



ME MECHANISM ENGINEERING



ADDRESS

Plot No 196/8,Nr-Ramdev Trading,
Opp - Vapi Paper Mill,GIDC Vapi 396195.

PHONE

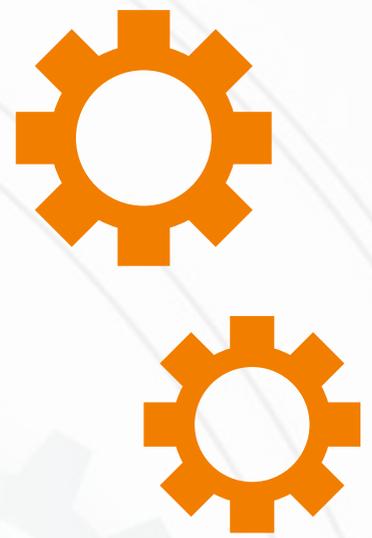
+91 95370 00873

Email

info@mechanismengineering.com

www.mechanismengineering.com

About Us



Established in the year 2017 at Vapi (Gujarat, India), we “Mechanism Engineering” are a renowned manufacturer, and exporter of a premium quality range of Paper Plant Machinery, Waste Water Treatment Plant etc. We provide these products at reasonable prices and deliver these within the assured time-frame. .

The provided products are widely acknowledged for their sturdy design and high strength. Under the headship of “Mr. Hardik Solanki” (Director), we we have achieved a noteworthy position in the market.

Vision

“ To be a World class Pharma Equipment Enterprise ,Providing Single Point Solution in Pharma an allied industries, with a customer centre approach, Driven by Manufacturing Excellence, achieved through creating vibrant team.”

Mision

“ To be the preferred brand of choice, across the globe in the pharmacy and allied industry by providing trusted solutions with the highest quality &cost effective engineering. .”

Our Products

Waste Water Plant Machinery

We are the leading manufacturer of waste water plants Machinery etc..



Paper Plant Machinery

We are the leading manufacturer of paper plant machinery, (Pulp mills and paper machine etc..)





OIL SKIMMER

Advantages

- ▶ Required less space.
- ▶ A single unit elevates and separates oil.
- ▶ Lifts oil any distance without the need of expensive pumps.
- ▶ Maintains skimming efficiency with fluctuating fluid level.
- ▶ Can be used in depths as shallow as one foot, or as deep as 100 feet.
- ▶ Requires no tank modifications in most applications.
- ▶ Operates in turbulent liquid using optional tail pulley cage and tether assembly.

Description

Our Methodology - We analyse the effluent sample for different effluent parameters as per nature and compositions, carry out the treatability studies by using different method checking techno-commercial feasibility and then designed treatment schemes, processes accordingly to suit the purpose and need.



EFFLUENT TREATMENT PLANT

Description

Mechanism Engineering has a tradition of manufacturing and supplying the industry's highest quality and most reliable clarifier mechanisms from basic bridge or pipe supported mechanism to those with the most complex and demanding special requirements. ME mechanisms are driven by high torque designed drive units that have corrosion resistant and precision ratings superior to any drive on the market, and exceed the industry's highest standards.



CLEARIFIERS AND CLARIFLOCCULATOR

Description

Our company is one of the well known companies that manufacture and supply a large range of Flash Mixers. These products are sturdily built and ensure long lasting service life. High tensile strength and reliable performance are some of the main specifications of these products. These products are easy to use and need low maintenance. We are offering these products at affordable rates.



FLASH MIXER

Description

- Sewage treatment plant is used to remove contaminants from wastewater. It involves physical, chemical and biological processes to remove physical, chemical and biological contaminants.
- STP is very effective and economical. Manufacturing capacity 1 kld to 1000 kld.
- We also provide STP Operator.
- These plants are sustainable & environmental friendly.
- Also offered technologies in compact STP.



SEWAGE TREATMENT PLANT





ARC SCREEN



MULTI RAKE SCREEN



AUTO RAKE SCREEN



STEP SCREEN



AERATORS



FLOATING SURFACE AERATOR



FIXED SURFACE AERATOR



ASPRITING AERATORS



CORRUGATED PLATE INTERCEPTOR

Technical specification

- ▶ Perforation: 2 mm to 20 mm, larger on request
- ▶ Channel width 500 mm to 1500 mm, larger on request
- ▶ Channel depth 500 mm to 1500 mm, larger on request
- ▶ Discharge: above channel or in collection bin installed with screen
- ▶ MOC: SS 304, SS 316, SS 316L, Other grades on request

Description

We are leading manufacturer Fixed Surface Aerator, Surface Aeration, Surface Aerator. Oxymax is the new generation aerator. After a long period of testing, the ideal design was developed. A complete new design which ensures a high efficiency, a huge mixing effect and very smooth running with less vibration to the bridge and drive unit. The new surface aerator is designed on the basis of the latest know how on surface aeration and beats the old problem with this kind of aerators. There are two types of aerator in our product range

Advantagestion

- ▶ Low space requirement
- ▶ Very less maintenance, low capital and operation cost.
- ▶ High efficiency and capacity combined with compact volume
- ▶ Low installation cost since units are mostly prefabricated
- ▶ Handles shock loads of flow without affecting effluent quality
- ▶ Continuous operation without major down time.
- ▶ Insensitive to weather condition, variation in temperature and composition of incoming liquid.



