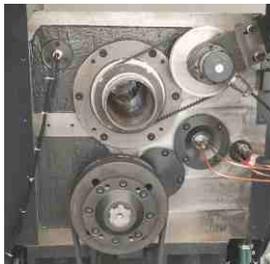
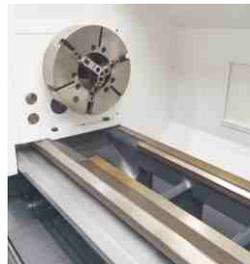


**Features:**

- Adopt China best high strength compound resin sand cast iron
- Adopt mono-block floor type bed, super high rigidity
- Aging treatment, has good vibration absorption and rigidity
- Guideway hardened by ultrasonic frequency and precise ground, good precision keeping
- Guideway stick PTFE, remove creeping, obviously increase precision, wearability and anti-impact force
- Adopt 4 class Integral gear box type spindle, big bore, high rigidity, suitable for heavy turning
- Hydraulic type Automatic class switch



Hydraulic gear spindle



Strong guideway



4 station tool turret



Strong tailstock



Follow rest

Specification:

Item	Specification	Unit	BL-HK80	BL-HK100
Capacity	Guideway width	mm	650	755
	Max. swing dia. over bed	mm	Φ800	Φ1040
	Max. swing dia. over slide	mm	Φ480	Φ650
	Max. turning length	mm	/	1300/2800
	Center distance	mm	1000/1500/2000/3000/4000	1500/3000
Spindle	Spindle bore	mm	Φ105	Φ130
	Spindle head type	/	A1-11	A2-15
	Spindle speed	rpm	20~1000(4 class, hydraulic automatic class switch, stepless speed in every class) I 20~204,II 39~354,III 71~642,IV 124~1000	3.5~500(4 class, hydraulic automatic class switch, stepless speed in every class) I 3.5~160,II 5~233,III 7~345,IV 11~500
	Spindle motor	kw	15(servo)	22(servo)
	Chuck size	mm	Φ315(Manual 3-jaw chuck)	Φ630(Manual 3-jaw chuck)
X/Z axes	X axes travel	mm	430	520
	Z axes travel	mm	760/1350/1850/2850/3850	1300/2800
	X/Z axes rapid speed	m/min	6/7	3/6
	X axes ball screw O.D./pitch	mm	Φ40/5	Φ40/6
	Z axes ball screw O.D./pitch	mm	Φ50/8(1000,1500), Φ63/8(2000,3000),Φ63/10(4000)	Φ63/10
Tool post	Tool turret type	/	Vertical 4 station electric tool turret	Vertical 4 station electric tool turret
	Tool shank size	mm	32×32	40×40
Tailstock	Tailstock quill dia.	mm	Φ100(1000,1500,2000,3000),Φ140(4000)	Φ160
	Tailstock quill travel	mm	250(1000,1500,2000,3000),200(4000)	300
	Tailstock quill taper	/	MT5#(1000,1500,2000,3000),MT6#(4000)	MT6#
Accuracy	X/Z axes positioning accuracy	mm	0.026/0.036(1000),0.040(1500,2000), 0.048(3000),0.056(4000)	0.040/0.050(1500),0.060(3000)
	X/Z axes repeatability positioning accuracy	mm	0.007/0.011(1000),0.014(1500, 2000), 0.020(3000,4000)	0.011/0.018(1500),0.025(3000)
	Turning workpiece roundness	mm	0.004	0.01
Others	Total power	KVA	40	40
	N.W.	kg	7200/8000/8600/9600/11000	10500/12500
	Overall size(L×W×H)	mm	4280×2200×1900 (1000)	4640×2300×2100(1500)
			4880×2200×1900 (1500)	
5800×2260×1900 (2000)				
6850×2260×1900 (3000)				
			7700×2350×1900 (4000)	

* The marked accuracy just follows CHINA national standard GB/T 25659.1, actual accuracy is much higher

Main parts list:

Item	Brand
Spindle bearing	CHINA top
Ball screw bearing	CHINA top
Ball screw	CHINA top
Lubrication pump	JAPAN-LUBE

Standard configuration:

- FANUC 0i TF CNC Controller
- Manual 3-jaw chuck
- 4 station tool post
- Manual Tailstock

Optional configuration:

- SIEMENS 808D/GSK980TDi
- Steady rest
- Follow rest