

CNC-Gantry Processing Center profi line BHT 500



Optimat | profi line | power line



profi line BHT 500 – The new generation

“High flexibility at reduced lot sizes and high

With its highly efficient and modern CNC systems for the drilling, routing and assembly technology ranges as well as a comprehensive scope of services and software, Weeke Bohrsysteme are the guarantor for competitive manufacturing of furniture.

On the basis of the profi line BHT 500 we are presenting you the new flexible drilling and routing concept from Weeke Bohrsysteme which unites the advantages of CNC-controlled stationary technology and high-performance throughfeed-drilling machines in practice. This line of products represents a solution for batches in the medium and bottom range guaranteeing high output and realization of complex processes.

The profi line BHT 500 offers you:

- Drilling, sawing and routing in cross throughfeed
- Fully automatic set-up in 30 sec.
- Integrated horizontal drilling on both sides
- Up to 26 individually selectable spindles per horizontal side
- Vertical drilling with up to 80 individually selectable spindles per support
- Automatic allocation of the supports via NC-controlled support system
- Aggregate technology from the modular construction system of the BHC range

The manufacture of complex workpieces in interlinked machine lines is available to you.

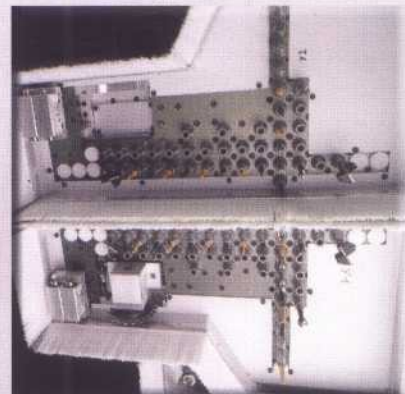
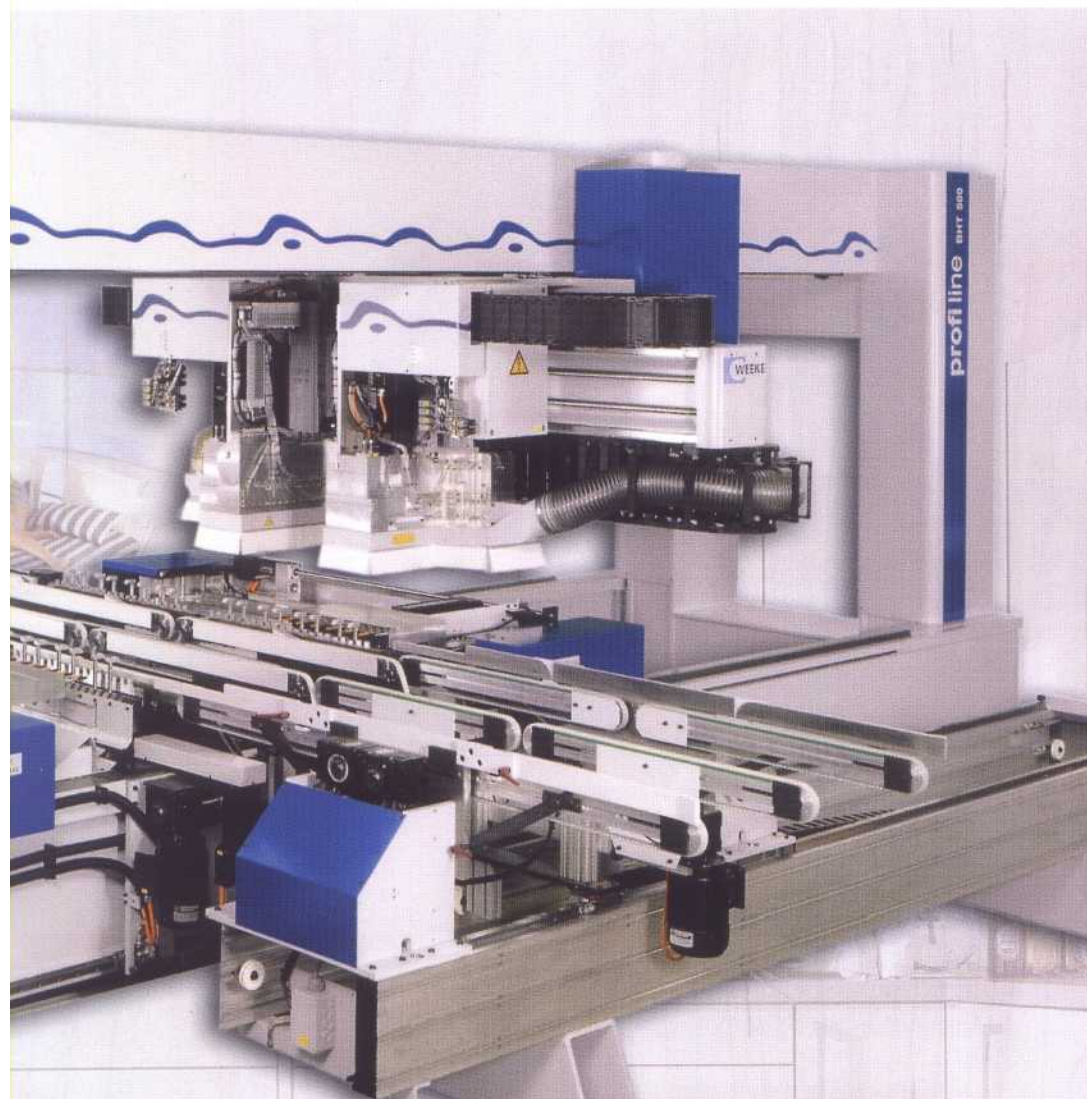


