

**Features:**

- Guideway width 312mm, suitable for light process
- Can choose Independent spindle or 2 class gear spindle
- Bed casted by China top quality 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



Gear spindle



312mm guideway width



6,8 station tool turret(opt.)



SCHNEIDER electricity parts



SIEMENS 808D ADVANCED

**Specification:**

Item	Specification	Unit	BL-CK6136	BL-CK6140
Capacity	Guideway width	mm	312	
	Max. swing dia. over bed	mm	Φ360	Φ400
	Max. swing dia. over slide	mm	Φ200	Φ240
	Max. workpiece length	mm	750/1000	
Spindle	Spindle bore	mm	Φ52	
	Spindle taper	/	MT6#	
	Spindle speed	rpm	Independent spindle:100~1600; 2 class gears:25~1600(66~660,65~1600) 2 class gears:100~3000(100~1047,290~3000)	
	Spindle head type	/	C6	
	Chuck size	/	8"	
	Spindle motor	kw	5.5	
	X/Z axes	X axes travel	mm	210
Z axes travel		mm	600/850	
X/Z axes ball screw O.D.		mm	20/40	
X/Z axes rapid rate		m/min	4/6	
X/Z axes positioning accuracy		mm	±0.015	
X/Z axes repositioning accuracy		mm	±0.006	
Tool post		Tool post	/	Vertical 4T/Horizontal 6,8T
	Toolshank size	mm	20×20	
Tailstock	Tailstock quill travel	mm	100	
	Tailstock quill dia.	/	Φ60	
	Tailstock quill taper	/	MT4#	
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	2150/2450×1350×1700	
	Weight	Kg	1300/1400	1600/1700

**Main parts list:**

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

**Standard configuration:**

- GSK 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