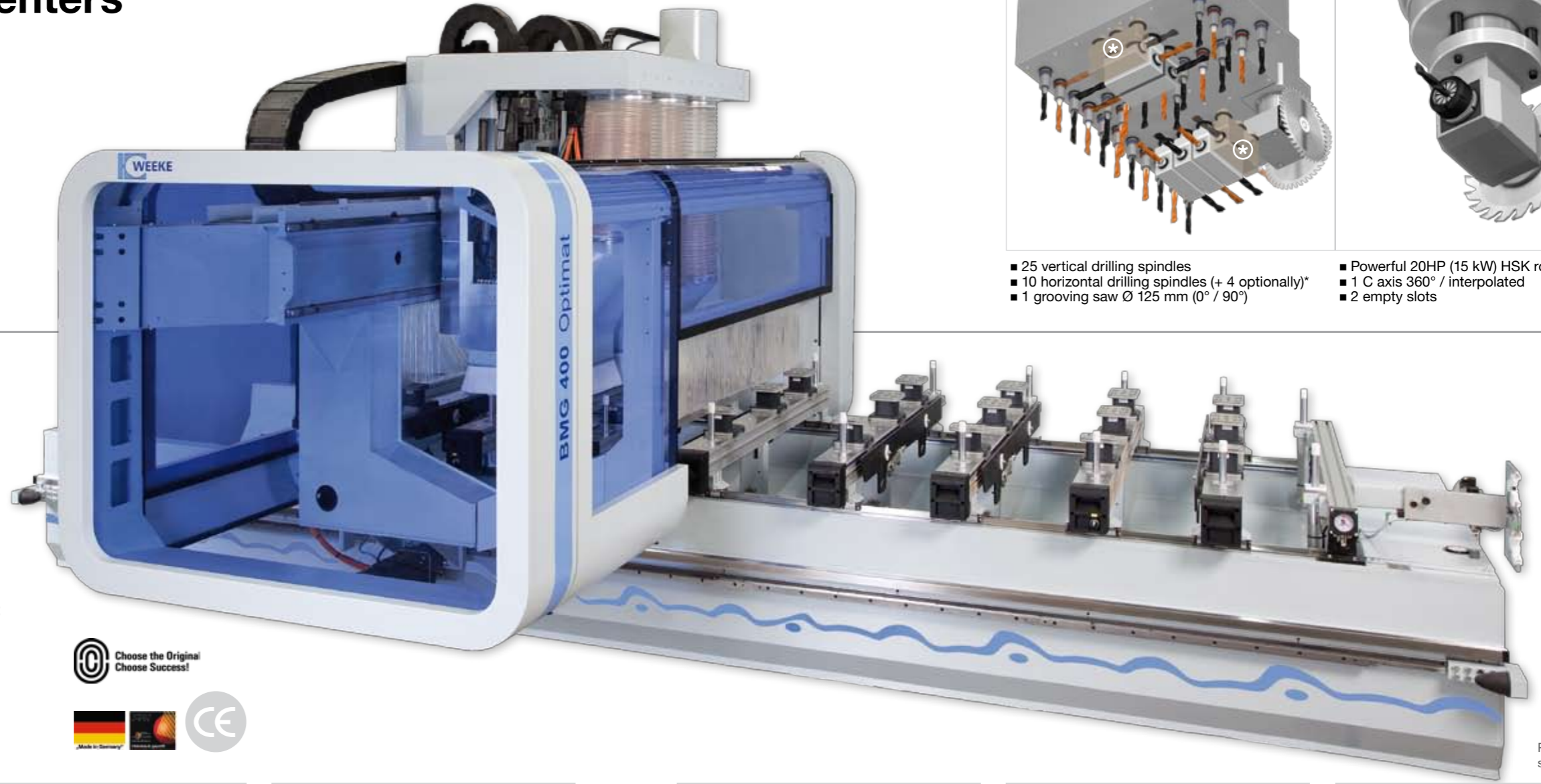


CNC-Gantry Processing Center BMG 400 series

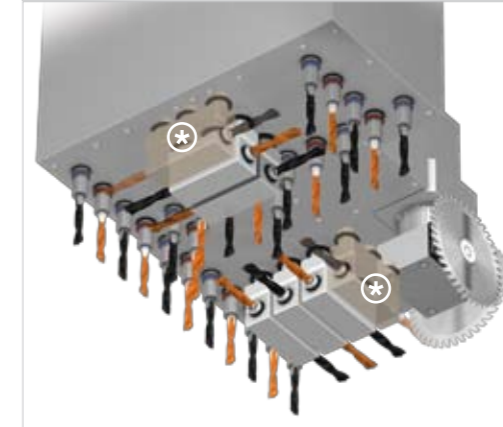




The New Generation of CNC Processing Centers



Configuration



- 25 vertical drilling spindles
- 10 horizontal drilling spindles (+ 4 optionally)*
- 1 grooving saw Ø 125 mm (0° / 90°)

- Powerful 20HP (15 kW) HSK routing spindle
- 1 C axis 360° / interpolated
- 2 empty slots

Highlights:

- Moving gantry with heavy basic machine made of SORBTECH®, the vibration-absorbing material of steel fiber strengthened mineral mixture, ensures excellent processing quality
- Program-controlled dust-collector muff for optimum extraction behavior
- Exchangeable FLEX5+ aggregate with automatic tool change – for drilling, routing and sawing at any angle (optionally)
