

Machining Shop



UNIVERSAL MILLING MACHINE

Model: UF 2

Make: BFW

Specifications:

Longitudinal movement	
Automatic	800 mm
Manual	830 mm
Transverse movement	
Automatic	230 mm
Manual	260 mm
Spindle taper	ISO 40
Speed range	45 - 2000 rpm
Clamping area	1350 mm x 315 mm
T-slot / width /	3 Nos/14 mm/63 mm
Feeds:	
Longitudinal	16 - 800 mm/min
Cross	16 - 800 mm/min
Vertical	4 - 200 mm/min
Swivel range of table to both	45°
Milling spindle	5.5 kW
Feed Motor	1.5 kW
Maximum safe	400 kg



HORIZONTAL / VERTICAL MILLING MACHINE

Make : BATLIBOI

Model : BFH-5

Specifications :

Longitudinal movement	
Automatic	810 mm
Manual	810 mm
Transverse movement	
Automatic	275 mm
Manual	280 mm
Spindle taper	ISO 40
Speed range	45 - 2000 rpm
Clamping area	1350 mm x 320 mm
T-slot / width	3 Nos /14 mm / 63 mm
Feeds:	
Longitudinal	14 - 900 mm/min
Vertical	4 - 250 mm/min
Cross	14 - 900 mm/min
Milling spindle	5.5 kW
Feed Motor	1.5 kW
Maximum safe	275 kg



SHAPING MACHINE

Make : SAGAR

Model : SM 18 "

Specifications :

Stroke length	18 "
Working surface of table	407mm X 292mm
Maximum size of tool shank	32mmX16mm
Range of ram speeds (Stroke Per Minute)	17,25,50,75
Motor Capacity & Speed	1.5KW &960rpm



VERTICAL SLOTING MACHINE

Make : Daljith

Model : DS -10

Specifications :

Stroke	10"
Rotary table	15"
Longitudinal movement	12"
Cross movement	10"
Cutting Speed of RAM (Per Minute)	40x60
RAM Adjustment	12"
Throat Depth	11"
Distance from the Tool to the Main Column	14"
Motor Capacity	1.5kw



HIGH SPEED PRECISION LATHE MACHINE

Make : HMT Ltd

Model : NH26/1500

Specifications:

Height of centres	260 mm
Dist. between centres	1500 mm
Swing over bed	575 mm
Swing over cross slide	350 mm
Spindle Nose/Bore	A2-6/53 mm
Feed range (longitudinal)	0.04 - 2.4mm/rev
Feed range (cross)	0.02 - 1.2mm/rev
Spindle speed range	40 - 2040rpm
Spindle power	11KW



RADIAL DRILLING MACHINE

Make: Batlibai

Model: BVR 3

Specifications:

Max.drilling diameter in Steel	32 mm
Max.drilling diameter CI	35 mm
Drilling Radius max / min	930 / 340 mm
Vertical Traverse of Arm	520 mm
Horizontal Movement of Drill Head	590 mm
Drilling Motor Power	1.5 kw



LATHE MACHINE (7NOS)

Make: Gujarat Lathe Manufacturing Co. Pvt. Ltd

Model: PANTHER 1350 / 1 Series

Specifications:

Swing	335 mm
Dist. between centres	540 mm
Swing over slide	200 mm
Slide movement	210 mm
Spindle Bore	42 mm
Taper bore in center sleeve	MT 4
No. of speeds	8
Range / RPM	45-938
Motor capacity	1.5 kW



LATHE MACHINE(2NOS)

Make: Gujarat Lathe Manufacturing Co. Pvt. Ltd

Model: PANTHER 1650 / 1 Series

Specifications:

Swing	410 mm
Dist. Between Centres	1000 mm
Swing over Slide	250 mm
Slide Movement	250 mm
Spindle Bore	42 mm
Taper Bore in Center Sleeve	MT 4
No. of Speeds	8
Range / RPM	45-938
Motor capacity	2.2 kW



SURFACE GRINDING MACHINE

Make: HMT Machine Tools Limited

Model: 452 P

Specifications :

Work Table	625 x 220 mm
Spindle Motor	1.5 kW
Vertical Traverse	280 mm
Grinding Wheel Size	200x20x31.75 mm
Spindle Speed	2800 rpm



UNIVERSAL TOOL & CUTTER GRINDING MACHINE

Make: HMT Machine Tools Limited

Model: 411

Specifications:

Work Area	750X 110 mm
Max. Swing on Cutter Head	305 mm
Circular adjustment	360°
Wheel Head Motor	0.75 kW
Swivel in Vertical plane	180°
Vertical Adjustment	200 mm



UNIVERSAL CYLINDRICAL GRINDING MACHINE

Make: HI-LIFE MACHINE TOOLS LIMITED

Model: HL 500

Specifications:

Centre Height	150 mm
Swing Diameter	295 mm
Max. Grinding Length	500 mm
Grinding Wheel Dia.	400 mm
Grinding wheel width	40 mm
Wheel Head Swivel	+ / - 60 °
Work head Centre	MT 5
Tailstock Centre	MT 4
Internal Grinding dia. range	15-100 mm



PEDESTAL GRINDER

Make : EIFCO Machine Tools (P) Ltd

Model : MG 12

Specifications:

Size of grinding wheel	300 x 40 x 50.8 mm
Wheel Centre distance	645 mm
Base to centre line of spindle	860 mm
Diameter of spindle bearings	35 mm
Power of motor	2 HP
Speed of Motor (rpm)	1400 rpm
RPM of Grinding Wheels	1910 rpm



POWER HACKSAW

Make: EIFCO Machine Tools (P) Ltd

Model: HP 300

Specifications:

Max. Diameter	300 mm
Max. Square	250 mm
Stroke length (non adjustable)	160 mm
No. of speed strokes	3
Range of speed strokes (per minute)	80 - 100 - 125
Blade Size	525 X 45 X 2.25
Power of main motor	1.5 kW
Power of coolant motor	0.09 kW

