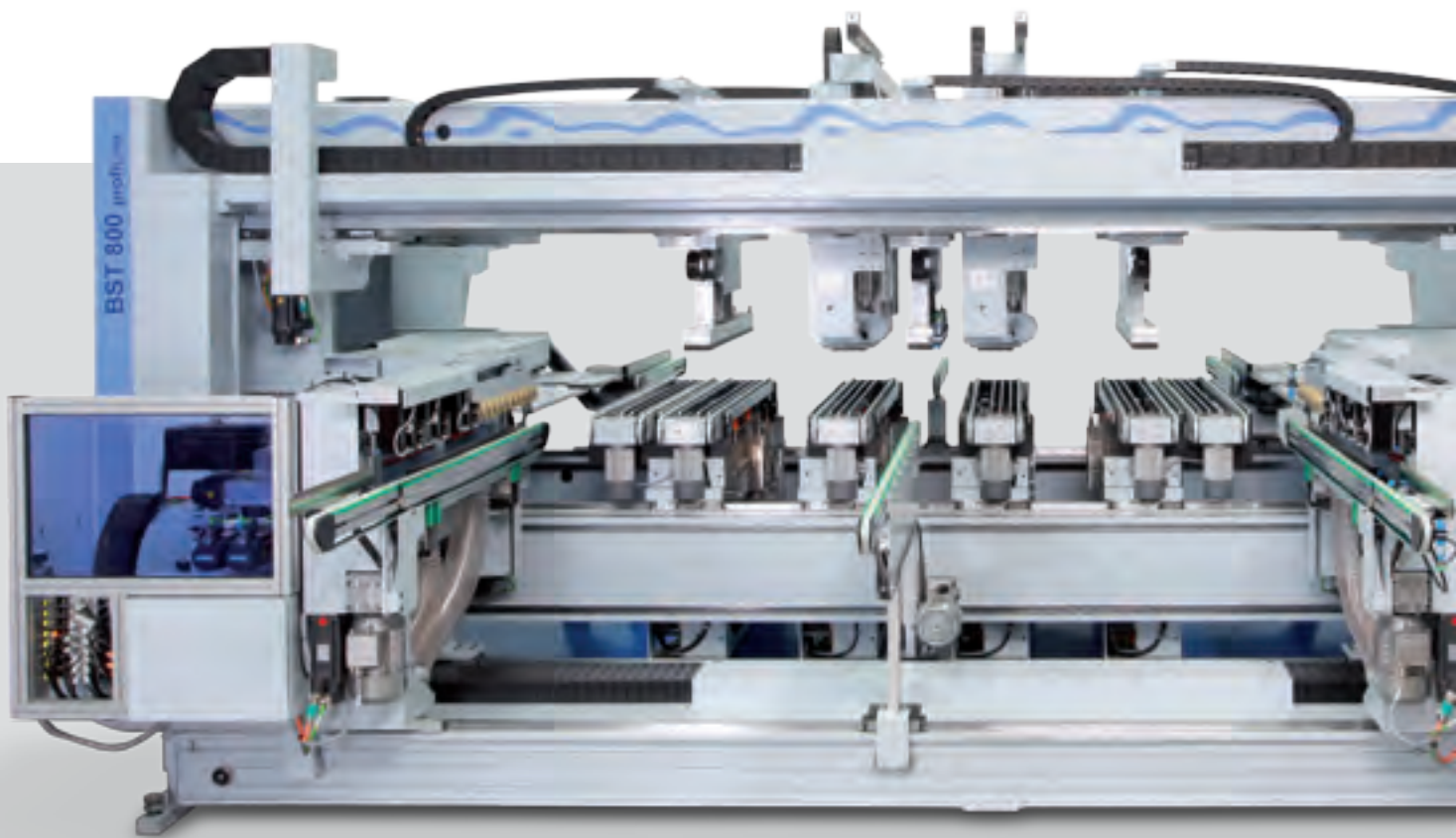


Drilling system BST 800



BST 800 – pure dynamics – an adventure

Up to 730 individually activated high-speed spindles provide a unique drilling performance beyond competition regarding speed and dynamics. All spindles are equipped with the patented spindle clamping thus ensuring a continuously exact drilling depth. High repeat accuracy at batch size 1 is not contradictory here. The setting times tend to zero and workpiece processing in just one passage offer a high degree of productivity.





