

### SPARE CAPACITY AVAILABLE AT REASONABLE RATE FOR JOB WORK :



#### **LMW Machining Centre BT 40 Taper model JV 55 / Qty. : 3**

Max X Travel = 575 mm, Max Y Travel = 410 mm,  
Max Z Travel = 460 mm, Table size = 900 X 430 mm,  
Spindle Taper – MAS BT 40



#### **LMW CNC Lathe with Tail stock model "Smart Turn" / Qty. : 3**

Maximum turning length = 262 mm,  
Maximum turning diameter = 200 mm, Chuck size = 169 mm (6")



#### **Vertical Machining Centre -4 Axis –Make Battiboi Chetek 75-MB / Qty. : 1**

Max X Travel = 762 mm, Max Y Travel = 510 mm  
Max Z Travel = 510 mm, Table size = 950 X 520 mm  
Spindle Taper – MAS BT 40, Rotary table B Axis



#### **CNC Lathe Jyoti make DX 150 / Qty. : 1**

Maximum turning length = 250 mm,  
Maximum turning diameter = 350 mm  
Chuck size = 169 mm (6")



#### **EDM Machine – Electronica Machine Tools / Qty. : 1**

Max X Travel = 280 mm, Max Y Travel = 200 mm,  
Max Z Travel = 250 mm, Work table size = 500x300  
Tank size = 725x415x315 mm



#### **CNC Wire Cut EDM Machine - Make S & T Engineers / Qty. : 1**

Max X Travel = 400 mm, Max Y Travel = 300 mm  
Work piece Height = 215 mm, Table size = 680 X 510 mm



**SPARE CAPACITY AVAILABLE AT REASONABLE RATE FOR JOB WORK :**



### **Universal Knee Type Milling Machine (Make - Aman Engg.) / Qty. : 2**

Table Overall Dimension (l x w) : 1500 x 310 mm  
Longitudinal (X - axis) : 800 mm, Cross (Y - axis) : 230 mm  
Vertical (Z - axis) : 400 mm, Spindle nose : ISO 40



### **3 Phase, Inverter Based 400 amp DC ARC Welding Machine** **3 Phase, Inverter Base 400 amp DC Pulse TIG Welding Machine** **3 Phase, Inverter Base 400 amp MIG Welding Machine**



### **Power Press**

Capacity : 25 Ton, Approx. No. of Strokes per Minute : 150-300, Shut Height : 225 mm  
Slide Adj. : 40 mm, Slide Area (LRXFB) : 370 x 300 mm, Bolster Area (LRXFB) : 450 x 450 mm,  
Thickness of Bolster : 80 mm, Bed Opening (LRXFB) : 250 x 110 mm,  
Slide Opening in Column : 200 x 200 mm Main Motor KW : 5.5  
Sheet cutting thickness (in MS) : 3 mm



### **All Geared Lathe (Heavy Duty) With Tailstock / Qty. : 2**

Height of Center : 220 mm, Swing over bed : 500 mm,  
Swing over carriage wings : 480 mm, Swing over cross slide mm : 270 mm  
Distance between centers : 1000 mm



### **Vertical Turret milling Machine Make Madras Machine tools Traders / Qty. : 2**

Table Min, Overall dimension (Length x Width) : 1070 x 230 mm  
X - axis : 760 mm, Y - axis : 305 mm, Z - axis : 400 mm  
Ram Travel : 305 mm, Quill : 127 mm



### **Heavy Duty Double Column Planner Machine (Make : J.K. Machine Tools) / Qty. : 1**

Capacity : Length of Stroke : 1220 mm, Width between Arms : 762 mm,  
Height under Cross-Rail : 762 mm, Bed : Total Length of Bed : 2200 mm  
Width of Bed : 550 mm, Table : Working Length : 1220 mm, Working Width : 610 mm  
No. of T-Slots : 4 mm, Width of T-Slots : 19 mm

