

-LIST OF MACHINES & SPECIFICATION-

CNC MACHINES

Sl. No.	Name of the Machine	Quantity	Manufacturer & Machine Model Number	Working Capacity/ Maximum Size of the Table	Permissible Weight
01	CNC Wire Electro Discharge Machine	01 No.	M/s Electronica Machine Tools Ltd. Model No.: Ultra Cut F1	400mm x 350mm x 250mm U=±40mm Or 1oV=±40mm Or 1o	200 Kg
02	CNC Vertical Milling Machine	01 No.	M/s BFW Model No.: Gaurav BMV 35TC20	400mm x 450mm x 500mm	350 Kg
03	CNC Lathe Machine	01 No.	M/s ACE Designers Ltd. Model No.: LT16XL	D270mm x L400mm	350 Kg
04	CNC Wire Electro Discharge Machine	01 No.	Electronica Hitech Machine Tools Ltd. Model No.: Tool Master 6S	600mm x 400mm x 350 UV-120mm Taper Capacity: ±30° Surface Finish: 0.4 µRa	500 Kg
05	CNC Vertical Milling Machine	02 Nos.	BFW Model No.: CHANDRA	800mm = X 350mm = Y 350mm = Z Accuracy: 0.012mm	300 Kg
06	CNC Lathe Machine	02 Nos.	BFW Model No.: ORBITUR	Dia = 270mm X Length = 250mm Accuracy: 0.007mm	150 Kg
07	CNC Turn Mill Machine with Y Axis	01 No.	BFW Model No.: PL600R-Y	X Axis Stroke: 300mm Y Axis Stroke: ±70mm Z Axis Stroke: 1200mm	1 Ton
08	CNC EDM Machine	01 No.	Electronica Model No.: Mega O CNC	X = 450mm Y = 350mm Z = 300mm Accuracy: 0.01mm	500 Kg

TRYOUT MACHINES

Sl. No.	Name of the Machine	Quantity	Manufacturer & Machine Model Number	Working Capacity/ Maximum Size of the Table	Permissible Weight
01	Injection Moulding Machine	01 No.	Shibaura Machine India Pvt. Ltd. Model No.: TS250 LNC6	1. Screw Diameter: 50mm 2. Shot Weight: Maximum 402 gms (PS) 3. Mould Opening Stroke: 575mm 4. Distance Between Tie Bars: 580mm x 580mm 5. Maximum Mould Height: 650mm	2500 Kg
02	Hydraulic Press Machine	01 No.	M/s Vickson Model No.: HP-01	5 Ton	200 Kg
03	Hydraulic Press Machine	01 No.	Hind Hydraulic & Engineers Pvt. Ltd. Model No.: HH-1145-12717	Press Capacity: 100 Ton Table Size: 600mm x 400mm Main Ram Stroke: 420mm	500 Kg
04	3D Printer	01 No.	Hyrel International Inc. Model No.: Hydra 430	X Axis: 600mm Y Axis: 400mm Z Axis: 250mm	-
05	Hand Injection Moulding Machine	01 No.	Kumar Engineers	-	-

CONVENTIONAL MACHINES

Sl. No.	Name of the Machine	Quantity	Manufacturer & Machine Model Number	Working Capacity/ Maximum Size of the Table	Permissible Weight
01	Horizontal Milling Machine	01 No.	M/s Batliboi Ltd. Model No.: BFH	X = 1350mm, Y = 320mm, Z = 500	400 Kg
02	Vertical Milling Machine	01 No.	M/s Batliboi Ltd. Model No.: BFCV15	X = 1350mm, Y = 315mm, Z = 500	550 Kg
03	Vertical Milling Machine	02 Nos.	M/s BFW Model No.: VF1	X = 750mm, Y = 450mm, Z = 400mm	400 Kg
04	Vertical Milling Machine	01 No.	M/s BFW Model No.: VF2	X = 1000mm, Y = 450mm, Z = 400mm	500 Kg
05	Vertical Milling Machine	01 No.	M/s BFW Model No.: VF2E	X = 1000mm, Y = 450mm, Z = 400mm	500 Kg
06	Vertical Milling Machine	01 No.	M/s BFW Model No.: VF3.5E	X = 1200mm, Y = 355mm, Z = 400mm	500 Kg
07	Lathe Machine	02 Nos.	M/s HMT Ltd. Model No.: NH26	D260mm x L1000mm	350 Kg
08	Lathe Machine	03 Nos.	M/s HMT Ltd. Model No.: NH22	D220mm x L1000mm	350 Kg
09	Surface Grinding Machine	01 No.	M/s AVRO Model No.: REETA24	X = 600mm, Y = 300mm, Z = 275mm	400 Kg

