

400MM GUIDEWAY WIDTH, SPINDLE BORE: 52/80/104MM



Features:

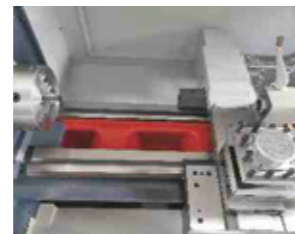
- Guideway width 400mm, suitable for heavy cutting
- Can choose Independent spindle or 3 class gear spindle
- Can choose 52mm, 80mm, 104mm spindle bore
- Bed casted by China best compound resin sand cast iron
- Guideway hardened by ultrasonic frequency, good precision keeping
- Aging treatment, has good vibration absorption and rigidity
- Guideway stick PTFE, remove creeping, obviously increase precision, wearability and anti-impact force
- Spindle use high precision bearing, Germany KLUBER lipid
- High precision ball screw, connected with motor directly



3 class gear spindle



Independent spindle



4 station tool turret



8 station tool turret



SCHNEIDER electricity parts

Specification:

Item	Item	Unit	BL-CAK6140	BL-CAK6150	BL-CAK6161	BL-CAK6166	BL-CAK6180
Capacity	Guideway width	mm	400				
	Max. swing dia. over bed	mm	Φ400	Φ500	Φ610	Φ660	Φ800
	Max. swing dia. over slide	mm	Φ210	Φ280	Φ370	Φ400	Φ540
	Center distance	mm	750/1000/1500/2000/3000				
	Max. workpiece weight	kg	300				
Spindle	Spindle bore	mm	Φ52(Opt.:Φ80/Φ104)				
	Spindle taper	/	MT6#(spindle bore Φ52); Φ90 1:20(spindle bore Φ80); Φ113 1:20(spindle bore Φ104)				
	Spindle speed	rpm	Independent spindle:100~1600;3 class gears:21~150,66~500,162~1500				
	Spindle head type		C6(spindle bore Φ52);D8(spindle bore Φ80,Φ104)				
	Chuck size	/	8"/10"				
	Spindle motor	kw		7.5		11	
X/Z axes	X axes travel	mm	250	260	320	340	410
	Z axes travel	mm	600/850/1350/1850/2850				
	X/Z axes ball screw O.D.	mm	25/50				
	X/Z axes positioning accuracy	mm	±0.015				
	X/Z axes repositioning accuracy	mm	±0.006				
Tool post	X/Z axes rapid rate	m/min	4/6				
	Tool post type	/	Vertical 4T/Horizontal 6,8T				
	Toolshank size	mm	25×25				
Tailstock	Tailstock quill travel	mm	150				
	Tailstock quill dia.	mm	Φ75				
	Tailstock quill taper	/	MT5#				
Accuracy	Turning accuracy	/	IT6-7				
	Turning roughness	μm	Ra1.6				
	Turning roundness	mm	0.005				
	Turning flatness	mm	0.025/300				
Others	Overall size	mm	2450/2700/3200/3700/4700× 1600×1800			2500/2750/3250/3750/4750×1650×1900	
	Net weight	kg	2100/2200/2300/ 2700/3500	2200/2300/2400/ 2800/3600	2250/2400/2600/ 2850/3650	2300/2450/2650/ 2900/3700	2400/2550/2750/ 3000/3800

Main parts list:

Item	Brand
Bearing	CHINA top-HRB
Spindle	Own-made
Ball screw	CHINA TOP
Hydraulic parts	TAIWAN
Electricity parts	FRANCE-SCHNEIDER

Standard configuration:

- GSK980TC3 controller
- Manual chuck
- 4 station tool post
- Manual tailstock

Optional configuration:

- SIEMENS 808D ADVANCED/FANUC 0i TF controller
- Hydraulic chuck
- 6/8 station tool turret
- Hydraulic tailstock