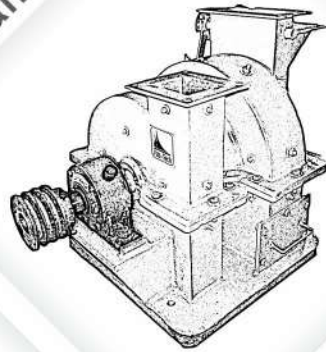
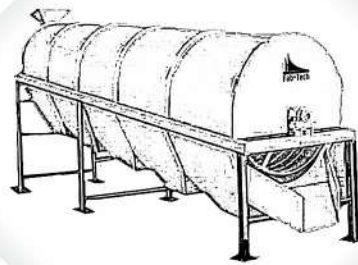


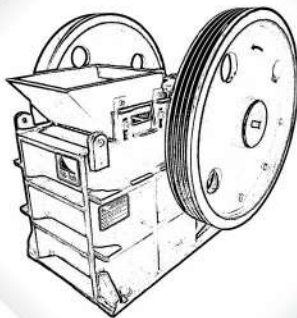
Grinding



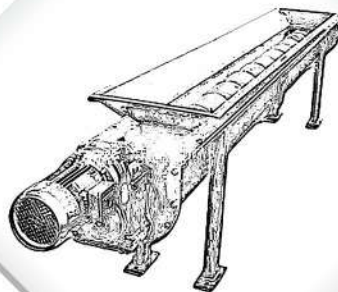
Screening



Crushing



Conveying



ABOUT US

Growth in the fabrication industry depends on strong innovation, a dedicated focus on quality and quick prompt delivery.

Fab-Tech Engineers was established in 2010 and since then we have built up a reputation for reliability, quality, on-time delivery and competitiveness in fabrication industry.

Fab- Tech engineers is leading manufacturer, supplier & exporter of different type of minerals processing equipments like grinding equipment, crushing equipment, screening equipment and material conveying/handling equipment, mixing equipment.

Our vast range of products provide high-tech machines in various industries like Minerals, Stone, Cement, Ceramic, Glass / Quartz, Refractories, Dyes & Pigments, Chemical, Pharmaceutical, Spices, Food, Cattle Feed, Agro, Ayurvedic Herbal & Roots, Power Plant, Slag Crushing, Steel Industries and many more

The combination of a friendly, professional service and the ability to meet tight delivery times has helped us to build up a large satisfied customer base.

Our Vision is to satisfy a customer at utmost level and built up a reputation for reliability, quality and on-time delivery.



Fab-Tech Engineer's various products are classified as below.

Grinding Equipment	Crushing Equipment	Conveying Equipment	Screening Equipment	Mixing Equipment
Impact Pulverizer Micro Pulverizer Hammer Mill Spice Pulverizer Disintegrator Ball Mill Pin Mill	Roll Crusher Jaw Crusher Roll Impactor Pre Crusher	Bucket Elevator Screw Conveyor Belt Conveyor Rotary Valve	Vibrating Screen Vibro/Gyro Screen Rotary Screen	U-Mixer/Ribbon Blander Double Cone Blander Sigma Mixer

Application in Industry

MINERALS



STONE



COAL



SALT



GLASS & QUARTZ



SPICE



CATTLE FEED



WOOD



DYES & PIGMENTS



CHEMICALS



PHARMACEUTICAL



AYURVEDIC / ROOTS



PAINT



REFRACTORIES



CERAMIC



STEEL INDUSTRIES



GRINDING / PULVERIZING EQUIPMENT



Impact Pulverizer

We are manufacturing heavy duty machine for fineness range 100 to 300 mesh. We also design machine for 500 mesh for special application.

We are providing as an optional AVM pad for less vibration & save cost for foundation.

We offer machine in MS or SS construction with different shape of liner & hammer having various metals like MS, En, SS, Mn Steel, Hi-Chrome etc. for better result & best life of wear & tear part.

**Capacity Range: Up to 3TPH
Size: 12" to 52"**

Applications
Minerals, Coal, Dolomite, Lime stone, Metal Powder, Slag Crushing (Metal Recovery), Refractory, Ceramics, Chemicals, Dyes & Pigments, Poultry Feed, Cattle/Animal Feed, and Agricultural Products like Gram, Maize, Rice-Husk, Sawdust, Ayurvedic herbs etc...

Micro Pulverizer

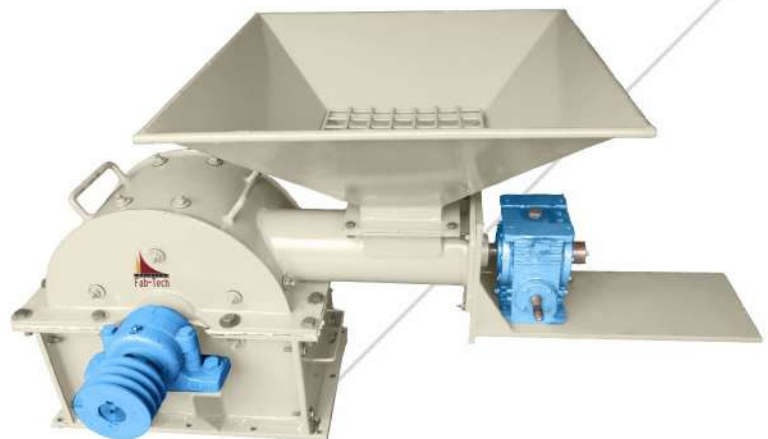
Micro Pulverizer is most suitable machine for salt & medium hard material grinding.

