

PROFILE

- Name Of The Company** : Omnifab Engineers Pvt. Ltd.
- Year Of Establishment** : Incorporated as Pvt. Ltd. Company on 07.12.2010.
(Operating since 2006 as Omnifab Engineers – Proprietary Company)
- Products Manufactured** : Chemical Process Equipments
Structural Assemblies
Pumps
- Registered Office** : F4/203, Shankheshwar Nagar, Manpada Road,
Dombivli (E) – 421204.

Telefax : 0251 – 242 6873

e-mail : marketing@omnifabengineers.in

Website : www.omnifabengineers.in
- Factory** : Plot No F-30, MIDC, Additional Ambernath,
Anand Nagar, Ambernath (E) – 421 503
- Directors** : Manoj Tadvalkar / M M Gupta
- TIN No** : CST : 27390807598 C dt 22.12.10
VAT : 27390807598 V dt 22.12.10

MANUFACTURING ACTIVITIES :**PRODUCT RANGE :**

S. No.	Item	Features
1.	Tanks / Receivers	Upto 100 kL
2.	Reaction Vessels	Upto 30 kL
3.	Heat Exchangers / Condensers	Upto 200 m ²
4.	Agitated Pressure Filters	Upto 20 kL
5.	Dryers - Vacuum / Atmospheric Tray Type	Upto 192 Trays
6.	Distillation Columns	Upto 1200 Ø X 30 m Height
7.	Sparkler Filters	Upto 24" X 24 Plates
8.	Chimneys	Upto 1200 Ø X 50 m Height
9.	Solvent Recovery Unit	--
10.	Special items as per customer drawing	--

The manufacturing process involves :

- Preparation of detailed engineering design & fabrication drawings
- Procurement of the raw materials & the bought-out components.
- Laying out and cutting the raw material as per drawing.
- Set up and carry out the tack welding. Check the dimensions & alignments / levels.
- Carry out the root run and back chip and conduct DP test to detect cracks.
Complete the welding and grinding.
- Final checking of dimensions and alignments / levels.
- Buffing of the surfaces to meet cGMP standards as per customer's specifications.
- Stress relieving, sand blasting, lining, etc. if required by the drawing / specifications.
- Conduct hydrotest, peel test, spark test, etc

- Conduct NDT as per the drawings / specifications.
- Assemble the components to check the final dimensions, aesthetics, marking, etc.
- Apply paint and do the necessary packing for dispatch.
- Load the equipment on a carrier in a stable way for safe transport and delivery.

Materials Handled : CS, SS 304, 309, 316, 321, etc. to ASTM, DIN, JIS standards.

Corrosion Resistance Lining (Outsourced) : Metallizing, Rubber, PTFE, FRP, FRE, Lead Bonding, etc.

Facilities available

Design & Drawing :

- All the required standards, specifications and handbooks are available for reference.
- Structural, mechanical and process design is done through expert Associates
- All the drawings are prepared on Auto-CAD.

Manufacturing :

- Total Plot area 1000 sq m with covered area of 800 sq m and height of 15 m below the gantry girder.
- For material handling there is mechanical hoist of 10 T available. Hydra from outside is called when required to handle any extra heavy loads.
- Following machines and equipments are available to carry out fabrication :

“MEMCO” rectifier 400 A with

- a. Single holder – 4 nos
- b. Double holder – 1 nos
- c. 3 holder thyristor controlled– 1 nos
- d. Argon Welding Machine – 3 nos
- e. CO₂ Welding Machine – 1 no

Plasma Cutting M/c upto 40 mm – 1 no

Electrode Oven – 2 nos

Pug Cutting Machine – 2 no

Hydraulic Jack 10 T & 15 T capacity – 10 nos

Plate Bending Machine – 32 X 2500 – 1 no

Lathe Machines – 2 nos

Radial Drilling Machine – 50 mm capacity – 1 no

Magnetic Drill 1” – 1 no

Power Master Tube Expander upto 1” size – 1 no

Power Hacksaw – 1 no

Bench Drilling Machine – 1 no

Bench Grinder – 1 no

- Heat treatment, sand blasting, anti corrosion / thermal lining and special machining are outsourced.

The location of the unit and approach roads are suitable for loading and dispatch by any kind of road transport such as trucks, beavers, trailers, etc.

Inspection and Testing :

The company has evolved its own quality policy for customer satisfaction. All the stringent quality and documentation requirement are fulfilled. This has helped the company to become a preferred vendor of Transchem, PI Drugs, Krishna Antioxidants, etc.