(PULP MILLS)



D TYPE HYDRO PULPER

Features

- ▶ Easy separation of fibre, with minimum fibre loss.
- ▶ The use of smaller perforation sizes in downstream screens.
- ▶ Low specific power consumption
- ▶ Used for treating OCC, AOCC, NDLC.
- ▶ The light & heavy reject can be discharged from the tub before being broke.
- ▶ Purger prevents contaminants build up in the Pulper Vat & helps in production increase.



ATS PULPER

Technical specification

The Pulper consists of MS cylindrical shell welded to end cones on either side supported by fabricated legs. On one side of the Pulper, there is a half round sturdy MS base which in turn will be fixed on the foundation.

The Pulper has SS 410 / CA 40 cast impeller fixed on one side of a shaft supported by heavy duty self aligned double row ball bearing enclosed in plumber blocks. The housing is further provided with a stuffing box, gland and GM bush for trouble free operation and sealing.

The Pulper is fixed with a machined trough having a removable type S.S. 304 perforated screen and a bottom outlet. At the bottom of the Pulper,



THICKENER WITH VAT

Technical specification

The drum is made out of SS 304 perforated plate with SS spider rings at both ends. The spider rings are centrally mounted on a shaft which is supported on 2 nos. Bearings with plumber blocks at both ends. One end of the shaft is provided with spur gear for giving of the drum. Both end of the shaft is provided with gland arrangement for sealing. The drum is driven by a pinion mounted on output shaft of worm reduction gear box.



(PAPER MACHINE)



WIRE PART SECTION & FORMING EQUIPMENTS

Description

It is designed for formation & drainage capacity optimization. We also provide Twin wire arrangements for Multi Layer and high GSM. All parts in contact with water or stock are made of S.S. and corrosion resistant materials.



PRESS PART

Description

We offer to our clients a wide range of Press part that ideally finds application in paper industries. Our range of Press Part is manufactured using high grade raw material and the latest technology. This ensures unmatched quality and high utility to the clients. In order to ensure maximum client satisfaction. We can also customize our range of Press part as per their specifications.

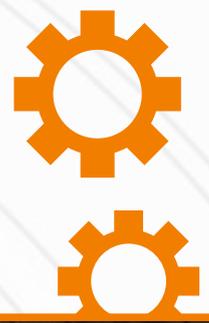


DRYER SECTION FRAMINGS

Description

Dryer framing design will be depend on mill speed, we are providing heavy duty MS framing. The MS framing will be specially designed and calculated for carrying load and suitable for absorb a vibrating stress.

Our Services



AGITATOR



COLUMN



HEAT EXCHANGER



REACTOR PRODUCT



STORAGE TANK



REACTOR STIRRER

Our Client





ADDRESS

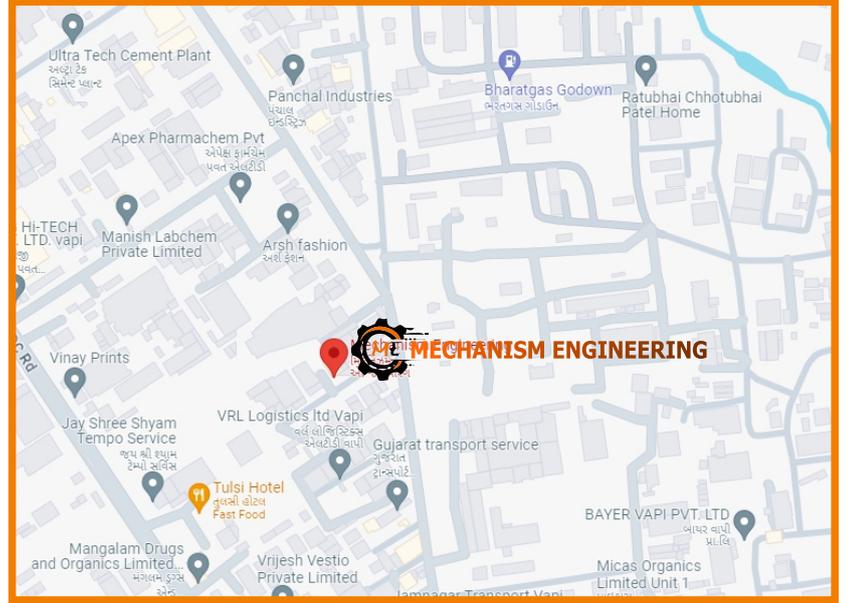
Plot No 196/8,Nr-Ramdev Trading,
Opp - Vapi Paper Mill,GIDC Vapi 396195.

PHONE

+91 95370 00873

Email

info@mechanismengineering.com



www.mechanismengineering.com