

**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					
	X/Z axes rapid rate	m/min	4/6					
Tool post	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	


**MACHINERY DIVISION**
