

Cincom B12/16E Sliding Headstock Type Automatic CNC Lathe Machine

Machine Specifications

Item		B12E II	B12E V	B12E VI	B16E II	B16E V	B16E VI
Maximum machining diameter		12mm Dia.			16mm Dia.		
Maximum machining length		135mm/chuck(R.G.B. in use 60mm/chuck)					
Maximum drilling diameter for the main spindle		6mm Dia.					
Maximum front tapping diameter(tap, die)		M6					
Main Spindle through-hole diameter		20mm Dia.					
Spindle speed		12,000min-1(R.G.B.8,000min-1)			10,000min-1(R.G.B.8,000min-1)		
Maximum drilling diameter for rotary tool		5mm Dia.	-	5mm Dia.	5mm Dia.	-	5mm Dia.
Maximum tapping diameter for rotary tool		M4	-	M4	M4	-	M4
The spindle speed of the gang rotary tool		4,500 min-1	-	4,500 min-1	4,500 min-1	-	4,500 min-1
Maximum chuck diameter of back spindle		-	12mm Dia.		-	16mm Dia.	
Maximum protrusion length of the back spindle workpiece		-	30mm		-	30mm	
Maximum drilling diameter in the back machining process		-	5mm Dia.		-	5mm Dia.	
Maximum tapping diameter in the back machining process		-	M3		-	M3	
Back spindle speed		-	6,000min-1		-	6,000min-1	
Number of tools to be mounted		12	13	16	12	13	16
Tool size	Turning tool	10 Sq.×120mm or 60mm					

	Sleeve	19.05mm Dia.(Option:20mm Dia.)					
Rapid feed rate	X axis	21m/min					
	y axis	21m/min					
	Z axis	15m/min					
	A2 axis	-	15m/min	-	15m/min		
Motors	For spindle drive	2.2/3.7kW					
	For tool spindle drive	0.5kW	-	0.5kW	0.5kW	-	0.5kW
	For the back spindle drive	-	1.0kW		-	1.0kW	
	For cutting coolant oil	0.18kW					
Rated power consumption		3.3kVA	5.2kVA		3.3kVA	5.2kVA	
Load operation average power		2.5kVA	4kVA		2.5kVA	4kVA	
Center height		1,000mm					
Weight		1,100kg	1,150kg		1,100kg	1,150kg	