

Sirecks Enterprises

Manufacturing machinery

Material Heat Treatment and Forging Section

Shear Cutting Machine



Specifications

Model: SBSH-6 x 2500

Thickness: 600mm, **Width:** 2500mm

Applications: The machine is used for cutting of metal sheets

Drop Forging Hammer



1. Specifications:

Model: RFH-300 **Capacity:** 300 Kg

2. Specifications:

Model: HEUSER **Capacity:** 500 Kg

Applications: The Hammers are used for forging tools and dies etc.

Hydraulic Press



Specifications:

Model: 650-KPM **Capacity:** 8 Ton

Applications: Hydraulic Press is used for forging and shaping the metals

Electric Press



Specifications

Model: C41-40 **Capacity:** 40 Kg

Applications: Electrical Press is used for forging and shaping the metals

Traditional Furnace



Specifications

Maximum Temperature: 1300°C

Applications: The Furnaces are used for Heat Treatment of Surgical Instruments

Electric Furnace



1. Specifications:

Model No: HVC/125 **Max. Temperature:** 1200°C

2. Specifications:

Model No: SBF/3 **Max. Temperature:** 1300°C

Applications: The Furnaces are used for Heat Treatment of surgical instruments

Friction Spindle Power Press



Specifications:

Model: FB-160B **Capacity:** 150 Ton

Applications: The press is used to create designs and patterns on metal

Cutting Press



1. Specifications:

Model: MPS-100 **Capacity:** 100 Ton

2. Specifications:

Model: MP-63 **Capacity:** 60 Ton

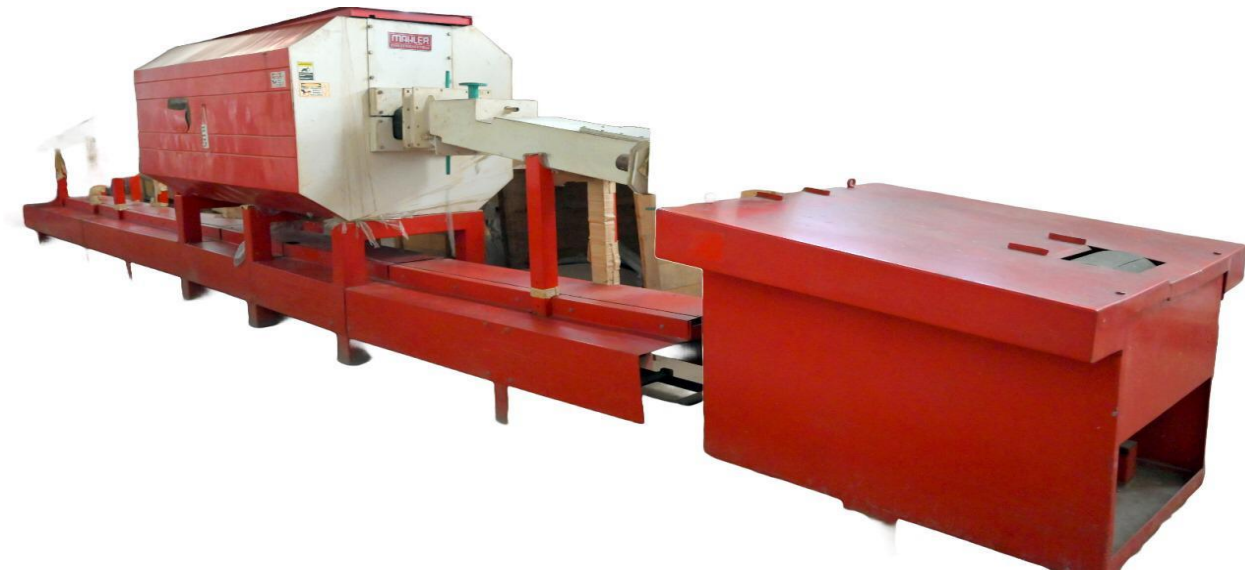
3. Specifications:

Model: MP-40 **Capacity:** 40 Ton

Applications: Cutting Presses are used for metal forming like trimming, bending, shaping etc.

