

	<b>CENTRAL TOOL ROOM</b> Ministry of MSME (An Indo German Project) A-5, Focal Point, Ludhiana-141010.	Phone: 2670058, 59 2676166 (C&M) Fax: (91) 0161-2674746 Grams: CENTOOLROOM (M) E-Mail: marketing@ctrludhiana.com
	<b>LIST OF MAIN PRODUCTION MACHINES</b>	

Sr. No	MACHINE DESCRIPTION MAKE/ MODEL	BRIEF SPECIFICATION
1.	CNC MACHINING CENTRE DMC 70 V HI-DYN	Table Size -900 x 550mm Movement (XYZ) -700, 550, 500 RPM 1-18000
2.	CNC MILLING CENTRE BMV-70	Table Size -1700 x 710mm Movement (XxYxZ) -710 x 810 x 1500mm
3.	CNC VERTICAL MACHINING CENTRE VF6 WITH LINEAR SCALE	Table Size -710 x 1625mm Movement (XxYxZ) -1500 x 800 x 750mm
4.	VERTICAL MACHINING CENTER BRIDGE PORT VMC 2216,	Table Size -900 x 350mm Movement(XYZ) 560 X406 X 508
5.	5-AXIS CNC MILLING WITH SWIVELLING ROTARY TABLE	TABLE LOAD 1000Kg ROTARY TABLE DIA 650 X540MM TRAVERSE (XYZ) 650 X600X 500MM COLLISION CIRCLE DIA 840MM
6.	CNC UNIVERSAL CYLINDER GR. M/C. S30 LEAN PRO	Center Distance-1000mm Center Height-175mm
7.	SURFACE GRINDING MACHINE	Table size-1500X750 Height- 200mm
8.	SURFACE & PROFILE GRINDING M/C. JF 520	Table Size-600x200mm Movement (xYy) -600x200mm
9.	JIG BORING MACHINE OP-3	Table Size -595 x 320mm Movement (XxYxZ) 400 x 250 x 400mm
10.	JIG GRINDING MACHINE HAUSER	Table Size-350x600mm Movement -(XxYxZ) -250x400x400mm
11.	SODICK CNC EDM –AD55L	Table Size - 750 x 550mm Movement ( XYZ) 600 X 400 X400MM
12.	AGIE CHARMILLES CNC EDM MODEL FORM 30	Table Size-1000 x 700mm Movement (XxYxZ) 600 x 400 x 400mm
13.	AGIE WIRE CUT CLASSIC 25	Table Size -750 x 550 x 250 Ra = 0.3mm Movement -350 x 250 x 250
14.	CNC WIRE CUT EDM ROBOFIL 290 CHARMILLES	Table Size-850x500x200 Movement (XxYxZ) -400x250x200 Max. Taper L30°
15.	CNC WIRE CUT BA-24 MITSUBISHI.	Table Size -860 x 860 Movement -600 x 400 x 310MM
16.	CNC WIRE CUT ONA AV 600	Table Size -1340 x 1040MM Movement -800 x 600 x 500MM, U/V AXIS TRAVEL 500 X 500 MM
17.	CNC LATHE MACHINE. HMT	Center Distance -1000mm Center Height -260mm
18.	MECHANICAL PRESS -315 TON	TABLE SIZE 1200 X 1000MM SHUT HEIGHT 600MM
19.	INJECTION MOULDING M/C L&T – DEMAG 200 TON	Shot Weight -482 & 746 gr. Distance between tie bar –560 x 560 mm
20.	INJECTION MOULDING M/C 160 TON	Shot Weight -370 gr. Distance between tie bar –510 x 510mm
21.	INJECTION MOULDING M/C 80 TON	Shot Weight -135 gr. Distance between tie bar –300 x 300 mm
22.	Co-ordinate Measuring Machine-CMM Carl Zeiss (Prismo 5, HTG VAST) with digitizing and reverse engineering capability	Measuring Range (XxYxZ)- 650 x 750 x 450mm Table size 750 x 1000 mm Measuring uncertainty- (1.5 + L/300) um
23.	Profile Projector -WERTH	Effective Dia of Screen-400mm Projection Lenses-5x, 10x, 20x & 50x
24.	Height Master –DIGIMAR 817 CLM (MAHR)	CHECKING RANGE 600 MM