CONVENTIONAL MACHINES

Sl. No.	Name of the Machine	Quantity	Manufacturer & Machine Model Number	Working Capacity/ Maximum Size of the Table	Permissible Weight
10	Surface Grinding Machine	01 No.	M/s HMT Ltd. Model No.: PRAGA	X = 600mm, Y = 200mm, Z = 175mm	200 Kg
11	Surface Grinding Machine	01 No.	M/s HMT Ltd. Model No.: SFW1	X = 1000mm, Y = 320mm, Z = 840mm	600 Kg
12	Universal Cylindrical Grinding	01 No.	M/s HMT Ltd. Model No.: K130U	D130mm x 100mm	400 Kg
13	Cylindrical Grinding	01 No.	M/s Modern Model No.: K6	D150mm x L1000mm	400 Kg
14	Universal Cylindrical Grinding	01 No.	M/s HMT Ltd. Model No.: ANUVHAB130U	D130mm x L800mm	230 Kg
15	Tool & Cutter Grinder	01 No.	M/s Continental Mech Tool Model No.: P5	D175mm x L500mm	100 Kg
16	Universal Tool & Cutter Grinder	01 No.	M/s HMT Ltd. Model No.: PRAGA	D130mm x L760mm	200 Kg
17	Surface Grinding Machine	01 No.	M/s Parmer Pinnacle Model No.: FASGM10050	100mm x 500mm	750 Kg
18	Conventional Redial Drilling Machine	01 No.	M/s Batliboi Ltd. Model No.: BR615	Drilling Capacity = 75mm	1800 Kg
19	Pillar Drilling Machine	03 Nos.	M/s Premier Machine Tools Model No.: PRL-40	Drilling Capacity: 30mm Tapping Capacity: M16	200 Kg
20	Pedestal Grinding	03 Nos.	M/s Sico Engineers Pvt. Ltd. Model No.: SPG 350	350mm x 50mm x 50.8mm	-
21	Shaping Machine	02 Nos.	M/s MMM Loyal Machine Works Ltd. Model No.: LS1	400mm x 350mm x 250mm	100 Kg
22	Power Hacksaw	01 No.	RK Foundry & Engine Works	200mm x 200mm	200 Kg
23	Power Hacksaw	01 No.	O.P.S. Udyog, Paras Batala	400mm x 400mm	500 Kg
24	Power Shearing Machine	01 No.	Krisbna Machine Tools	750mm to 1200mm	200 Kg

WELDING MACHINES

Sl. No.	Name of the Machine	Quantity	Manufacturer & Machine Model Number	Working Capacity/ Maximum Size of the Table	Permissible Weight
01	Robotics Welding Machine (MIG/MAG)	01 No.	Cleos Model No.: QINEO Star T-406 Premium	Wire Dia. = 1.0mm, 1.2mm, 1.6mm & 2mm	8 Kg
02	TIG 315 AC/DC	01 No.	Ador Fontech Ltd. Model No.: 1104270	TIG: 20A/11V-315A/22.6V	64 Kg
03	GMAW Welding Machine	01 No.	Model No.: JK - GMAW - 400	50A/16.5V - 400A/34V	-
04	GMAW Welding Machine	01 No.	Model No.: JK - GMAW - 400	50A/16.5V - 400A/34V	-
05	IGBT Inverter ARC	05 No.	Model No.: CMM - ARC400	30A/21.2V - 400A/36V	-
06	ARC Welding Rectifiers - 300	05 No.	Model No.: SI - ARC - 300	20A/10.8V - 400A/26V	-
07	Inverter ARC - 200T	08 No.	Model No.: ARC 200	30A/21.2V - 200A/28V	-



