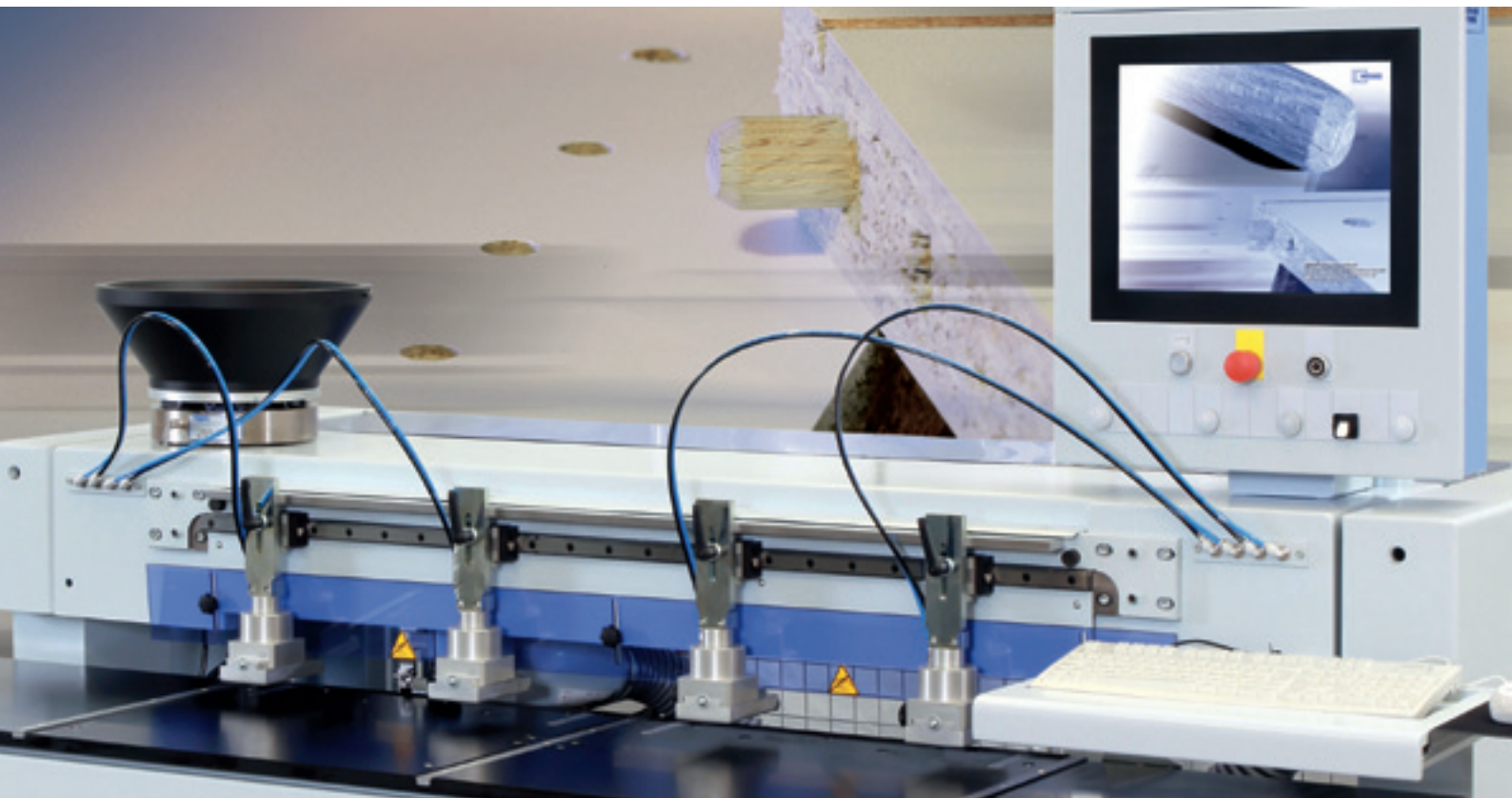


ABD 050/060 Optimat CNC-Drilling and Dowel Inserting Machine



Horizontal drilling and dowelling in a single machine

Whether as individual machine or as complementary product in connection with a CNC processing center – the ABD has got exactly two tasks: drilling and dowelling – making the machine more efficient than ever before.

