

Technical Specification for CNC (Lathe) Machine for Skill Training Laboratory:

Parameter (Specification)	MM	INCH
Centre Distance	750	30"
Centre Height	200	8"
Swing Over Bed	402	16"
Swing Over Carriage	380	15"
Swing Over Cross Slide	245	9 ¹ / ₄ "
Cross Slide Travel	185	7 ¹ / ₄ "
Bed Width	250	10"
Headstock Main Spindle Bore	42	1 ¹ / ₂ "
Main Spindle Nose / Camlock	A2 - 5 / 5	
Main Spindle Morse Taper (MT)	4	
No. of Speed Ranges - 3 (RPM)	0 - 2800	
Working Feed Z, X (Mm/Min)	0 - 5000	
Rapid Traverse Z (M/Min)	8	
Rapid Traverse X (M/Min)	8	
Z - Axis Ball Screw Ø	40/10	
X - Axis Ball Screw Ø	20/5	
Maximum Tool Dim.	20 x 20	3/4" x 3/4"
Tail Stock Barrel Diameter	58	2 ¹ / ₄ "
Tail Stock Barrel Travel	180	7"
Tail Stock Morse Taper (MT)	4	
Position Accuracy	0.01	
Repeatability	0.01	
Fixed Steady Capacity	125	4 ³ / ₄ "
Follow Rest Capacity	90	3 ¹ / ₂ "
Main Motor Power (Kw)	4	
Pump Motor Power (Kw)	0.37	
Capacity of Coolant Tank (Lts.)	42 / 55	
Overall Dimensions (Mm)	Length	2250
	Width	1115
	Height	1630
	Weight (Kg)	1050
Acceptance Accuracy	DIN 8605	

Standard Accessories for the CNC (Lathe) Machine

1. SIEMENS 808D2
2. Headstock variable speed 3 range
3. Electronic hand wheel for the X and Z axis
4. Chip collecting tray
5. Automatic lubrication of the slide ways
6. Main spindle reducing bush and fixed centre

7. Tailstock reducing bush and fixed centre
8. Coolant equipment
9. Leveling plates
10. Work light
11. CE compliant
12. AUTOMATIC 8 STATION TURRET –
13. 3 JAW CHUCK FITTED WITH HARD JAWS DIA 230 mm (MAX.RPM -1600 ,
HOLE CAPACITY - 55) CI CHUCK