For Enquiry Please Contact : **National Small Industries Corporation**  
(A Govt. of India Enterprise) • Aji Industrial Area, Bhavnagar Road, Rajkot -360 003. Ph. 0281-2387396  
Fax : 0281 - 2387729 • E-mail : [ntscraj@nsic.co.in](mailto:ntscraj@nsic.co.in) • Website : [www.nsic.co.in](http://www.nsic.co.in)  
**FOR JOBWOK PLEASE CONTACT : 8980098476, 96876 20267, 9913820779**



**SPARE CAPACITY AVAILABLE AT REASONABLE RATE FOR JOB WORK :**



**3D Printer –Make Stratasys Uprint SE Plus / Qty. : 1**  
uPrint SE Plus Modeling Bases 8x6" (case of 24)



**Surface Grinder HMT Make –Model 455 H / Qty. : 1**  
Working surface -600x300, Longitudinal (Manual/Hydraulic) - 625 mm  
Cross Traverse (Manual/Hydraulic) -325 mm



**Universal Tool and Cutter –HMT Make / Qty. : 1**  
Longitudinal traverse - 510 mm, Cross Traverse -250 mm  
Height of Centre - 130 mm, Distance between head stock and tail stock -615 mm



**Induction Hardening Machine / Qty. : 1**  
100% Solid State IGBT, 50 KW, 10 KHz,  
Fanuc Control System, Centre Distance 500 mm



**Vertical Machining Centre (Trainer) Battliboi / Qty. : 1**  
Max X Travel = 200 mm, Max Y Travel = 125 mm  
Max Z Travel = 200 mm, Table size = 420 X 125 mm  
Spindle Taper – BT 30



**Hydraulic Cylindrical Grinding Machine (Make Devco) / Qty. : 1**  
Centre Height : 150 mm, Center Distance : 550 mm  
Max. Grinding Length : 550 mm  
Grinding bore Capacity : Dia 15 to 100



### SPARE CAPACITY AVAILABLE AT REASONABLE RATE FOR JOB WORK :



#### **Automatic Plastic Injection Moulding Machine (Make : S & T Engineers) / Qty. : 1**

Calmping Tonnage : 75 to 90 T, Screw Diameter : 30 to 40 mm, L/D Ratio : 20  
Shot Weight (PS) : 100 Grams Minimum,  
Injection Pressure : 1800 to 1900 Kg/Cm<sup>2</sup>, Maximum Daylight : 650 to 700 mm  
Opening Stroke : 300 to 350 mm



#### **Metal Cutting Bandsaw Machine (Make : Ultra Cut) / Qty. : 1**

Cutting Capacity : 210 Round, 210 x 210 Square  
Cutting Speed : 20/30/40/60/80 m/min  
Blade Size : 3760 x 27 x 0.9 mm



#### **Shaper (All Greared) / Qty. : 1**

Double Line : 457 mm, Length of the Stroke : 457 mm  
Vertical Traverse of Table : 330 mm  
Top Clamping Surface of Table : 279 x 432 mm



#### **Design Software Available**

- 1) Ansysm
- 2) Auto CAD
- 3) Creo
- 4) Unigraphics - NX CAD CAM
- 5) Master CAM

## MEASURING EQUIPMENTS / INSTRUMENTS



#### **Roughness Tester (Make : Mitutoyo)**

Measuring Range X-Axis : 25 mm, Measuring Range Z1 - Axis : 800um as Standard & 2400 Micron with 3x Stylus, Straightness : 0.3um/50mm  
Detector Resolution : 0.01um (800um Range) /0.001um (80um Range)/0.0001um (8 um Range) (Selectable)



#### **Profile Projector (Make : Radical Scientific Instruments)**

Projected Image : Inverted, Effective Diameter : 315 mm  
Max Work Piece Dia : 180 mm with 10x Lens  
Max Work Piece Height : 92.5 mm with 10x Lens  
X-Y Measuring Range : 100 x 100 mm



#### **Automation Make Innovative Automation**

2D Digital Height Master (600 mm) Measuring range 600 mm  
Expandable Measuring Rang 800 mm  
Measuring Uncertainty (3+L/300m) Micron Resolution : 0.0005mm  
Reproducibility on Planes : 2 Microns, Reproducibility on with bores : 3 Microns

All other measuring instruments like vernier Caliper, Micrometer, Bore Gauge, etc... available