



JK INDUSTRIES

Believes in precision work

Mr. Chimanbhai Rasadiya

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Profile

The birth of industries is dream, initiative and thought process of its founder. M/s. J K Industries was established by its Founder – Mr. Chimanbhai Rasadiya in the year 1993. We had started with the small unit at Navrangpara, Mavdi plot, Rajkot.

Initially, the company had started with production of **Machine Tool Items** and **Lathe Machine Assembly Kit**. In the year 1996, the company had started in the other metals like C.I., M.S., Brass and aluminum. The company went for the production of **Auto Parts, Texurise Parts, Electric parts, forging, forging parts and Other SPM Parts**.

Also, the network of the company had gone vast from the local market of Rajkot to Market like Surat, Vapi, Silvassa, Dadra (Nagar Haveli), Daman, Mumbai, Nasik, Pune & etc.

Mile Stone :

- ✓ In the year 1993, Establishment of the Company J K Industries
- ✓ Stated the operation in machine tool items and Lathe Machine Assembly Kit
- ✓ Initially started with local Market of Rajkot
- ✓ In the year 1996, the company went for the new products like Auto Parts, Texurise Parts, Electric Parts And Other SPM Parts.
- ✓ Captured the new market like - Surat, Vapi, Silvassa, Dadara (Nagar Haveli), Daman, Mumbai, Nasik and Pune.
- ✓ In the year 1997, the company established its New sister concern – M/s. Vision Industries at Navrangpara Mavdi Plot, Rajkot. It increased our production capacity nearly double.
- ✓ The sale of the company show its growth nearly around 25% average Growth year on year.
- ✓ In the year 2008, we went for the atomization in the industry and established our new firm with CNC atomization.
- ✓ In the year 2012, we have expanded the unit of M/s J K Industries. We have replaced the old technology with the new atomized machinery. We have setup new 4 CNC machine for accuracy and fast production. Our capacity will be doubled after installing these improved machinery.
- ✓ Till 2012, we have total 30 + Units (Vendor) for Pre-machining job.
- ✓ Our Network is very vast to all over Gujarat and Maharashtra.

Infrastructure & Location :

J K Industries

9 -Navrang Para, Nr. Banarasi Hotel chowk, Mavdi Plot, Rajkot.

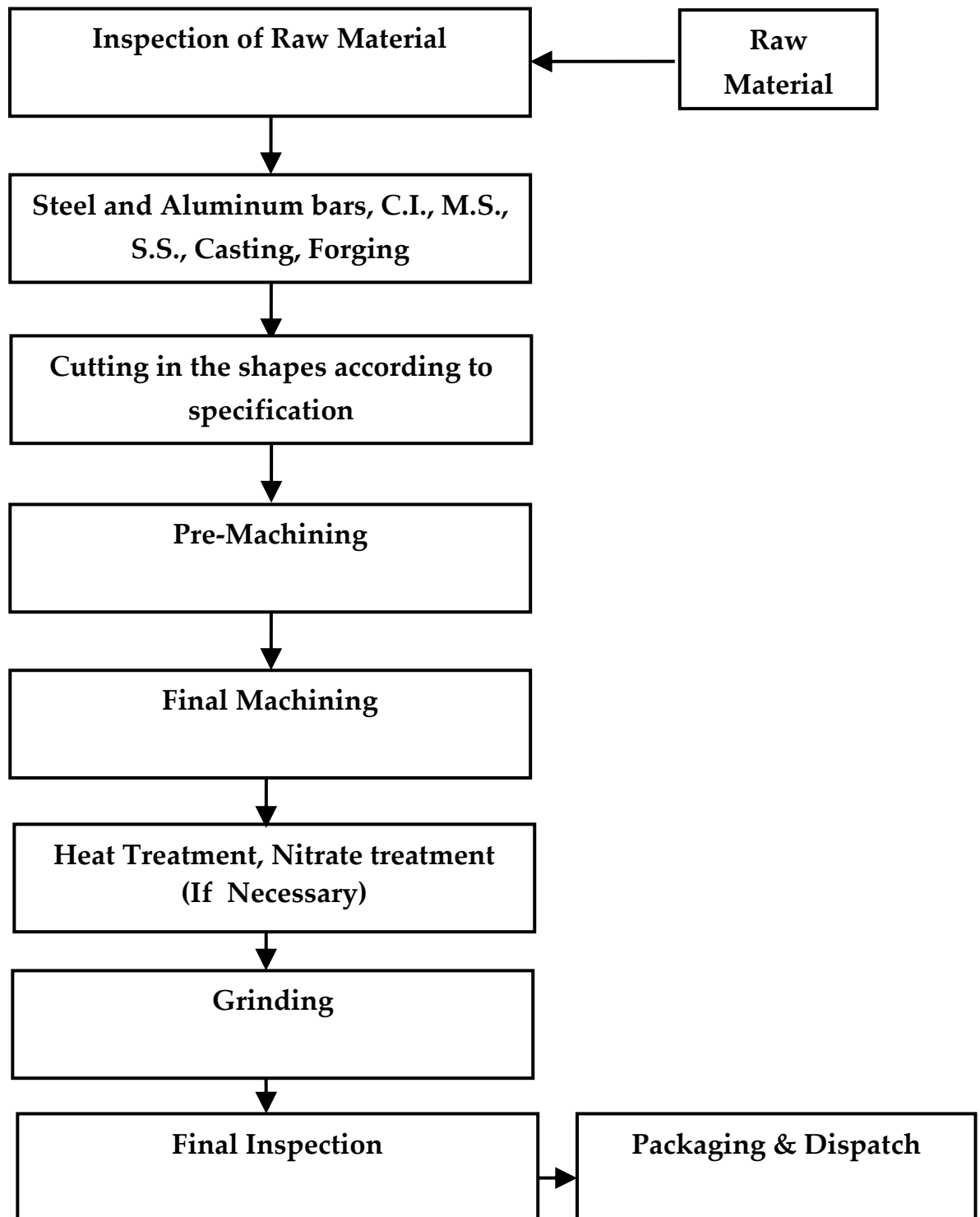
Land area : 4000 Sq. Feet.

