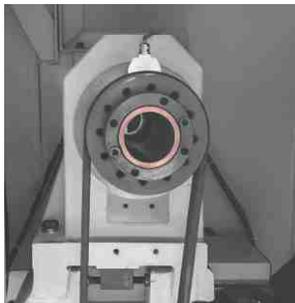


**Features:**

- Adopt China best high strength compound resin sand cast iron
- Aging treatment, has good vibration absorption and rigidity
- Adopt independent spindle, 3000rpm high speed, especially suitable for nonferrous metal processing
- Spindle unit adopt precise angle contact ball bearing and double column cylindrical roller bearings
- 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 independent coolant tank design



Independent spindle



Machine inside



Electricity cabinet



SIEMENS 808D ADVANCED

Specification:

Item	Specification	Unit	BL-TK36S	BL-EK40
Capacity	Guideway width	mm	316	
	Max. swing dia. over bed	mm	Φ360	Φ400
	Max. swing dia. over slide	mm	Φ180	Φ200
	Max. turning dia.	mm	Φ320(vertical 4T tool turret); Φ220(horizontal 6T tool turret)	Φ400
	Center distance	mm	750/690/650 (vertical 4T/horizontal 6 T tool turret/ Φ75mm tailstock quill)	750/1000
	Max turning length	mm	600/540/500 (vertical 4T/horizontal 6 T tool turret/ Φ75mm tailstock quill)	580/830
	Max. workpiece weight	kg	550(8" manual chuck)	
Spindle	Spindle bore	mm	Φ57	
	Spindle head type	/	ISO702/ I A2-6(manual chuck, 8" hydraulic chuck); ISO702/ I A2-5(6" hydraulic chuck)	
	Spindle speed	rpm	140~3000(stepless)	
	Spindle motor	kw	5.5(servo)	
	Chuck size	/	8"	
	X/Z axes	X axes travel	mm	200/150 (vertical 4T/horizontal 6T tool turret)
Z axes travel		mm	610/550/510 (vertical 4T/horizontal 6 T tool turret/ Φ75mm tailstock quill)	590/840
X/Z axes rapid speed		m/min	6/8	
X,Z axes ball screw O.D./pitch		mm	Φ25/5,Φ40/6	
Tool post	Tool turret type	/	Vertical 4/Horizontal 6 station/gang tool	
	Tool shank size	mm	20×20,Φ32	
Tailstock	Tailstock quill dia./travel	mm	Φ55/120(hydraulic tailstock: 100); Φ75/150(hydraulic tailstock:130)	Φ65/120
	Tailstock quill taper	/	MT4#/MT5#(Φ75mm tailstock quill)	
Accuracy	X/Z axes positioning accuracy	mm	0.026/0.032	0.026/0.032(750mm); 0.036(1000mm)
	X/Z axes repeatability positioning accuracy	mm	0.007/0.009	0.007/0.009(750mm); 0.011(1000mm)
	Turning workpiece roundness	mm	0.004	
Others	Total power	KVA	12	
	N.W.	kg	1700	1700(750)/2100(1000)
	Overall size(L×W×H)	mm	2150×1260×1600	2150×1260×1600(750mm) 2400×1260×1600(1000mm)

* 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-CSC/ZWZ
Ball screw bearing	CHINA top-CSC
Ball screw	CHINA top
Lubrication pump	JAPAN-HERG

Standard configuration:

- FANUC 0i TF CNC Controller
- Manual chuck
- 4 station tool post
- Manual tailstock

Optional configuration:

- SIEMENS 808D/GSK980TDi
- Hydraulic chuck
- 6 station tool turret
- Hydraulic tailstock