- Powerful configuration for various requirements:
 - 35 drilling spindles (+ 4 optionally)
 - 15 kW routing spindle
 - interpolating C axis



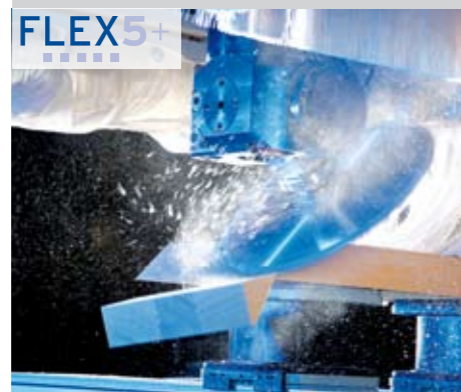
Pictures may also show options

LED-positioning system



- The LED-lights display the correct position of the cups to the operator → up to 70 % faster positioning

FLEX5+ aggregate



- Drilling/Routing/Sawing

Electronic cylinder surveillance



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

High-Speed-7500



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

power control PC85



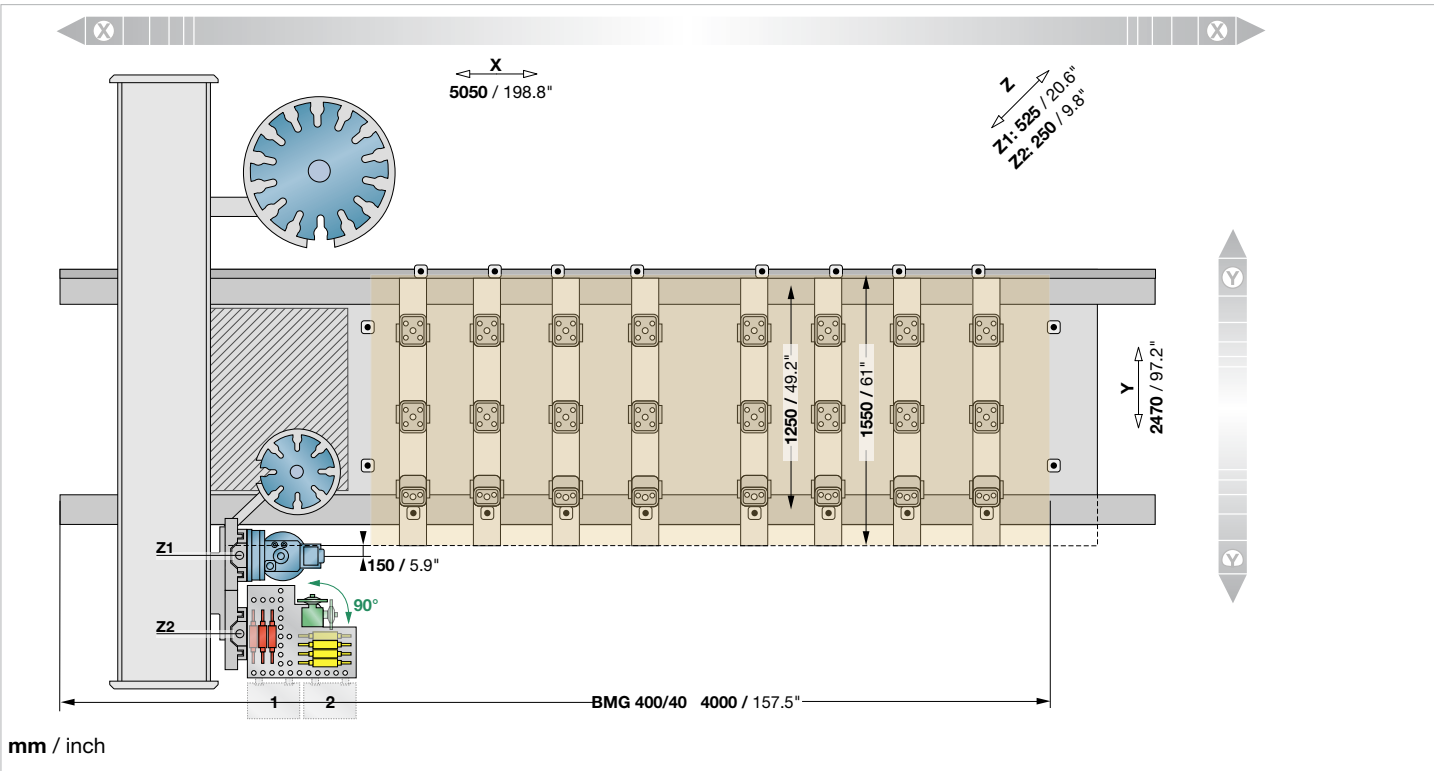
- 17" TFT-monitor
- Intel® Core™ 2 Duo Processor
- Modem
- USB frontside bus
- Ethernet connection 10/100 Mbit
- Ergonomic hand terminal
- Position of the switch cabinet »freely selectable« (left/right)

