

Specification:

Item	Specification	Unit	BL-H60L	BL-H60LC
Capacity	Max. swing dia. over bed	mm	Φ600	
	Max. swing dia. over slide	mm	Φ400	
	Max. turning dia.	mm	Φ600	Φ450
	Max. turning length	mm	1000/1500/2000/3000	
Spindle	Spindle bore	mm	Φ87(Φ105*)	
	Spindle type	/	A2-8(A2-11*)	
	Spindle speed	rpm	2500(2000*)	
	Chuck size	/	10"(12*")	
	Max. bar through dia.	mm	Φ74(90*)	
	Spindle motor power	kw	18.5/22	15(SIEMENS)
	Spindle dividing accuracy	°	/	0.001°
X/Z axes	X axes travel	mm	320	250
	Z axes travel	mm	1000/1500/2000/3000	
	X axes ball screw dia./pitch	mm	Φ32/10	
	Z axes ball screw dia./pitch	mm	Φ40/12	
	X/Z axes linear guideway width	mm	45/55(ROLL type)	
	X/Z axes rapid moving speed	m/min	20/20	
Tool turret	Tool post type	/	10 station hydraulic tool turret	12 station servo powered tool turret BMT65
	Toolshank size	mm	32×32, Φ40	25×25, Φ40
Tailstock	Tailstock quill travel	mm	/	
	Tailstock quill dia.	mm	/	
	Tailstock quill taper	/	MT6#	MT6#
	Tailstock body travel	mm	800/1300/1800/2800	850/1350/1850/2850
Others	X/Z axes positioning accuracy	mm	±0.005	
	X/Z axes repeated positioning accuracy	mm	±0.003	
	Overall size	mm	3600/4100/4600/5600×2200×2360	
	N.W.	kg	7000(for 1000mm)	7100(for 1000mm)

* As option

Main parts list:

Item	BL-H60L	BL-H60LC
CNC controller	GERMANY-SIEMENS	GERMANY-SIEMENS
X,Z axes servo motor&driver	GERMANY-SIEMENS	GERMAN-SIEMENS
Spindle servo motor&driver	CHINA Top	GERMAN-SIEMENS
Spindle	TAIWAN-KENTURN	
Spindle encoder	CHINA brand	GERMANY-HEIDENHAIN
Bearing	JAPAN NSK/GERMANY FAG	
Ball screw	TAIWAN HIWIN/PMI C3 class	
Linear guideway	TAIWAN HIWIN/PMI P class	
Tool turret	TAIWAN-GSA/MYKUN	GERMANY-SAUTER
Chuck&cylinder	TAIWAN-AUTOGRIP	
Hydraulic parts	TAIWAN/JAPAN	
Lubrication pump	JAPAN-HERG	
Nuts	TAIWAN-YINSH	
Main electric parts	FRANCE-SCHNEIDER	

Standard configuration:

- SIEMENS 808D ADVANCED CNC controller
- Hydraulic chuck
- Hydraulic-servo tool turret
- Hydraulic tailstock

Optional configuration:

- SYNTEC/SIEMENS 828D/FANUC CNC controller
- C axes& powered tool turret
- Y axes
- Automatic chip conveyor
- Tool setting probe