

Specification:

Item	Specification	Unit	BL-Y1050
Worktable	Table size	mm	1200×460
	T slot(NO./width/gap)	mm	5/18/90
	Table max. loading	kg	500
Travel	X/Y/Z axes travel	mm	1000/500/550
Spindle	Distance from spindle nose to table surface	mm	150-700
	Distance from spindle center to column face	mm	520
	Spindle type	/	BT40/Φ150
	Spindle motor	kw	7.5/11; 11/15(opt.)
	Spindle speed	rpm	8000(option:10000 belt-drive/12000 direct-drive)
Feeding axes	X/Y/Z axes linear guideway width	mm	35/35/35(BALL type)
	X/Y/Z axes rapid moving speed	m/min	36/36/24
	X/Y/Z axes ball screw dia./pitch	mm	40/12
	X/Y/Z axes motor torque	Nm	12/12/22
Precision	Positioning precision	mm	±0.005
	Repeatable positioning precision	mm	±0.003
Tool magazine	Tool magazine type	/	24T Arm type
	Max. tool weight	kg	8
	Max. tool length	mm	300
	Max. tool dia.(fully loaded)	mm	78
	Max. tool dia.(no adjacent)	mm	120
	Tool changing time	/	Tool to tool: 2s
Others	Overall Size	mm	2900×2200×2500
	Weight	kg	5500

Main parts list:

Item	Brand
Bearing	JAPAN-NSK
Linear guideway	TAIWAN-HIWIN/PMI
Ball screw	TAIWAN-HIWIN/PMI
Spindle unit	TAIWAN-ROYAL/KENTURN
Tool magazine	TAIWAN-OKADA
Booster cylinder	TAIWAN-HAO CHENG
Pneumatic parts	TAIWAN-AIRTAC
Lubrication pump	TAIWAN-ISHAN
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