




**CENTRAL TOOL ROOM
LUDHIANA
EXTENSION CENTRE NILOKHERI**



MANUFACTURING WORKSHOP

Sr. No.	Machine	Specification	Qunatity	Photo
1	CNC Lathe	X: 200 mm, Z: 400 mm, Max Dia : 320mm, Max machining length : 400 mm,Control: Fanuc	2	
2	CNC Lathe	X: 200 mm, Z: 400 mm, Max Dia : 320mm, Max machining length : 400 mm,Control: Siemens	1	
3	CNC Milling	Work Area = 800 X 350 X 420 MM, Control: Fanuc	2	
4	CNC Milling	Work Area = 800 X 350 X 420 MM, Control: Siemens	1	
5	CNC EDM Wire- Cut	Table Size: 350 x 500 mm , Main Table Travel,= X=300 mm, Y=200 mm, Z=200 mm, Software: ELCAM	1	
6	Centre Lathe	Maximum Turning Length = 800 mm, Max turning Dia=150 mm, Bed length= 1700 mm , Bed width= 244	5	
7	Knee Type Milling Machine	Work Area = 800 x 265 x 400 mm	2	

8	Knee Type Universal Milling Machine	Work Area = 800 x 265 x 400 mm, Arbour Size= 27 mm	2	
9	Pedestal Grinder	RPM=2800	3	
10	Pillar Drill Machine	Drilling Capacity = 20 mm	4	
11	Shaper Machine	STROKE LENGTH=450 mm, RAM LENGTH =840 mm	1	

CAD/CAM/ CNC LAB

Sr. No.	Software	Version	Quantity
CAD			
1	AutoCAD Mechanical	2024	10
2	AutCAD Civil	2024	10
3	AutoCAD Electrical	2024	10
4	Solidworks	2020	10
5	NX Unigraphics	2027	18
6	Creo	4	150
7	SolidEdge	ST10	60
8	Revit	2024	10
9	3DS Max	2024	10
CAM			
1	MasterCAM	2022	20
2	NX CAM	2027	18
3	Solidworks CAM	2020	10
CNC			
1	Swansoft CNC Simulator	7.2	10
2	Pico CNC Simulator	1	20