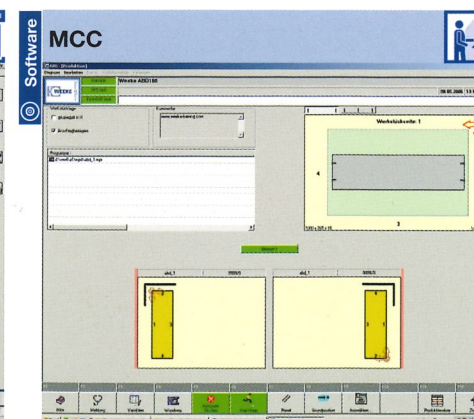
### 3 vertical drilling spindles (option)



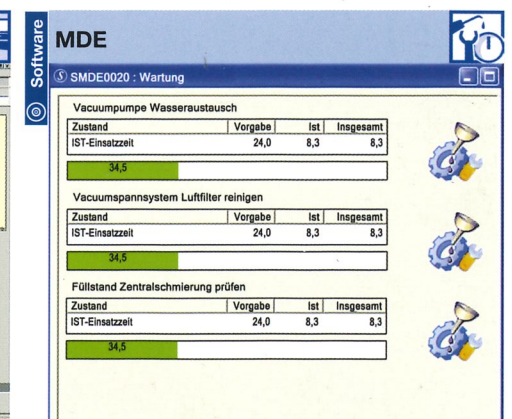
- Individually selectable drilling spindles with 32 mm pitch for diverse drill diameters up to Ø 35 mm



- Modern software based on Windows®
- More than 15.000 installations worldwide

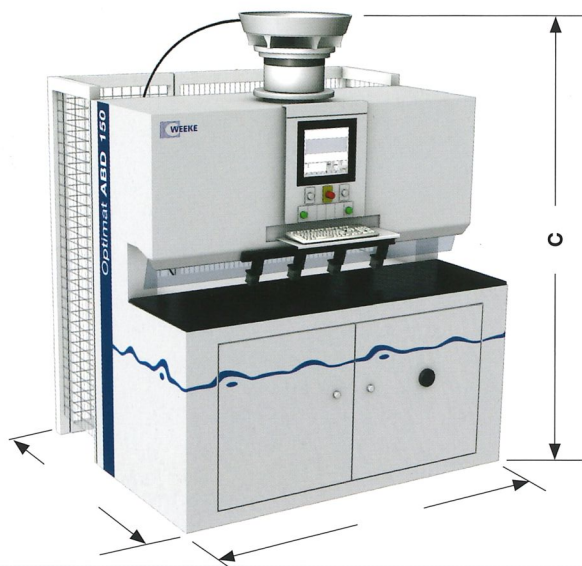


- Modern and simple control of main machine functions through soft keys
- Graphical loading



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

## Setting up dimensions



Dimensions	ABD 150	ABD 250
A	1540 mm	1540 mm
B	2250 mm	3500 mm
C	2285 mm	2285 mm

## Handling example



## Technical Data

Workpiece dimensions		ABD 150	ABD 250
Length/Width/Thickness (min)	mm	20/50/10	20/50/10
Length/Width/Thickness (max)	mm	1250/800/60	2500/800/60
Compressed air connection	inch	R 1/2"	R 1/2"
Compressed air supply	bar	min. 7	min. 7
Total connected voltage	kW	appr. 9,7	appr. 9,7
Extractor connection	mm	1 x D 80	1 x D 80
Extraction speed	m/sec.	min. 30	min. 30
Supply voltage	A	25	25
Total machine weight	kgs	appr. 1600	appr. 2200

## 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.com](http://www.weeke.com)
- Any questions, new ideas, criticism & praise to: [info@weeke.de](mailto:info@weeke.de)

## contact



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