

**Features:**

- Adopt HT300 class cast iron
- 3 axes adopt wide linear guideway, high rigidity
- 3 axes adopt big pre-stretched ball screw
- Adopt Slant Disc type 21T/16T tool magazine, fast tool changing



Frame



S600 21T tool magazine



S600 inside



Slant Disc type tool magazine



Pneumatic parts



SYNTEC 22MA controller

Specification:

Item	Specification	Unit	BL-S600	BL-S800
Capacity	Max. drilling dia.(U driller)	mm	Φ18	Φ20
	Max. tapping dia.	mm	M16	M18
Worktable	Table size(L×W)	mm	700×420	900×500
	T slot(NO./width/distance)	mm	3/14/125	5/18/90
	Table max. loading	kg	300	500
Spindle	Spindle motor power	kw	5.5/7.5	
	Spindle type	/	BT30	
	Spindle max. speed	rpm	Direct-drive 12000(opt.:20000)	
	Distance from spindle nose to table face	mm	135~485	120~570
Feeding axes	X/Y/Z axes travel	mm	600/400/350	800/520/450
	Cutting feed speed	mm/min	5~15000	
	X/Y/Z axes rapid moving speed	m/min	48/48/48	48/48/36
	Positioning precision	mm	±0.003/300	
	Repeatable positioning precision	mm	0.003	
Tool magazine	Tool magazine type	/	Slant disc type	
	Tools qty	/	21	16
	Tool changing time(tool to tool)	s	1.6	1.8
	Max. tool dia.(full/(no adjacent tool)	mm	Φ50/Φ120	Φ60/Φ120
Others	Overall dimension(L×W×H)	mm	1900×2100×2200	2400×1700×2100
	Weight	kg	3000	4500

Main parts list:

Item	Brand
Ball screw	TAIWAN-HIWIN/PMI
Linear guideway	TAIWAN-HIWIN/PMI
Ball screw bearing	SWEDEN SKF/GERMAN FAG
Spindle	TAIWAN
Tool magazine	TAIWAN-SANJET
Main electric parts	FRANCE-SCHNEIDER
Pneumatic parts	TAIWAN-AIRTAC
Lubrication pump	JAPAN-HERG

Standard configuration:

- SYNTEC 22MA CNC controller

Optional configuration:

- FANUC 0I MF CNC controller
- 4th axes