

Specification:

Item	Specification	Unit	BL-V8	BL-V11
Worktable	Table size	mm	1000×550	1200(1300*)×600
	T slot(NO./width/gap)	mm	5/18/90	5/18/100
	Table max. loading	kg	700	900
Travel	X/Y/Z axes travel	mm	800/550/550	1100/600/600
Spindle	Distance from spindle nose to table surface	mm	120~670	120~720
	Distance from spindle center to column face	mm	600	650
	Spindle type	/	BT40	
	Spindle motor	kw	7.5/11; 11/15*	11/15
	Spindle speed	rpm	8000 (10000 belt-drive*;12000/15000 direct-drive*)	
Feeding axes	X/Y/Z axes linear guideway width	mm	35/45/45(ROLLER type) Z axes 6pcs slide blocks	45/45/45(ROLLER type) X,Z axes 6pcs slide blocks
	X/Y/Z axes max. rapid moving speed	m/min	48/48/48	36/36/36
	X/Y/Z axes ball screw dia./pitch	mm	40/16	40/12
	X/Y/Z axes motor torque	Nm	22/22/22	
Precision	Positioning precision	mm	±0.005	
	Repeatable positioning precision	mm	±0.003	
Tool magazine	Tool magazine type	/	24T Arm type	
	Max. tool weight	kg	7	8
	Max. tool length	mm	280	
	Max. tool dia.(fully loaded)	mm	80	
	Max. tool dia.(no adjacent)	mm	110	
	Tool changing time	/	Tool to tool: 1.8s	Tool to tool: 2s
Others	Overall Size	mm	2500×2200×2500	2900×2300×2600
	Weight	kg	5500	7200

* As option

Main parts list:

Item	Brand
Spindle bearing	JAPAN-NSK/GERMANY-FAG
Ball screw bearing	JAPAN-NACHI/GERMANY-FAG
Linear guideway	TAIWAN-HIWIN/PMI/GERMANY-REXROTH
Ball screw	TAIWAN-HIWIN/PMI
Shaft coupler	JAPAN-NBK/MIKI PULLEY
Spindle	TAIWAN-KENTURN/VYU CHENG
Tool magazine	TAIWAN-DEX
Booster cylinder	TAIWAN-CHEN SOUND
Pneumatic parts	TAIWAN-MINDMAN
Lubrication pump	JAPAN-LUBE
Electric parts	FRANCE-SCHNEIDER

Standard configuration:

- FANUC 0I MF CNC Controller
- 24T ARM type tool magazine

Optional configuration:

- SIEMENS 828D CNC controller
- Chip conveyor
- Coolant through spindle
- Tool setting probe
- 4th axes
- 5th axes