Heat Treatment Section

Conveyer Belt Heat Treatment Machine



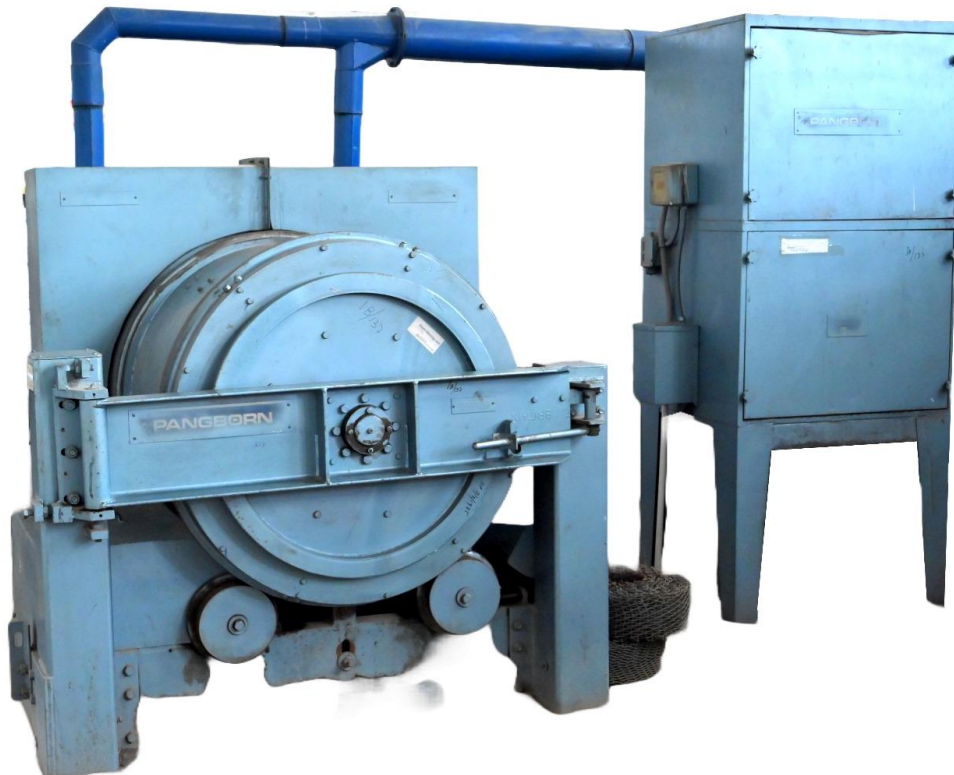
Specifications:

Belt Size: length 70 ft, Width 8 inches

Chamber Size: 2.97 Cubic Meter

Applications: The machine is used for the Heat treatment of surgical instruments.

Shot Blasting Machine



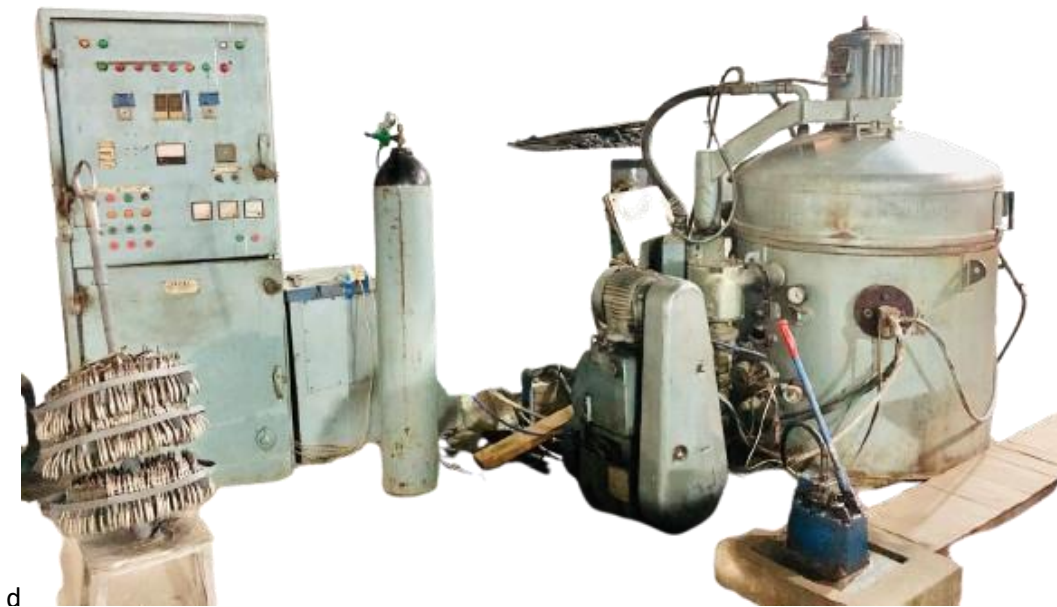
Specifications:

Company: PANGBORN **Chamber size:** Dia 3 ft, Length 3ft 6 inches

Applications: The machine is used removing rust and cleaning the surface of metal and surgical instruments

Vacuum Heat Treatment Section

Vacuum Heat Treatment Furnace



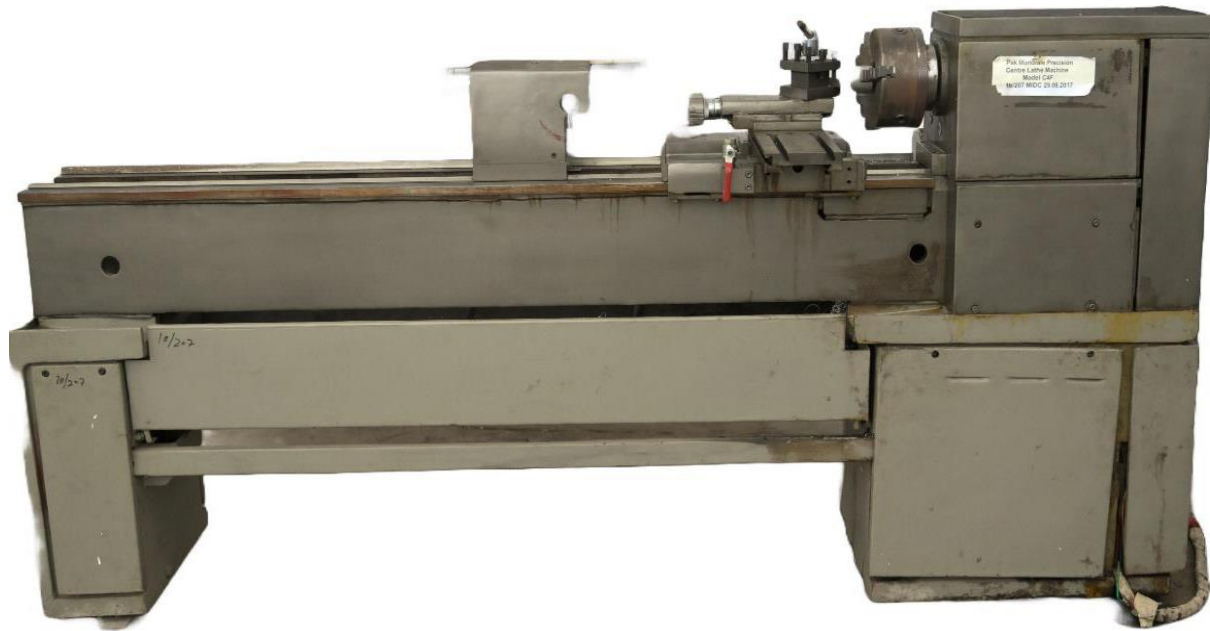
Specifications:

Chamber size: 47 cubic ft **No of Rods:** 24 rods

Application: This Machine is used For Heat treatment of dies and surgical instruments etc.

Conventional Machines Section

Lathe Machine



1. Specifications:

Model: C4C **Bed Length:** 1595 mm

2. Specifications:

Model: C4D **Bed Length:** 1845 mm

3. Specifications:

Model: C4F **Capacity:** 2345 mm

Applications: The machines are used for machining operations like facing, turning, knurling, threading etc.

Tool & Cutter Grinder Machine



Specifications:

Model: 2M -9120A **Max. Swing:** 200mm **Length of work piece:** 500mm

Applications: The machine is used for Manufacturing and Sharpen the cutting tools

Shaper Machine



1. Specifications:

Model: L-500 **Length of Stroke:** 20 inches

2. Specifications:

Model: S 70 **Length of Stroke:** 2ft * 2.5ft

Application: The machines are used for Cutting Grooves and
Slots

Power Hacksaw Machine



Specifications:

Blade size: 1 ft

Application: The machine is used for Cutting of cylindrical and square bars

Universal Drilling & Boring Machine



Specifications:

Drilling: 32 mm Dia **Boring:** 65 mm Dia

Applications: The Machine is used for drilling and boring holes in metal workpieces

Radial Drill Machine



Specifications:

Model: ZB 3060 **Capacity:** 60 mm drill

Applications: This machine is used for drilling holes in large and heavy workpieces

Horizontal Milling Machine



Specifications: Model K6U

Table Size: 1300mm * 330mm

Applications: This machine is used for Cutting Slots, Making Gears etc.

