

COMPANY PROFILE

SUTANTRA MACHINES PRIVATE LIMITED

A-419, TTC INDUSTRIAL AREA, MIDC, MAHAPE

NAVI MUMBAI - 400701

PHONE NO: 022-27783021/22

EMAIL:info@sutantra.in

Sutantra Engineering was established in the year 1990 as a design consultancy firm. Sutantra Engineering specialized in design of Sheet metal forming machines including Power presses, Shearing lines and Slitting lines. Sutantra Engineering diversified into Manufacturing of Sheet metal forming machines in the year 1995 at the insistence of M/s Godrej and Boyce mfg. Co Ltd. From year 1995 to year 2002, Sutantra Engineering was a dedicated supplier to M/s Godrej and Boyce mfg. Co Ltd. with all the business coming from them. After the year 2002, when M/s Godrej and Boyce mfg. Co Ltd. exited the machine tool business, we started manufacturing machines for other customers.

DIRECTORS

1) **Dwarak Chetty:** BTech from IIT Madras, 1980 batch. Worked in M/s Godrej & Boyce mfg. Co Ltd in Machine tool design department as Design Engineer for 9 years. He specializes in design of Sheet metal forming machines such as Cut to Length Lines, Slitting Lines, Shearing Machines, Folding Machines and Plate straightening machines

2) **Pradeep Garg:** BE (Mechanical) from College of Engg, Pune, 1982 batch. Worked in M/s Godrej & Boyce mfg. Co. Ltd in their Machine tool design department as Design Engineer. He specializes in design of Sheet metal forming machines such as Mechanical power presses, Straight sided, C Frame Presses, Knuckle joint presses with and accessories such as roll feeds, scrap chopper and feeders. Both the directors have 50% each share holding in the company.

INFRASTRUCTURE AND MACHINERY

Sutantra Machines Pvt. Ltd.(SMPL) has 20,000 Sq Feet covered area which utilizes a 30 Ton EOT crane for heavy lifting and smaller cranes ranging from 1 Ton to 5 Ton for assembly works.

Additional 10,000 Sq Feet is used for various other works concerning with Administration, Design , Purchase and sales.

Our Engineering Unit is mainly divided into 8 departments comprising of engineers, diploma holders, ITI certified fitters, skilled artisans and unskilled workmen

The departments are as follows:

1) Design Department:

Our design team consists of highly skilled engineers whose experience ranges from 2-15 years. The design department makes the layout and issues the BOM.

2) Purchase Department:

The Purchase Department procures the raw materials required and plans for the various processes involved.

3) Vendor Development:

The Vendor development team coordinates the work involved thus get the finished components.

4) Fabrication Department:

All fabrication equipments such as Welding Machines, Gas Cutting machines, Pug machines ,etc.

5) Machine Shop:

Since the work done by us require accuracy and precision, major part of our manufacturing is done inhouse so that all dimensions are within tolerance.

List of Major machinery

- a) Floor boring machine, CONRAC make 130 mm spindle diameter – 1 No
- b) Horizontal boring machines , WMW make 80

mm spindle diameter - 3 No

- c) Milling machines - 2 nos.
- d) Grinding machines - 2 nos.
- e) Slotting machines
- f) Lathes - 03 nos. and, various other machines

6) Inspection Department

The Inspection Department inspects all the components as per the QAP. The Inspection department is equipped with all the latest equipments including micrometres verniers, bore gauges , surface plates , Straight Edges, slip gauge , hardness testers etc. Care is taken to see that all the instruments used are regularly calibrated.

7) Stores

After the inspection is done the store records the transaction & issues it to the Assembly department.

8) The Assembled unit is passed through the inspection department which is then inspected by party and then dispatched

ORGANISATION STRUCTURE

Each of the departments is headed by an
engineer reporting to the director

a) Design department

I) Dwarak Chetty - Director

b) Production

c) Inspection Department

II) Pradeep Garg - Director

a) Purchase Department

b) Accounts Department

c) Vendor development

d) Projects

PRODUCT RANGE

1) Shearing Lines HR/CR

- a) Thickness Range : 0.3-3.2mm,
- b) Coil Weight (Max) : 30 ton coil weight,
- c) Stack Weight(Max) : 5 ton
- d) Width (Max) : 1600mm
- e) Line speed : 60 metres/minute

2) Slitting Lines HR/CR

- a) Thickness Range : 0.3-3.2mm,
- b) Coil Weight (Max) : 30 ton coil weight,
- c) Recoiler(Max) : 16 ton
- d) Slits (Max) : 20
- e) Width (Max) : 1600mm
- f) Line speed : 60 metres/minute

3) Plate Straighteners

- a) Thickness Range : 4mm-25mm,
- b) Width (Max) : 2500mm
- c) Length of Plate : 10000mm
- d) Speed of machine : 10metres/minute

4) Mechanical Power Press

- a) **C Frame** : 16 ton-250 ton
Inclinable/Non Inclinable, Fixed and Adjustable stroke,
Variable SPM
- b) **H Frame** : 25 ton-300 ton
Inclinable/Non Inclinable, Fixed and Adjustable stroke,

Variable SPM

- 5) **Knuckle Joint Press** : 100 ton-250 ton
- 6) **Horn Presses , Mech** : 25 ton-160 ton
- 7) **Special Purpose machines** : Fixtures for aerospace industry

LIST OF MAJOR CUSTOMERS

- 1) Indian Railways -
 - a) Rail Coach Factory – Kapurthala, Punjab
 - b) Engineering Workshops, Arakkonam, Tamil Nadu
- 2) M/s Godrej and Boyce mfg. Co Ltd. - Mumbai
- 3) Ranka Steels – Bangalore
- 4) SKM Steel Processors – Taloja, Navi Mumbai
- 5) R.S.Steel Tech – Bangalore
- 6) ETA Engineering Pvt. Ltd. – Chennai
- 7) Wheels India Ltd. – Chennai
- 8) Blue Star Ltd. – Mumbai
- 9) Ebco Pvt. Ltd. – Mumbai
- 10) R G Bronze Manufacturing company Pvt. Ltd. – Chennai
- 11) NRB Bearings – Mumbai
- 12) Sohoni metal craft Pvt. Ltd. – Umergaon, Gujarat
- 13) Trosten Industries Company LLC. - Dubai

25T Inclinable Press



40T Front to Back Non Geared



63T Inclinable Press



80T Horn Press



100T Horn Press



125T Front to Back



160T Knuckle Press



250T



Slitting Line



Leveller



Plate Straightening Machine