Maximum workpiece dimension

ABD 050/12	1250 mm
ABD 050/28	2800 mm
ABD 060/12	1250 mm
ABD 060/28	2800 mm

Pict. rh: High-speed dowelling and drilling unit

For precise processing while drilling and dowelling horizontally



Clamping cylinder

- Manually length and thickness adjustable
- 4 Clamping cylinders **ABD 050/060/12**,
8 Clamping cylinders **ABD 050/060/28**



Low-pressure glue pump 1:1

- Double membrane pump 1:1, low-noise level, compact and with low energy consumption

Central stop and lateral stop

- Pneumatically lowerabler

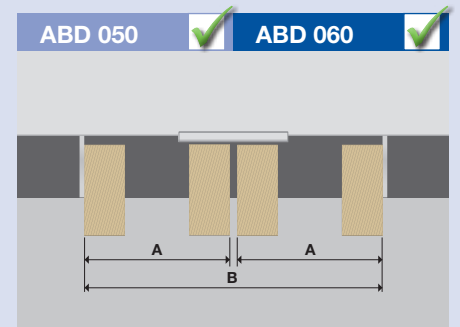
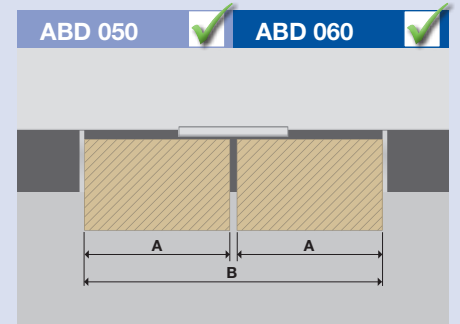


Vibrating conveyor

- For automatic dowel infeed of standard dowels of 8 x 30 mm or 8 x 35 mm

Alternating operation

- Depending on the workpiece dimensions the ABD Optimats can be fed with up to 4 workpieces.



A	ABD 050/060/12	600 mm
B	ABD 050/060/12	1250 mm
A	ABD 050/060/28	1380 mm
B	ABD 050/060/28	2800 mm

ABD 060 (3 spindles individually selectable)

ABD 050



	CNC-controlled axes	Manually adjustable axes
ABD 050	X	Y / Z
ABD 060	X / Y / Z	-



All inclusive | Software

With this software package you are »Ready to Race«. With more than 30.000 installations of the software woodWOP you get one of the most established CNC-programming systems worldwide.

Please use our website:

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www.woodWOP-Forum.de

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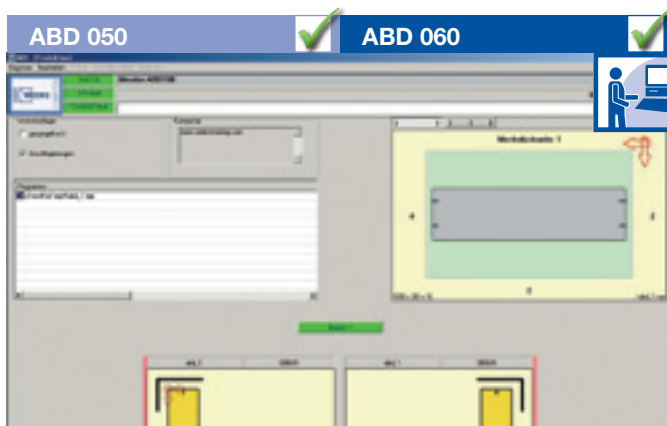
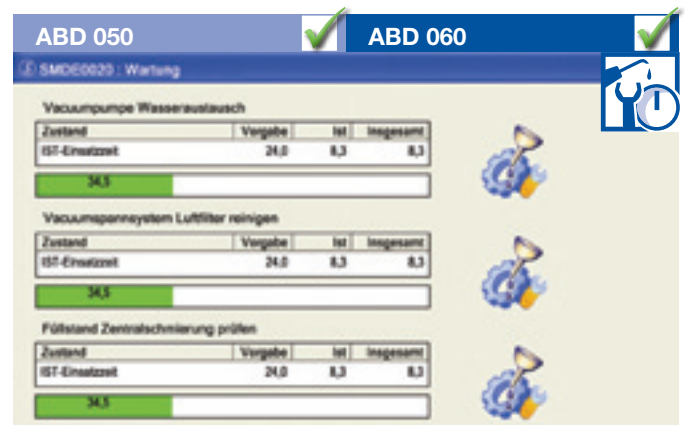
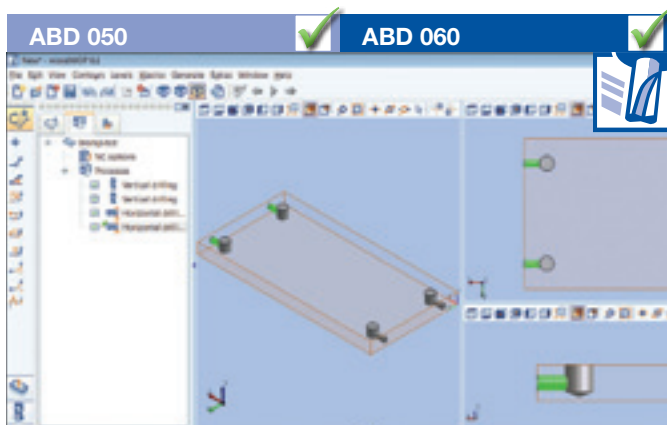
www.weeke.com → Products → Software