Centerless Grinding Machine



Specifications:

Model: STC 1206 **Max. Dia:** 53 mm

Applications: This machine is used to smooth and flatten the surface of cylindrical workpiece

NC Jig Boring Machine



Specifications:

Model: BKOE-600x400 **Bed Size:** 630 x 400 mm

Applications: This Machine is used for making Jigs and fixtures.

Vertical Milling Machine



Specifications:

X max 420mm | Y max: 420mm | Z max: 360mm

Application: The Machine is for Cutting Slots, Making dies etc.

Horizontal Milling Machine

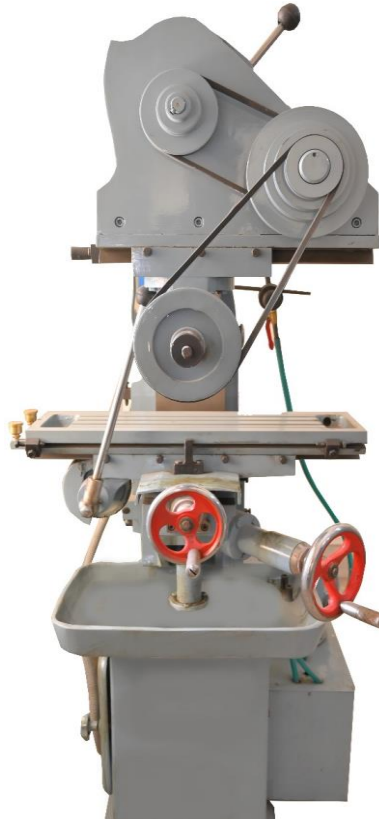


Specifications:

X max 420mm | Y max: 420mm | Z max: 350mm

Applications: The machine is used for Cutting Gears, Slots etc.

Special Purpose Milling Machine



Specifications:

Table Size: 430 * 200 mm **Table Travel:** 236 * 128 mm

Application: The Machine is used for Cutting Slots and making Surgical instruments

Drill Machine



Specifications:

Table Size: 350 mm Dia **Drill Capacity:** 20 mm Dia

Application: The machine is used for drilling holes in metal workpieces.

Swaging Machine



Specifications:

Swaging Capacity: 32 mm Dia

Application: The machine used for compressing or expanding tubes and pipes

Precision Drill / Tapping Machine



Specifications:

Working Table: 300 * 300 mm

Application: The machine is used for Drilling and Tapping Operation

CNC Machines Section

CNC Vertical Machining Center



Specifications

1. Model LG-500

X: 620mm, Y: 420mm Z: 400mm

2. Model LG-800

X: 950mm, Y: 510mm, Z: 400mm

3. Model LG-1270

X: 1370mm, Y: 600mm, Z: 400mm

Applications: The machines are used for making dies, molds and other surgical / metal Instruments etc.

CNC Vertical Machining Centre



Specifications

X: 300mm, Y: 300mm, Z: 400mm

Applications: The machines are used for making dies, molds and other surgical / metal Instruments etc.

CNC Vertical Machining Centre (5-axis)



Specifications

X max: 700mm | Y max: 450mm | Z max: 500mm

A max:150degree - +150degree | B Rotation: 360

Applications: The machines are used for making dies, molds and other surgical / metal Instruments etc.

CNC Wire Cut Machine



Specifications:

1. Model DK-7725

X: 250mm, Y: 320mm

2. Model DK-7732

X: 400mm, Y: 320mm

Applications: This machine is used For Cutting of Metal Sheets in different Shapes and Sizes as required.

CNC Wire Cut Machine



Specifications:

X: 216mm, Y: 320mm

Applications: This machine is used For Cutting of Metal Sheets in different Shapes and Sizes as required.

EDM Spark Erosion Machine



Specifications

1. Model: 7130

X: 500mm Y: 300mm Z: 300

2. Model: 7145

X: 450mm Y: 700mm Z: 500

Applications: This machine is used for Die Sinking and Machining Complex Shapes and Cavities etc.

EDM Spark Erosion Machine



Specifications:

X: 350mm Y: 250mm Z: 250

Applications: This machine is used for Die Sinking and Machining Complex Shapes and Cavities etc.

