

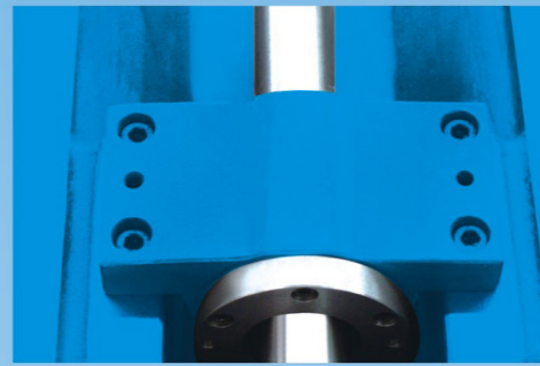


# CNC Machining Center VBZ900C · 900CL · 1100 · 1100L

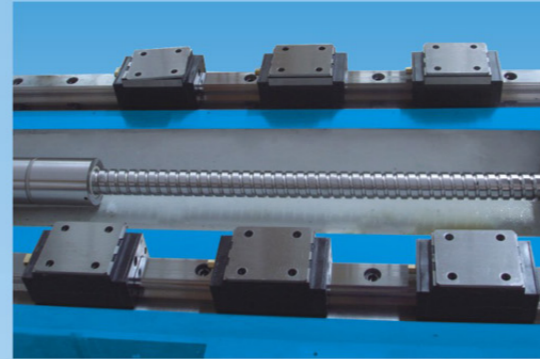


· Extra-wide base and column  
 · Oil and coolant separation system  
 · Coolant wash gun  
 · 6 blocks design of linear guideway (VBZ900CL,1100L)

Machine mode	VBZ900C (Box guideway)	VBZ900CL (Linear guide way)	VBZ1100 (Box guideway)	VBZ1100L (Linear guide way)
Travel X/Y/Z	850/550/700mm	850/550/550mm	1100/600/700mm	1100/600/700mm
Spindle nose-to-table dist.	90-790mm	100-650mm	100-800mm	100-800mm
Spindle to column	605mm	632.5mm	638mm	655mm
Table dimension	950 x 550mm	950 x 550mm	1200 x 600mm	1200 x 600mm
Table height from floor	900mm	900mm	910mm	910mm
Max.Load	650kg	500kg	850kg	800kg
T-slot width	18mm	18mm	18mm	18mm
T-slot distance	100mm	100mm	100mm	100mm
T-slot number	5	5	5	5
Taper	BT40	BT40	BT40	BT40
Spindle speed (belt type)	8000rpm	8000rpm	8000rpm	8000rpm
Main motor	11/15KW	11/15KW	11KW/15KW	11/15KW
CNC Controller	KNUTH Gplus 450	KNUTH GPlus 450	KNUTH Gplus 450	KNUTH GPlus 450
Rapid feed	24000mm/min(X/Yaxis) 20000mm/min(Z axis)	24000mm/min(X/Yaxis) 20000mm/min(Z axis)	24000mm/min(X/Y axis) 20000mm/min(Z axis)	36000mm/min(X/Y axis) 30000mm/min(Z axis)
Cutting speed	5-12000mm/min	5-12000mm/min	5-12000mm/min	5-12000mm/min
Positioning accuracy	± 0.004mm	± 0.004mm	± 0.004mm/300mm	± 0.003mm/300mm
Repeatability accuracy	± 0.003mm	± 0.003mm	± 0.003mm/300mm	± 0.002mm/300mm
Air pressure	0.6MPa	0.6MPa	0.6MPa	0.6MPa
Tool changer (Optional)	24 arm-type	24 arm-type	24 arm-type	24 arm-type
Machine weight	6000kg	5200kg	6800kg	6800kg
Machine size	2600 x 2260 x 2670mm	2600 x 2220 x 2700mm	3100 x 2400 x 2700mm	3100 x 2400 x 2700mm
Power supply	AC380V 3PH,50Hz	AC380V 3PH,50Hz	AC380V 3PH,50Hz	AC380V 3PH,50Hz
Total power	22KW	22KW	22KW	22KW



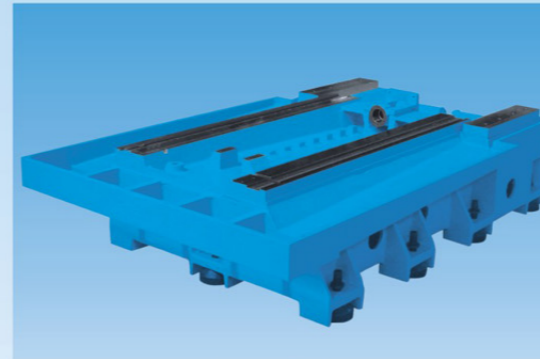
Preloaded ballscrew



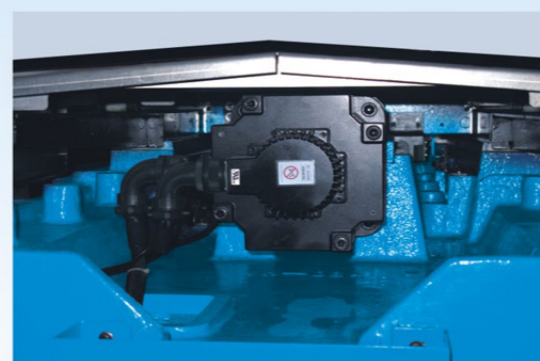
6 blocks design (only for VBZ1100L)



Strong column



Super wide base



Y axis motor at back side is easier for operation and maintenance

### Machine features:

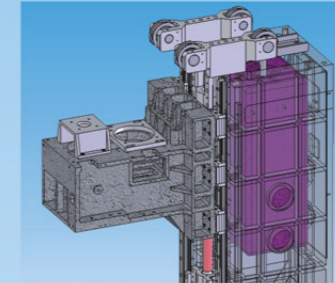
- C3 class ballscrew with preload on three axes
- Extra-wide base with single-piece casting forms a rigid machine structure to avoid deformation and resonance during machining
- Y axis motor at back side to reduce the distance from door to worktable, easier for loading workpiece and maintenance
- Oil and Coolant Separation System to avoid cutting liquid get mixed with the lubricating oil
- Full enclosed housing

### Standard equipment:

Full enclosed splash guard, G-plus 450 Control, umbrella tool changer, Air-condition, Rigid tapping, Ethernet and USB interface, Oil and coolant separation on machine frame, 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:

Fanuc control, 24 arm tool changer, screw type chip conveyor, chain type chip conveyor, tool touch sensor, coolant through spindle, 4<sup>th</sup> axis, 5<sup>th</sup> axis, 15000rpm direct spindle(only for VBZ1100L), 48m/min rapid feed (only for VBZ1100L), chip flushing device



Strong milling head and column