Building Area: 6400 Sq. Feet (Built – up Area)

Technical Feasibility

- 1) *Manufacturing Process*
- 2) *Product Line*
- 3) *Plant Capacity*
- 4) *Availability of Plant And Machinery*
- 5) *Raw Material*
- 6) *Instruments For Quality Inspection*
- 7) *Manpower Requirement*

1) Manufacturing Process of Textile machine tool parts & Auto Parts and SPM parts.



The manufacturing is very simple as shown in the above chart. Initially, the procurement of the raw materials such as steel bars, aluminum bars and C.I. Castings is done. And after that the cutting of the raw material as per the specification of the parts is done and machining and grinding on it executed. And after that the product is packed and ready for the dispatch.

2) Product Line:

- ❖ Auto Parts
- ❖ Textile Machine Parts
- ❖ Forging & forging Parts
- ❖ CNC turning components
- ❖ Machine Tools Parts
- ❖ Defense parts
- ❖ Auto ancillaries
- ❖ Pipe fitting products
- ❖ Electrical Parts
- ❖ SPM Product Parts

Range:

We produce in the different types of range of the product. We produce the the product from 5 mm to 250 mm (O.D. limit) and from 10 mm to 300 mm (Length).

3) Plant Capacity:

Initially the plant is running for the 12 hours and 1 shift. We have taken the average production of all the products for the calculation of the install capacity. The install capacity of the plant is and 500000 nos. Per annum.

After installing the new 4 CNC machinery the plant capacity will grow to double i.e. and 1000000* nos. per annum. The plant will run only 12 hours and in the single shift.

*(*Note : this Capacity is Depends on the Different Type of Job Operation)*

4) Availability of Plant and machinery

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The firm has its existing plant and machinery which are as follows:

Sr. No.	Machine Name	Nos.	Make
1)	LL 20 T L3 CNC Machines	2 Nos.	LMW
2)	Smarturn CNC Machine	2 Nos.	LMW
3)	Hyd. Automation Coping	1 Nos.	
4)	S P M - Milling Machine	1 Nos.	
5)	Milling Machine	1 Nos.	
6)	Cylindrical Grinding Machine	1 No.	
7)	Surface Grinding Machine	2 Nos.	
8)	Lath Machine	4 Nos.	
9)	Trob Machine	1 No.	
10)	Drill Machine	8 Nos.	
11)	Batch Grinder	1 No.	

The machinery for the plant is easily available from the domestic market. For our requirement we have done the analysis of market for the cost effectiveness and efficiency of the machinery. And We have found the following CNC machinery best suitable for our requirements.

5) Raw Material:

The firm is producing various textile machine parts, auto parts and machine tools. The raw-materials used are steel bars, Aluminum Bars and C I Casting. These raw materials are easily available from the local market of Rajkot. And raw material is available for the whole year. And easily and at competitive rate from the local market. Sometimes, We also purchase raw material from Mumbai, Ahmedabad market as per requirement.

6) Instruments For Quality Inspection

We also believe in providing the superior quality product to our client and for that we have established our own quality checking department and following are the instruments we use for the same.

Sr. No.	Instrument Name	Nos.	Make
1)	Air Gage unit	2 Nos.	Accurate, Pune
2)	Bore Gage Unit (Capacity 10mm to 300mm)	5 Nos.	Mitutoyo
3)	Height Gage (Range : 500mm)	1 Nos.	Accurate, Pune
4)	Micro Meter (0mm to 400mm)	10 Nos.	Mitutoyo
5)	Caliper (Digital)	1 No.	
6)	Caliper (300 mm)	1 No.	
7)	Caliper (200 mm)	1 No.	
8)	Caliper (150 mm)	1 No.	
9)	Slip Gage (0.1 to 25 mm)	1 Box	
10)	Surface Granite Plate (150 mm X 1500 mm)	1 No.	
11)	Surface Granite Plate (600 mm X 600 mm)	1 No.	
12)	Surface Granite Plate (300mm X 300mm)	2 Nos.	

7) Manpower requirements:

The firm is situated at the Navrangpara St -9, Mavdi Plot, Rajkot. It is situated in the industrial area and in the center of Rajkot city. Therefore, Manpower is easily available from the local market and at a competitive rate. The firm has past experience of more than 15 years. So, the manpower is also easily available.

The manpower requirement of the firm is derived as follows.

Particulars	Existing Nos.
Supervisor	1
Skilled & Unskilled Labor	10
Admin	2
Total	13

Locational Advantage :

The unit is set up in the industrial area of Mavdi Plot, Rajkot. The transportation and all other communication facilities are available within 1 km of area.