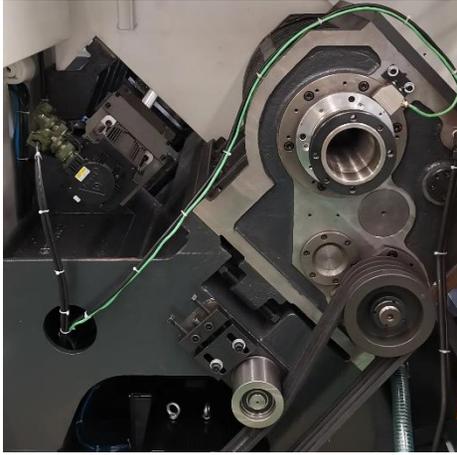


**Features:**

- 45°slant bed, hard box guideway
- Bed adopt China best high strength compound resin sand cast iron
- Guideway hardened by ultrasonic frequency and precise ground, good precision keeping
- Aging treatment,has good vibration absorption and rigidity
- Guideway stick PTFE,remove creeping,obviously increase precision, wearability and anti-impact force
- Spindle use high precision bearing
- Adopt 3 class gear box,suitable for heavy turning.



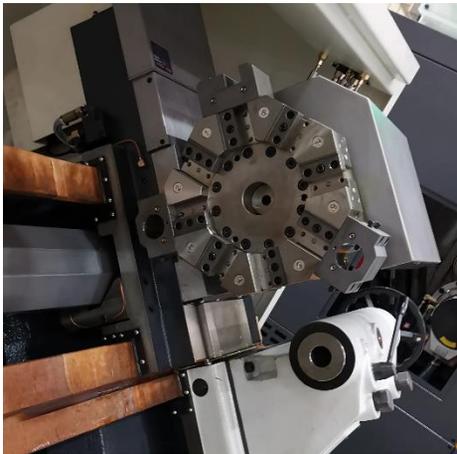
Manual 3-class gear spindle



4 station tool turret



Manual tailstock



8 station tool turret



Fanuc 0i TF CNC controller



Hydraulic steady rest*

Standard configuration:

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

Optional configuration:

- 6/8 station tool turret
- Hydraulic chuck
- Hydraulic tailstock
- Hydraulic steady rest

Main parts list:

Item	Brand
Spindle bearing	CHINA TOP-CSC/ZWZ/HRB
Ball screw bearing	CHINA TOP-CSC
Ball screw	CHINA TOP
Lubrication pump	JABAN-LUBE

Specifications:

Item	Specification	Unit	BL-CBK50	BL-CBK63
Capacity	Bed slant angle	°	45°	45°
	Max. swing dia. over bed	mm	Φ500	Φ630
	Max. swing dia. over saddle	mm	Φ350	Φ445
	Max. turning dia.	mm	Φ420	Φ500(Vertical 4T tool turret); Φ400(Horizontal 8T tool turret)
	Max. turning length	mm	1050(Vertical 4T tool turret); 980(Horizontal 6,8T tool turret)	1000/2000/3000(Vertical 4T tool turret); 800/1800/2800(Horizontal 8T tool turret)
	Max. workpiece weight	kg	700(10" manual chuck)	1200(12" manual chuck)
Spindle	Spindle bore	mm	Φ82	Φ84
	Spindle type	/	A2-8	A1-11(manual chuck);A2-8(hydraulic chuck)
	Spindle speed	rpm	H:162~1620 M:66~660 L:21~210 Manual 3 class gears, stepless in every class	L:20~210 M:50~525 H:155~1600 Manual 3 class gears, stepless in every class
	Spindle motor power	kw	7.5	11
	Chuck size	/	10"	12"
X/Z axes	X axes travel	mm	255	350(Vertical 4T tool turret); 270(Horizontal 8T tool turret)
	Z axes travel	mm	1000	1000/2000/3000(Vertical 4T tool turret); 800/1800/2800(Horizontal 8T tool turret)
	X axes ball screw O.D.	mm	Φ32	Φ32
	Z axes ball screw O.D.	mm	Φ40	Φ50(1000mm)/50(2000mm)/63(3000mm)
	X axes ball screw pitch	mm	5	5
	Z axes ball screw pitch	mm	6	6(1000mm)/6(2000mm)/8(3000mm)
	X/Z axes rapid moving speed	m/min	6/8	8/8
Tool turret	Tool turret type	/	Vertical 4T/Horizontal 6,8T(opt.)	Vertical 4T/Horizontal 8T(opt.)
	Toolshank size	mm	25×25	32×32
Tailstock	Tailstock quill taper	/	MT5#	MT5#
	Tailstock quill dia./travel	mm	Φ90/100	Φ100/150
Others	X/Z axes positioning accuracy	mm	0.026/0.036	X axes≤0.026 Z axes≤ 0.036(1000mm);0.040(2000mm); 0.048(3000mm)
	X/Z axes repeated positioning accuracy	mm	0.01/0.013	X axes≤0.007mm Z axes≤ 0.009(1000mm);0.014(2000mm); 0.020(3000mm)
	Turning workpiece roundness	mm	0.004	0.004
	Overall size	mm	3120×1900×1910	2720/3980/5050×1800×1890
	N.W.	kg	3800	5000/5500/7500