The performance range:

- Highly dynamic drive system
 - Highest positioning accuracy despite high-speed handling
 - Output: up to 30 pcs./min. in single-cycle operation and 22 pcs./min. in multi-cycle operation
 - Machine setting time tends to zero
- Versatile processing of panels:
 - Vertical drilling from top and bottom with individually activated spindles
 - Horizontal drilling with individually activated spindles
 - Horizontal dowel insertion
- Customer-specific drill equipment
- Flat horizontal workpiece fence and guide system allows vertical drilling in edge zone
- **ecoPlus** – Savings due to stand-by-operation

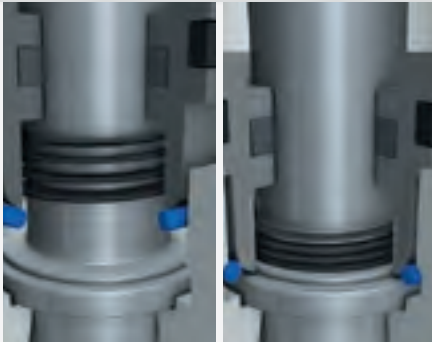
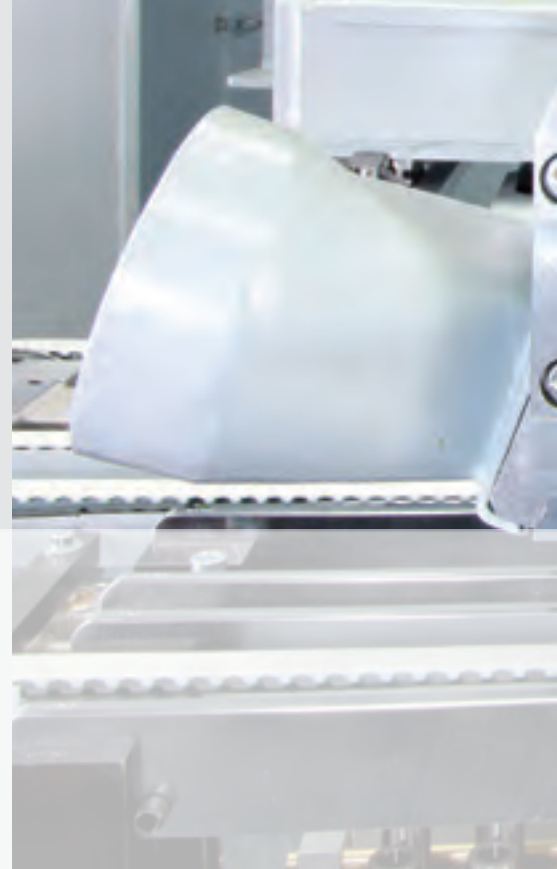
Pictures may also show options



The standards

High-speed drilling blocks (top/bottom)

- With individually activated spindles



Automatic spindle clamping system

- Patented system
- Always exactly the same drilling depth – irrespective of materials
- Constant quality by high repeat accuracy

Configuration example

- Customer-specific drill equipment
- Vertically up to 570 drilling spindles possible
- Horizontally up to 160 drilling spindles possible



Horizontal drilling station

- Horizontal drilling block – individually activated



Drilling supports from top and bottom

- High quality of every drilling operation (example through holes)
- Increased productivity



Workpiece clamping system

- Horizontal fence and guide system for precise positioning of workpieces provides vertical drilling in edge zone

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:

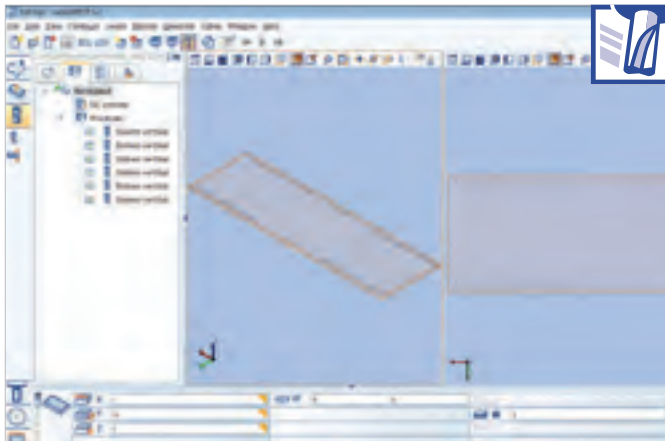
Worldwide largest forum for woodWOP: www.woodWOP-Forum.de

powerControl

- 17" TFT-monitor
- Intel®Core™ 2 Duo Processor
- Provision teleservice capability
- Front USB interface
- Ethernet connection 10/100 Mbit
- Ergonomic hand terminal