The equipment and instruments available are :

- Vernier Calipers (12", 18" and 1m), Micrometers (100 – 200 & 0 – 100), Inside Micrometer (300), Dial Gauge and Go – No Go Gauges.
- Hydrotest pump upto 70 kg/cm² with pressure gauges of various range.
- Surface Plate for leveling reference.
- Tong Tester, Multimeter.
- Ultrasonic Thickness tester upto 40 mm.
- Facilities for DP testing.
- Other tests such as Radiography, Magnetic Particle Inspection, Helium Leak Test, etc. are outsourced to approved agencies

No Of Employees :

Workers : Highly Skilled : 14, Skilled : 21, Semi-skilled – 17,
Marketing and Administrative staff – 10

ALLIED ACTIVITIES :

Manufacturing and marketing of centrifugal pumps of ETA make in association with Shri Industries of Sangli. The range of pumps consists of :

1. ETA-A : Chemical process pumps conforming to ANSI B 73.1 standards
2. ETA-W : Centrifugal pumps for water and light chemical duties
3. ETA-H : High capacity centrifugal pumps (upto 2000 m³/hr)
4. ETA-S : Self priming pumps

Authorised Representatives of Mahesh Engineers for marketing of their "Quality" make Chemical Process pumps. Mahesh Engineers have a full fledged manufacturing unit in Dombivli for machining, assembly and testing of pumps. The range of pumps consists of :

1. QP-SPP – Non-back pull-out type process pumps
2. QP-S / QP-SS / QP-MS – Back pull-out type pumps

In association with Think Engineers, Mumbai we provide the following products and solutions :

1. Variable Frequency Drives
2. Design, manufacturing and installation of process automation / control systems such as PLCs, DCS, SCADA, etc.

We also undertake Project Management services for chemical / Pharmaceutical industries through our team of expert Associates in process and equipment design.

Partial List of Customers Presently Serving :

The company is serving a number of customers mainly from the Pharmaceuticals and Chemicals industry. A list of selected customers is given below :

1. Acharya Chemicals – Chemical Process Equipments
2. Altra Purechem - Chemical Process Equipments
3. Anagha Specialities - Chemical Process Equipments
4. Aristo Pharmaceuticals Pvt. Ltd. – Equipments
5. BASF India Ltd – Plant structure
6. Bombay Chlorides Pvt. Ltd. - Chemical Process Equipments
7. Chemplast Sanmar Ltd. - Cooler
8. Darshan Chemicals Pvt. Ltd. – Receivers, Reactor components, etc.
9. Dr Acharya Laboratories Pvt. Ltd. - Chemical Process Equipments
10. Elixir Chemicals Pvt. Ltd. – Chemical Process Equipments
11. Excel Engineering – Storage Tank
12. Exel Technologies India – Industrial Robot Base
13. Fegde Plasticchem Pvt Ltd – Storage Tank
14. Filtra Specialty Catalysts – Chemical Process Equipments
15. Globe Industries – Chemical Process Equipments, Structural Items
16. Globe Gas Equipment Industries Pvt. Ltd. – Tanks
17. Harkab Chemicals - Chemical Process Equipments
18. Herbert Brown Pharma & Research Lab - Chemical Process Equipments
19. High Explosives Factory Ltd., Khadki - Equipments
20. Hikal Ltd - Receivers
21. Hindustan Platinum Pvt. Ltd. - Chemical Process Equipments
22. Inventys Research Co Pvt Ltd – Pump
23. Kawaken Sterling Surfactants Pvt. Ltd. - Chemical Process Equipments
24. Krishna Antioxidants Pvt. Ltd. – Chemical Process Equipments
25. La Nova Chemicals Pvt. Ltd. – Receivers and Reactors
26. Lab Chem Pvt. Ltd. - Chemical Process Equipments
27. Lasa Laboratory Pvt. Ltd. - Chemical Process Equipments
28. Mahesh Engineers (High Explosives Factory, Khadki) – Nitrators, Blower fans
29. Manisha Remedies - Chemical Process Equipments
30. Multi Organics Pvt. Ltd. – Pumps and pump components
31. Nirlon Ltd.(Al Abbar Metal & Glass Pvt. Ltd.) – Structural Fabrication
32. Parav Biopharma Pvt. Ltd. – Chemical Process Equipments
33. Pest Control (I) Pvt Ltd - Pumps
34. PI Drugs & Pharmaceuticals Ltd. – Chemical Process Equipments, Pumps, etc.
35. Productive Engineers (I) Pvt. Ltd. – Vessels
36. Quimica India Ltd. – Receivers and Structural Items
37. Rallis India Ltd.- Equipments
38. Sequent Scientific Ltd. – Equipments
39. Shirdi Chemcials Pvt. Ltd. - Chemical Process Equipments
40. SI Group India Pvt Ltd – Pump Spares, LPG Storage Tank
41. SP Fabricators Pvt. Ltd. – Structural Fabrication
42. Star Chemical Inds - Autoclave
43. Sterling Auxiliaries Pvt. Ltd. – Receivers, Storage Tanks, etc.
44. Tej Engineering – Pumps & spares
45. Thakkar Dyechem - Chemical Process Equipments
46. Tri-Tech Engineering - Pumps
47. Transchem Ltd. – Chemical Process Equipments
48. Union Park Chemicals - Chemical Process Equipments
49. Unitop Projects – Pump components
50. Western Chemical Industries (P) Ltd. - Equipments