woodWOP | License „Machine“

- Modern software based on Windows®
- More than 30,000 installations worldwide

Machine Data Recording

- Collecting and evaluating machine states via time meter and event meter



ABD Work

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

powerControl

- 17" TFT-monitor
- Intel® inside
- Provision teleservice capability
- USB frontside bus
- Ethernet connection 10/100 Mbit

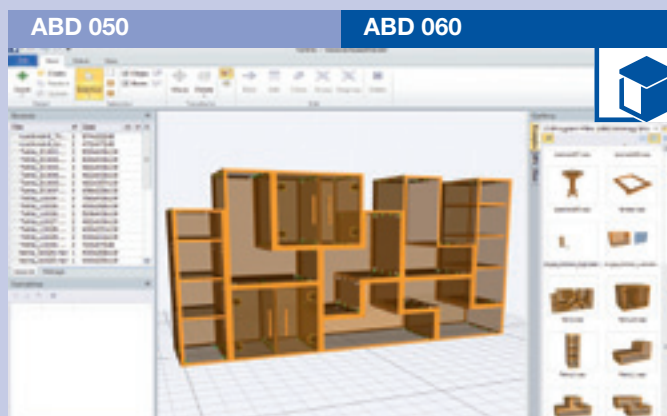
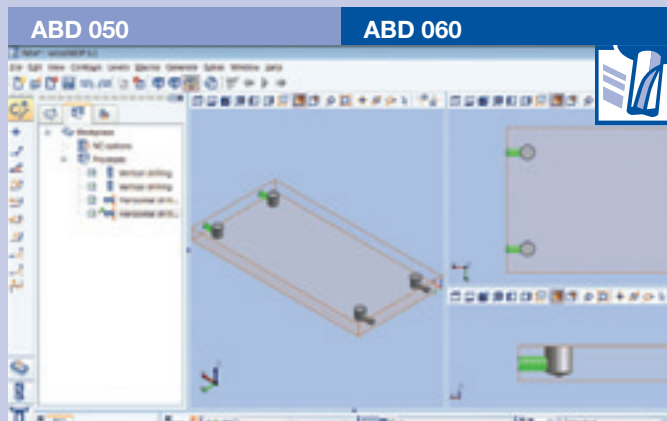
Option | Office-Package

