

Specification:

Item	Specification	Unit	BL-S450	BL-S550	BL-S640	BL-S850
Capacity	Max. drilling dia.(U driller)	mm	Φ20	Φ22	Φ24	Φ30
	Max. tapping dia.(standard/optional)	mm	M12/M16	M14/M24	M16/M27	M16/M33
Worktable	Table size(L×W)	mm	550×320	600×350	650×380	1000×500
	T slot(NO./width/distance)	mm	3/14/92	3/14/92	3/14/114	5/18/90
	Table max. loading	kg	180	230	300	600
Spindle	Spindle motor power	kw	3.7/5.5	5.5/7.5	5.5/7.5	7.5/11
	Spindle type	/	Own-made(ER32)	Own-made(ER32)	Own-made(ER40)	Own-made(ER40)
	Spindle speed range	rpm	6000			
	Distance from spindle nose to table face	mm	130~460	80~520	105~505	100~600
Feeding axes	X/Y/Z axes travel	mm	435/280/330	550/350/440	600/390/400	800/500/500
	X/Y/Z axes rapid moving speed	m/min	32			
	X/Y/Z axes positioning accuracy	mm	±0.008/300			
	X/Y/Z axes repeatable positioning accuracy	mm	0.005			
	XY/Z axes linear guideway width	mm	30/30/35	30/30/35	35/35/35	35/35/35(ROLLER type)
Tool magazine	Tool magazine type	/	Patent designed turret type			
	Tool changing time	s	1.2	1.2	1.5	1.5
	Tools qty	pc	8			
	Max. tool dia.	mm	Φ63	Φ63	Φ80	Φ80
Others	Overall dimension(L×W×H)	mm	1400×1500×2300	1580×1800×2100	2000×1650×2400	2400×1700×2100
	Weight	kg	1850	2000	2500	4500

Main parts list:

Item	Brand
Ball screw	TAIWAN-SHAC/PMI/HIWIN C3 class
Linear guideway	TAIWAN-PMI/HIWIN H class
Ball screw bearing	CHINA top-HRB P4 class
Spindle	Own-made
Spindle bearing	CHINA Top-HRB
Tool magazine belt wheel& belt	USA-GATES
Tool magazine bearing	JAPAN-NSK
Main electric parts	FRANCE-SCHNEIDER
Lubrication pump	Joint-venture

Standard configuration:

- SYNTEC 6MD CNC controller

Optional configuration:

- SYNTEC 22MA/FANUC 0I MF CNC controller
- 4th axes