

Cincom M16 Sliding Headstock Type Automatic CNC Lathe Machine

Machine Specifications

Item	M16VIII
Maximum machining diameter	16mm Dia.
Maximum machining length	200mm/chuck
Maximum drilling diameter for main spindle	10mm Dia.
Maximum front tapping diameter(tap, die)	M8
Main Spindle through-hole diameter	20mm Dia.
Spindle speed	12,000min-1
Maximum chuck diameter of back spindle	16mm Dia.
Maximum protrusion length of the back spindle workpiece	125mm
Maximum drilling diameter in back machining process	8mm Dia.
Maximum tapping diameter in back machining process	M6
Back spindle speed	12,000min-1
Gang tool rotary tool maximum drilling diameter	5mm Dia.
Gang tool rotary tool maximum tapping diameter	M5
Spindle speed of the gang rotary tool	8,000min-1
Maximum drilling diameter for turret rotary tool	5mm Dia.
Maximum tapping diameter for turret rotary tool	M5
Spindle speed of the gang rotary tool	8,000min-1
Maximum drilling diameter for back rotary tool	5mm Dia.
Maximum tapping diameter for back rotary tool	M5
Spindle speed of the back rotary tool	8,000min-1

Number of tools to be mounted		36+α
Tool size	Turning tool	10mm Sq.
	Sleeve	19.05mm Dia.
Rapid feed rate	X1 axis	32m/min
	X2 axis	16m/min
	X3 axis	32m/min
	Y1 axis	32m/min
	Y2 axis	8m/min
	Y3 axis	32m/min
	Z1 axis	32m/min
	Z2 axis	32m/min
	Z3 axis	32m/min
Motors	For spindle drive	2.2/3.7kW
	For back spindle drive	0.75/1.5kW
	For tool spindle drive(gang tool post)	0.69kW
	For tool spindle drive(turret)	0.69kW
	for back Tool spindle drive	0.75kW
	For cutting coolant oil	0.4kW
Rated power consumption		7.9kVA
Load operation average power		5.4kVA
Center height		1,150mm
Weight		2,950kg