woodWOP | License „Process Planning Workplace“

- Modern software based on Windows®
- More than 30,000 installations worldwide

woodWOP DXF Basic

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



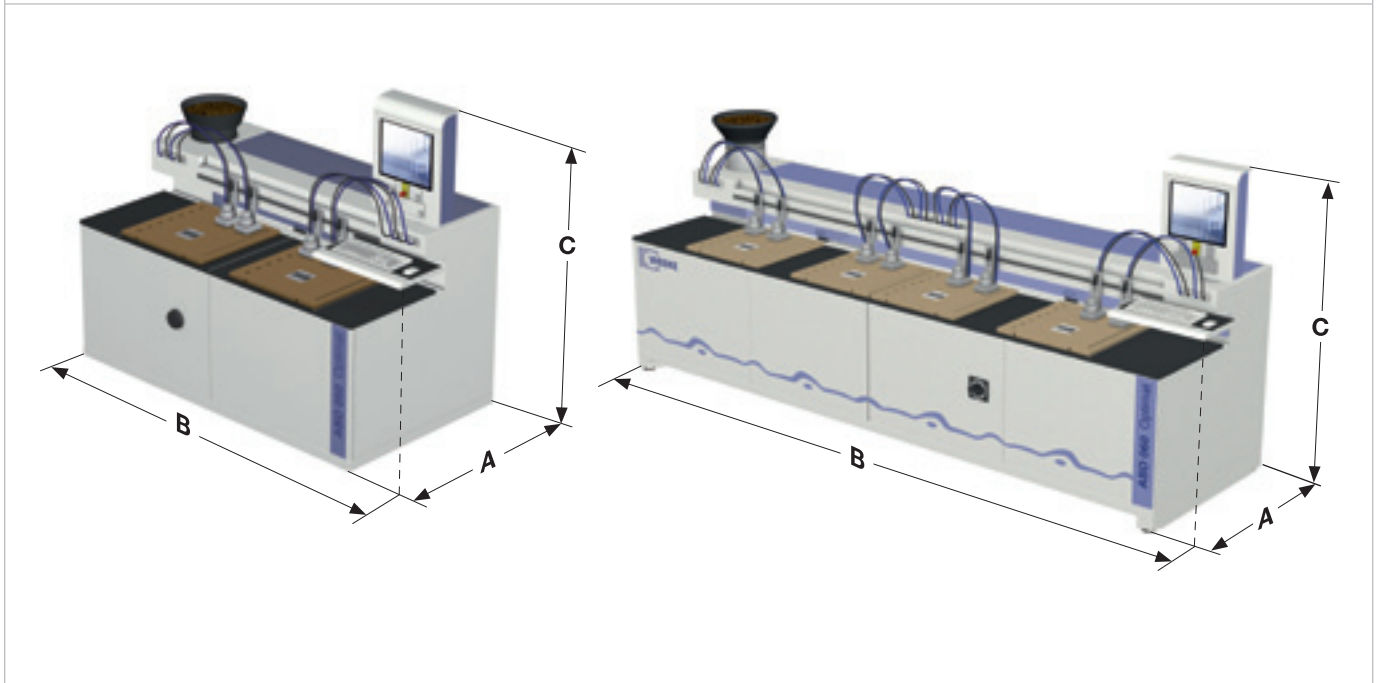
woodAssembler

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

Barcode connection

- Barcode scanner / Barcode software
- Supported barcodes:
 - 1D – Barcode and 2D – Data Matrix Code
- Every workpiece is exactly identified for the further workpiece flow

Handling example / Technical data



Dimensions		ABD 050/12	ABD 050/28	ABD 060/12	ABD 060/28
A	mm / inch	1436 / 56.6	1436 / 56.6	1436 / 56.6	1436 / 56.6
B	mm / inch	2568 / 101.1	4118 / 162.1	2568 / 101.1	4118 / 162.1
C	mm / inch	2012 / 79.2	2012 / 79.2	2012 / 79.2	2012 / 79.2

Workpiece dimensions		ABD 050/12	ABD 050/28	ABD 060/12	ABD 060/28
Length	mm	20 – 1250	20 – 2800	20 – 1250	20 – 2800
Width	mm	50 – 800	50 – 800	50 – 800	50 – 800
Thickness	mm	10 – 60	10 – 60	10 – 60	10 – 60
Compressed air connection	inch	R 1/2"	R 1/2"	R 1/2"	R 1/2"
Compressed air supply	bar	min. 7	min. 7	min. 7	min. 7
Total connected voltage	kW	approx. 4,5	approx. 4,5	approx. 4,5	approx. 4,5
Extraction connection	mm	Ø 80	Ø 80	Ø 80	Ø 80
Extraction speed	m/sec.	30	30	30	30
Supply voltage	A	10	10	10	10
Total machine weight	kg	approx. 1100	approx. 2200	approx. 1100	approx. 2200

Focussing on the essential



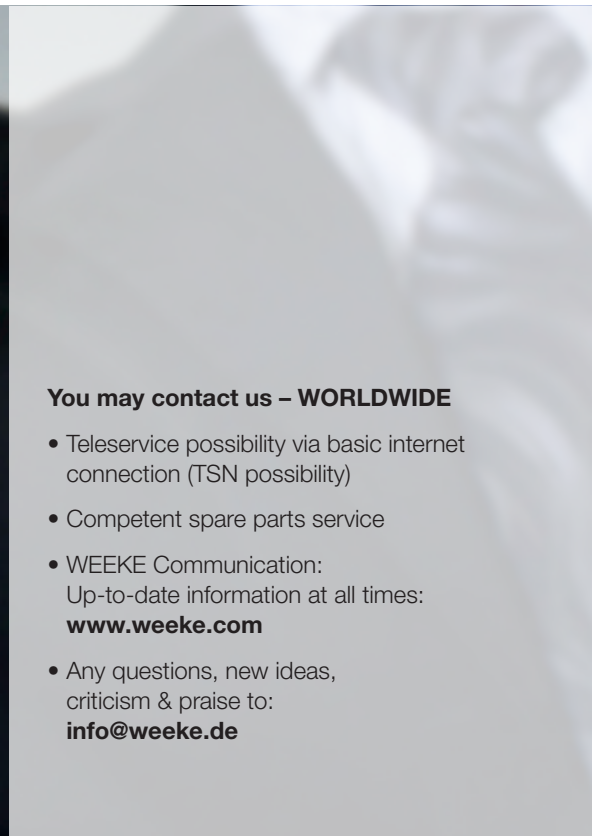


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A campaign of the VDMA

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Pictures may show special equipment.

ABD 060/060 05/2015 EN



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