2 transport sections in the machine with 3 transport belts



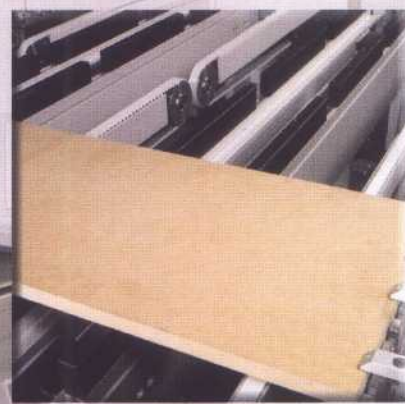
Horizontal drilling precision via flexible clamping device in the edge area

quality demands"



Pictures can also show options

Configuration can be extended as an option



Positionable support system

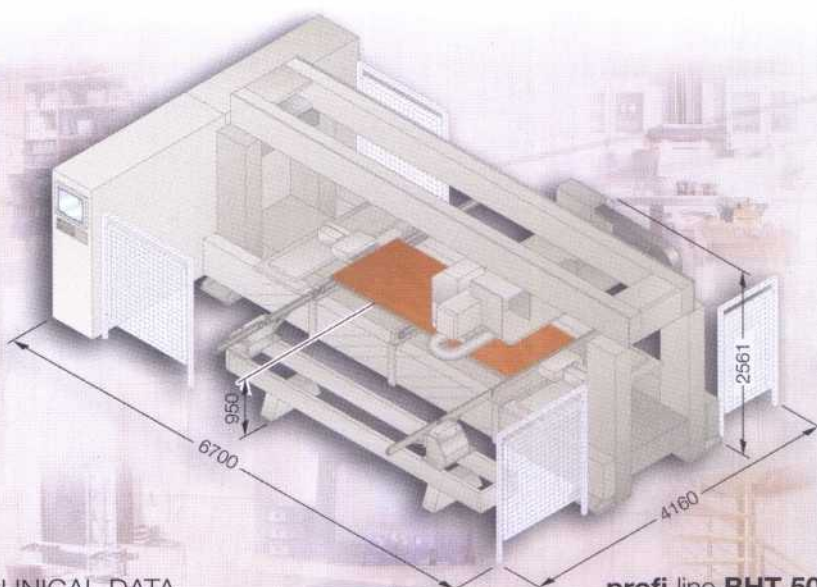


High productivity by double processing



Simultaneous horizontal and vertical processing in one station





TECHNICAL DATA

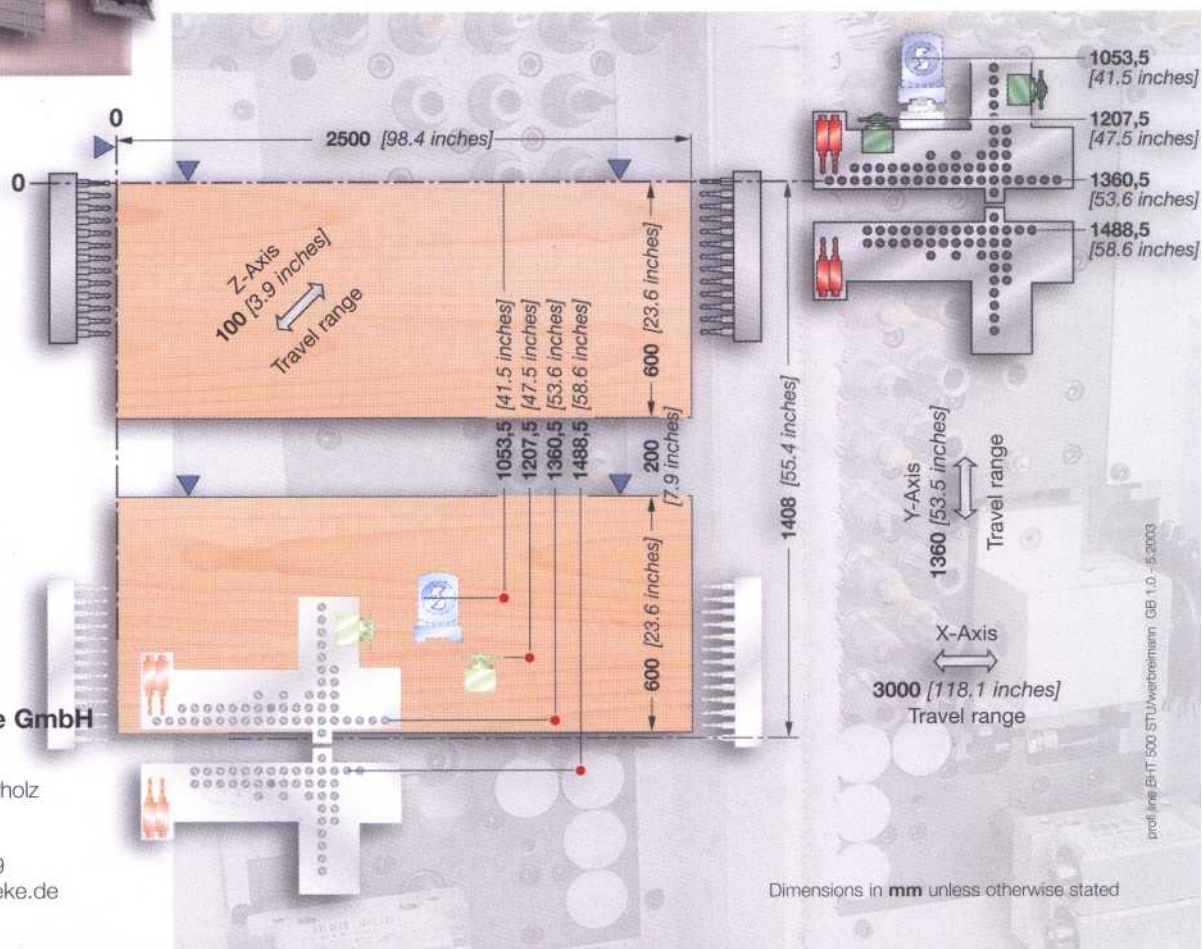
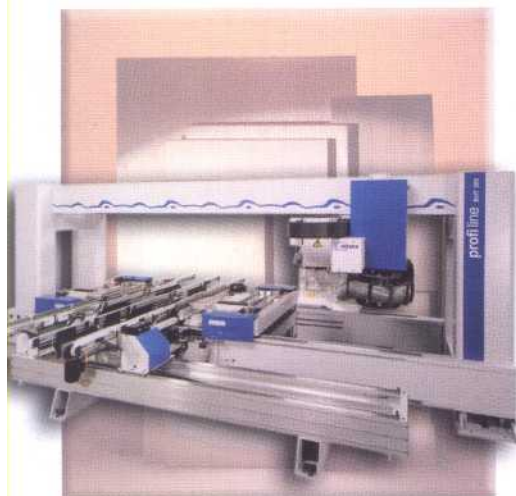
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Travel range	X - Y - Z	mm	3000 / 1360 / 100
Rapid traverse speed	X - Y - Z	m/min	100 / 70 / 25
Workpiece thickness		mm	12 - 45
Compressed air connection		Inches	R 1/2
Compressed air required		bar	7
Dust extraction port		mm	Ø 200
Dust extraction volume		m³/h	min. 3170
Total machine weight		kg	ca. 13.600

Info: Other working lengths on request

Setting-up dimensions refer to our standard machine versions

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



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