



For machining of large, heavy parts with extra-wide rectangular guides



TECHNICAL PARAMETER

Machine model	VBZ1370	VBZ1580
Travel X/Y/Z	1300/700/650 mm	1500/800/700 mm
Spindle nose-to-table dist.	150-800mm	170-870mm
Spindle to column	785 mm	800 mm
Table dimension	1400 x 710 mm	1700 x 800 mm
Table height from floor	874 mm	1010 mm
Max Load	1000 kg	1500 kg
T-slot width	18 mm	22 mm
T-slot distance	152.5 mm	135 mm
T-slot number	5	5
Taper	BT 50	BT 50
Spindle speed	60-8000 rpm	60-8000 rpm
Main motor	15/18.5KW	15 /18.5KW
CNC Controller	KNUTH GPlus 450	KNUTH GPlus 450
Rapid feed	15000(X,Y axis) 10000mm/min(Z axis)	15000(X,Y axis) 10000mm/min(Z axis)
Cutting speed	5-5000mm/min	5-5000mm/min
Positioning accuracy	± 0.005mm	± 0.005mm
Repeatability accuracy	± 0.004mm	± 0.004mm
Air pressure	0.6 MPa	0.6 MPa
Tool changer (optional)	24 arm	24 arm
Machine weight	11000 kg	13500 kg
Machine size	3770x3486x3071mm	4270x3413x3067mm
Power supply	AC380V/3PH,50Hz	AC380V/3PH,50Hz
Total power	30KW	30KW

PT. Valtekindo Global Intertek

CNC Machining Center PBZ1370 . 1580

~ high cutting power, high torque suitable for heavy cutting and surface machining
~ high speed automatic tool changer, tool change time is only 2 sec
~ wider machine structure is suitable for 3-dimensional parts machining and all kinds of complicated mold machining

- 24-station tool changer with fast dual-arm grippers, tool changing time of 1.7 sec
- Machine bed and vertical guide system feature very wide hardened and ground rectangular guideways
- 4-track box ways in the machine bed for high table load capacity
- Large high-precision preloaded ball screws are driven directly by servo motors for maximum reliability and precision
- Pneumatic tool clamping for easy and quick tool changes
- Automatic central lubrication for low maintenance
- Powerful headstock motors, 15 to 18.5kw in continuous operation

Standard Equipment: Full enclosed splash guard, G-plus 450 Control, 24 arm tool changer, Air-condition, Flood dipping, Ethernet and USB interface, Automatic lubrication system, Coolant system, LED working lamp, End of program light, Electronic Hand wheel (MPG), Tool box, Leveling bolts and blocks, Air gun, Handy coolant gun, operation manuals

Optional equipment: Spindle oil cooler, Chain type chip conveyor, Tool touch sensor, Coolant flow through spindle, 4th axis, Spindle speed: 10000rpm BT50



GPlus 450

- Graphical operator support
- 450 NC blocks per sec
- Look ahead: 300 blocks
- 40 GB hard drive

Note :
Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!



4-TRACK BOX WAY (VBZ1370/1580)



HEAVY DUTY TORSION-RESISTANT CAST-IRON FRAME

DMA-1