EDM Super Drill Machine



Specifications:

X: 450mm Y: 300mm Z:300mm

Applications: This machine is used for drilling small holes

Surface Grinding Machine



1. Specifications:

Model SG 4080-AHR X-1000mm, Y: 400mm

2. Specifications:

Model: RS 650 X: 1000mm Y: 250mm

Application: The machines are used to smooth and flatten the surface.

CNC Turning Center Machine



Specifications:

Model: C4N

X: 150mm, Z: 320mm

Applications: This machine is used for machining process of scalars, needle and other surgical instruments

CNC Turning Center Machine



Specifications:

X: 320mm | C: 360-degree Rotation | Z: 150mm

Application: This machine is used for machining process of scalars, needle and other surgical instruments

CNC Lathe Machine



Specifications:

Model: LNC X: 140mm, Z: 300mm

Applications: This machine is used for machining processes like facing, turning, drilling, threading etc.

Coordinate Measuring Machine

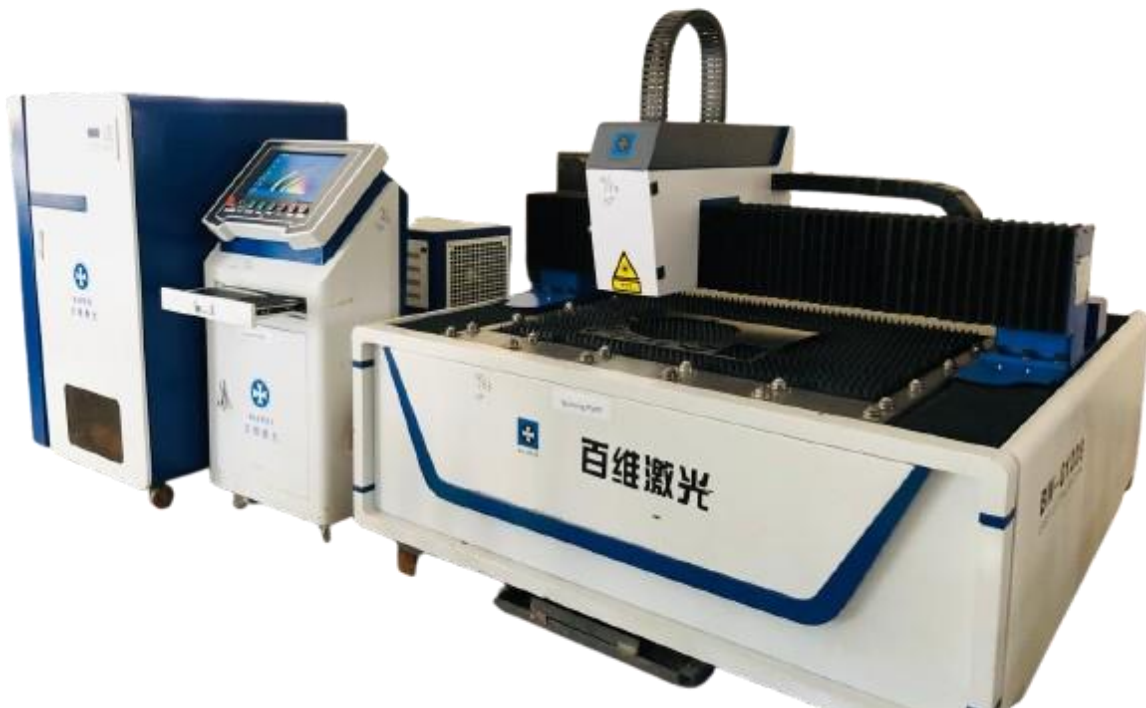


Specifications:

Measuring Range | 400 * 400 * 300 mm

Application: The Machine is used to measure the dimensions of physical objects with extreme accuracy

CNC Laser Cutting Machine



Specifications:

Cutting Thickness: Minimum 1mm **Laser Source:** Fiber

Applications: The machine is used for cutting of metal sheets in different profiles

CNC Laser Welding Machine



Specifications:

Model: W-200B

X: 300 Y: 300 Z: 300

Applications: This Machine is used for micro joints on surgical Instruments.

PVD Coating Machine



1. Specifications:

Model: PV1110

Chamber Size: 900mm dia Electrodes: 6

2. Specifications:

Model: HL-500

Chamber size: 500mm dia Electrodes: 4

Applications: The machine are used for colour coating like black , blue , gold , rose gold , multi colour etc. on the surface of surgical and other metal products