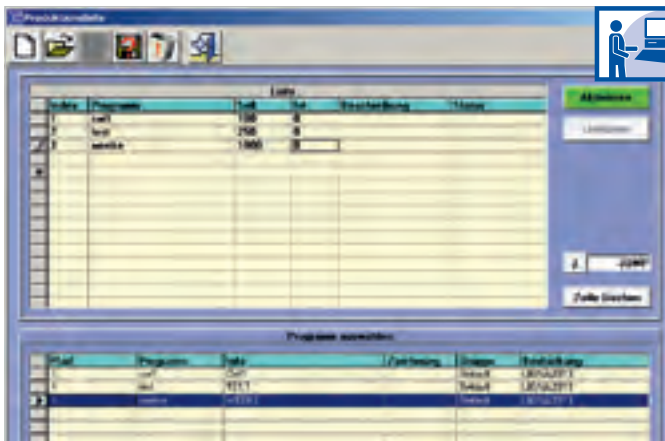
woodWOP

- Worldwide established CNC-programming system – already more than 30.000 installations
- More safety and control in programming by 3D-presentations of all relevant elements



Generator

- With graphic operator guidance to generate the NC-program



Production list software

- For management and creation of product lists for individual manufacturing



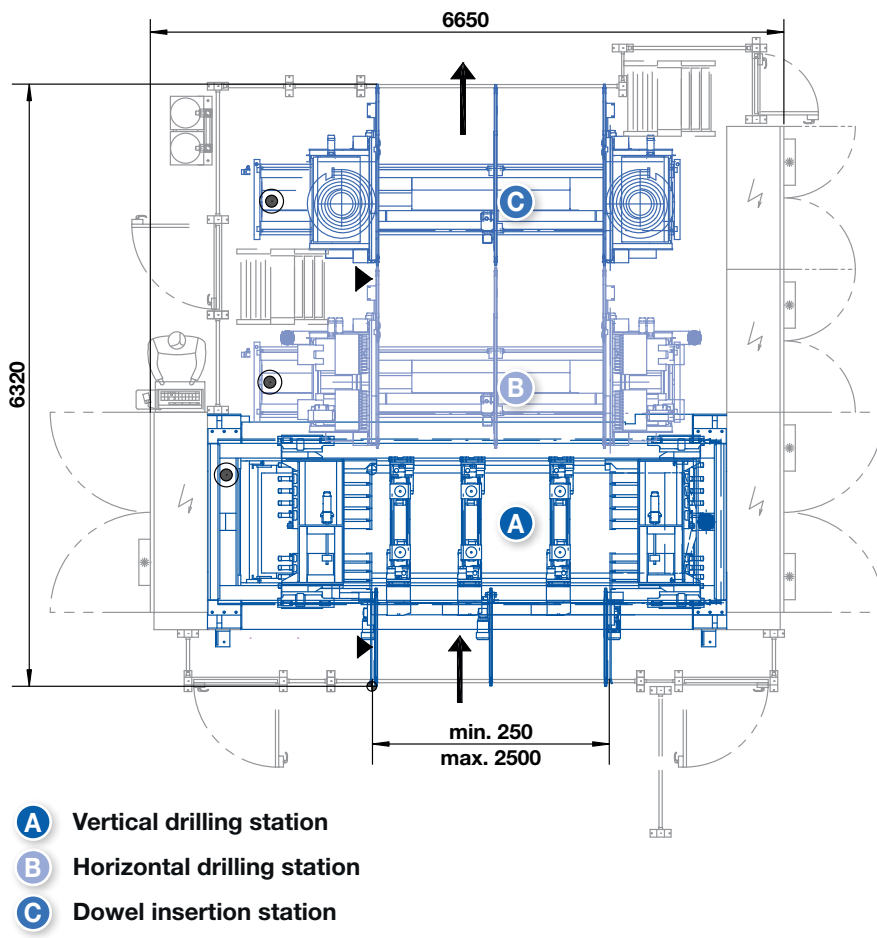
Main user interface topDrill

- Calling up detailed information of machine
- Start processing programs

Technical data



Sample layout BST 800



Equipment types

Vertical | bottom

480

- Up to 6 drilling supports with 2 drilling blocks each, up to 40 individually activated spindles per drilling block

Vertical | top

90

- Up to 3 drilling supports with 2 drilling blocks each, up to 15 spindles per drilling block

Horizontal

42

- Per fixed and moveable side 1 drilling block with 13 or 21 spindles in one row per drilling block

84

- Per fixed and moveable side 2 drilling blocks with 13 or 21 spindles in one row per drilling block

80

- Per fixed and moveable side 1 drilling block with 2x13 or 2x20 spindles in double row per drilling block

160

- Per fixed and moveable side 2 drilling blocks with 2x13 or 2x20 spindles in double row per drilling block

Workpiece dimensions

	Min.	Max.
Workpiece length	250 mm	2500 mm
Workpiece width	100 mm	1050 mm
Workpiece thickness	15 mm	60 mm

Further dimensions on request



Choose the Original Choose Success!

For the Success of Original Technology
A campaign of the VDMA

Subject to technical modifications, misprints and errors.
Pictures may show special equipment.

BST 800 05/2013 E



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