Software package



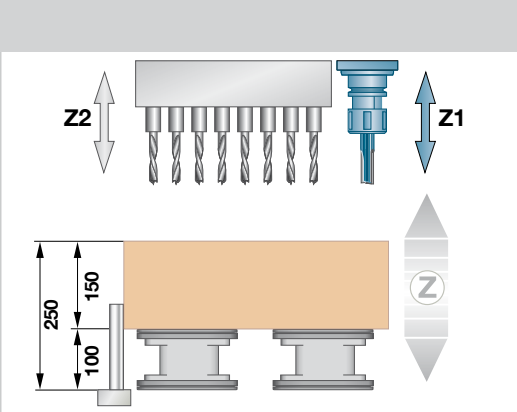
- For the office PC: woodWOP, woodDesign, woodWOP DXF Basic, woodAssembler
- For the machine: MCC, MDE Basic, 3D CNC-Simulator

Technical data



mm / inch

		BMG 400/33	BMG 400/40	BMG 400/60
Working field	X	3300 / 129.9	4000 / 157.5	6000 / 236.2
	Y1	1250 / 49.2	1250 / 49.2	1250 / 49.2
	Y2	1550 / 61.0	1550 / 61.0	1550 / 61.0
	Z	150 / 5.9	150 / 5.9	150 / 5.9
Setting up dimensions	Length*	7100 / 279.5	7850 / 309.1	9850 / 387.8
	Width*	5700 / 224.4	5700 / 224.4	5700 / 224.4
	Height	2530 / 99.6	2530 / 99.6	2530 / 99.6
* without switch cabinet				mm / inch



		BMG 400/33	BMG 400/40	BMG 400/60
Vector speed	m/min	(X-Y) 128 - (Z) 20	(X-Y) 128 - (Z) 20	(X-Y) 128 - (Z) 20
Compressed air connection	inch	R 1/2	R 1/2	R 1/2
Compressed air required	bar	7	7	7
Dust extraction port	mm	Ø 250	Ø 250	Ø 250
Dust extraction volume	m³/h	min. 4950	min. 4950	min. 4950
Total machine weight	kg	appr. 8700	appr. 9200	appr. 10600
Electrical power – total connection load	kW	23,5	26,5	26,5
Switch cabinet L - W - H	mm	800 - 800 - 1970	800 - 800 - 1970	800 - 800 - 1970

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

Member of the HOMAG Group

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