

# Cincom M32 Sliding Headstock Type Automatic CNC Lathe

## Machine Specifications

Item		M32V	M32VII	M32VIII
Max. machining diameter (D)		32mm Dia. (38mm Dia. OP)		
Max. machining length (L)		320mm/1chucking		
Max. front drilling diameter		12mm Dia.		
Max. tapping diameter for the front spindle		M12 (Cutting tap)		
Main spindle speed		Max8,000min-1		
Max. chuck diameter for the back spindle		32mm Dia. (38mm Dia. OP)		
Max. drilling diameter for the back spindle		12mm Dia.		
Max. tapping diameter for the back spindle		M12 (Cutting tap)		
Max. length of the back spindle workpiece		145mm (Standard recovery unit)		
Back spindle speed		Max.8,000min-1		
Gang rotary tools	Max. drilling diameter	8mm Dia.		
	Max. tapping diameter	M8 (Cutting tap)		
	Main spindle speed	Max.9,000min-1		
Turret rotary tools	Max. drilling diameter	12mm Dia.		
	Max. tapping diameter	M12 (Cutting tap)		
	Main spindle speed	Max.6,000min-1		
Back rotary tools	Max. drilling diameter	8mm Dia.		
	Max. tapping diameter	M6 (Cutting tap)		
	Main spindle speed	Max.6,000min-1		

Number of tools	Max.	25 to 27 +α	23 to 31 +α	30 to 36 +α
	Turning tools	5		
	Cross drills	5 to 7		8(including 4 B-axis drills)
	Gang tool post backside drills	—		4(including 4 B-axis drills)
	Number of turret stations	10		
	Back tool post drills	5	Max.9	
Tool size	Turning tool	16mm Sq.		
	Sleeve diameter	25.4mm Dia.		
Rapid feed rate	X1,Y1,Z1,Z2,X3,Z3	32m/min		
	Y3	—	32m/min	
	X2	18m/min		
	Y2	12m/min		
	B1	—		50m/min
Motors	Front spindle drive	5.5/7.5kW		
	Back spindle drive	5.5/7.5kW		
	Gang rotary tool drive	2.2kW		
	Turret rotary tool drive	2.2kW		
	Back rotary tool drive	1.0kW		
Pneumatic unit: Required pressure and required flowrate		0.5MPa at 110NL/min (When stationary)		
Machine main unit dimensions		W2,860 × D1,465 × H1,900mm		
Weight		4,300kg		
Rated power consumption		24kVA		25kVA

Load operation average power	13.1kVA
Full-load current	79A
Main breaker capacity	100A