WELDING MACHINES

Sl. No.	Name of the Machine	Quantity	Manufacturer & Machine Model Number	Working Capacity/ Maximum Size of the Table	Permissible Weight
08	Polymovment Fume Extractors	04 No.	Model No.: Draftmax Basic	2200W, 400V, 50Hz	-
09	Spot Welding Machine	01 No.	M/s Soham Impex Model No.: SI - SP - 7.5	415V, 3 Phase, 50Hz	-
10	Plasma Welding Machine	01 No.	Model No.: BW 04501	230V, 12amps, 1Phase, 50Hz	-
11	Submerge ARC Welding	01 No.	M/s Adore Model No.: Tornado SAW-1250	03 Phase 415V	-
12	Plasma Cutting Machine	01 No.	Powermax85	25A/90V - 85A/114V	-
13	Pipe Bending Machine	01 No.	Inder Hydraulic Model No.: 213B	1" - 2"	98 Kg
14	Pipe Cutting Machine	01 No.	M/s Stanley	355mm, 3800Rpm, 240V	15.5 Kg
15	MIG 400S	01 No.	Ador Fontech Ltd.	50A/22V - 400A/36V	-

MEASURING MACHINES & INSTRUMENTS

Sl. No.	Name of the Item	Quantity	Manufacturer	Range	Least Count
01	3D CNC Coordinate Measuring Machine	01 No.	Mitutoyo	600mm x 800mm x 500mm	-
02	Surface Tester	01 No.	Mitutoyo	-	-
03	Tool Maker Microscope	01 No.	Mar Vision	-	-
04	Profile Projector	01 No.	Radical Scientific Equipment Pvt. Ltd.	Magnification 10x, 20x, 50x, 100x	-
05	Temp Controller of Heat Chamber	01 No.	MAK THERM	0 to 1200C	1C
06	Outside Micrometer	04 Nos.	Mitutoyo	0 to 25mm	0.01mm
07	Outside Micrometer	03 Nos.	Mitutoyo	25 to 50mm	0.01mm
08	Outside Micrometer	01 No.	Mitutoyo	50 to 75mm	0.01mm
09	Outside Micrometer	01 No.	Mitutoyo	75 to 100mm	0.01mm
10	Outside Micrometer	01 No.	Mitutoyo	100 to 125mm	0.01mm
11	Outside Micrometer	01 No.	Mitutoyo	125 to 150mm	0.01mm
12	Outside Micrometer	01 No.	Mitutoyo	150 to 175mm	0.01mm
13	Outside Micrometer	01 No.	Mitutoyo	175 to 200mm	0.01mm
14	Outside Micrometer	01 No.	Mitutoyo	200 to 225mm	0.01mm
15	Outside Micrometer	01 No.	Mitutoyo	225 to 250mm	0.01mm
16	Outside Micrometer	01 No.	Mitutoyo	250 to 275mm	0.01mm
17	Outside Micrometer	01 No.	Mitutoyo	275 to 300mm	0.01mm
18	Digital Outside Micrometer	03 Nos.	Mitutoyo	0 to 25mm	0.001mm
19	Digital Outside Micrometer	02 Nos.	Mitutoyo	25 to 50mm	0.001mm
20	Digital Outside Micrometer	01 No.	Mitutoyo	50 to 75mm	0.001mm
21	Digital Outside Micrometer	01 No.	Mitutoyo	75 to 100mm	0.001mm
22	Digital Inside Micrometer	02 Nos.	Mitutoyo	25 to 50mm	0.001mm