Input the material feed through screw and then grind the material in chamber between hammer and liners.

The Hammer offered in different shape, liner is serrated type and outlet screen is perforated.

We achieve the fineness up to 100 mesh in some different kind of grinding material.

We offer machine in MS or SS construction with different shape of liner & hammer having various metals like MS, En, SS, Mn Steel, Hi-Chrome etc. for better result & best life of wear & tear part.



Applications

Minerals, Pharmaceutical Industries, Lab Scale Applications, Food Industries, Chemical Industries, Agro Industries, etc...

**Capacity: Up to 1TPH
Size: Up to 500mm Dia**

www.fab-tech.in

GRINDING / PULVERIZING EQUIPMENT



Hammer Mill

The Hammer Mill is most suitable and convenient range to pulverize the material up to 80 - 100 mesh (150 micron).

Use Hammer Mill without cyclone and dust collector for bigger output particle size, for fine material acyclone with dust collector is used.

A robustly constructed machine for crushing different mineral, chemical, Ayurvedic Herbs, Agro Products, etc...

We offer machine in MS or SS construction with different shape of liner & hammer having various metals like MS, En, SS, Mn Steel, Hi-Chrome etc. for better result & best life of wear & tear part.

Capacity Range: Up to 10 TPH
Size: Up to 1200 x 1200 mm

Different chemicals, Minerals, Pigment, Coal, and Agricultural Products like Gram, Maize, Rice-Husk, Sawdust, Ayurvedic herbs, Cattle Feed, Animal Feed, Poultry Feed, Refractory, Ceramics, Dolomite, lime stone etc...

Applications

Spice Pulverizer

The most suitable and convenient range to pulverize the material up to 60 - 80 mesh

A heavy duty constructed machine for grinding different spice, chemicals, Ayurvedic Herbs, Agro Products, etc...

We are providing as an optional AVM pad for less vibration & save cost for foundation.

We offer different type of material for liners and hammer as per the product for better result and best life of wear & tear part.



Applications

Spices, Agricultural Products like Gram, Maize, Rice-Husk, Sawdust, Ayurvedic herbs, chemicals, Pigment, Coal, Cattle Feed etc...

Capacity Range : Up to 300 KG/HR
Size : Up to 600 mm Dia

GRINDING / PULVERIZING EQUIPMENT

Ball Mill



We are manufacturing both type of ball mill, batch type ball mill & continuous type.

Ball Mill is widely used in mining, building materials and chemical industries.

According to the grinding way, the Ball Mill can be divided into dry and wet types according to ways of discharge

Ball mill is useful for both application grinding as well as mixing purpose

Hardness: up to 9 moh's scale

We offer machine in MS or SS construction with different shape of liner & grinding media having various metals like MS, En, SS, Mn Steel, Hyper Steel etc. for better result & best life of wear & tear part.

Capacity Range:
Up to 5000 ltr in batch type ball mill
Up to 1 TPH in continuous type ball mill

Applications

Quartz, Topaz, Feldspar, Ceramic, Iron ore, Chemical Ind., Mineral Industries, Slag Crushing etc...

Disintegrator

The Disintegrator machine is grinds the material & Discharge at bottom, outlet material is collect in a bag, drum or on Any Conveying System (Material Handling System).

We are providing as an optional in dust collection system For Fine Dust.

We are providing as an optional AVM pad for less vibration & save cost for foundation.

Fineness: Up to 80 mesh

We offer machine in MS or SS construction with different shape of liner & hammer having various metals like MS, En, SS, Mn Steel, Hi-Chrome etc. for better result & best life of wear & tear part.



Applications

Coal, Chemical, Mineral, Ayurvedic herbs, hard & soft material as well as other allied industries etc...

Capacity Range: Up to 10 TPH
Size: 12" to 60" Dia

CRUSHING EQUIPMENT

Roll Crusher



Most suitable machine for getting granules out of the brittle and hard material with very low fines generation.

We offer a robustly constructed machine having roll with various metals like MS, En, SS, Mn Steel, etc. for better result & best life of wear & tear part.

We offer roll with different design like tooth type (corrugated type) & plain type.

Capacity Range: Up to 25 T.P.H
Roll Dia: 300 - 800 MM

Applications

Emery, Glass, Quartz, Ceramic, Minerals, Salt, Slag, Fertilizers, Chemical Ind. etc...

Jaw Crusher

We manufacture two types of Jaw Crusher, Single toggle and Double toggle.

Single toggle Jaw Crusher have simple and robust construction with grease lubricated bearings design, which is easy to maintain and economical. This machine gives higher percentage of fines.

Double toggle Jaw Crushers has forced oil lubrication with the help of oil pump and nozzles, the machine works with the help of two toggles, so that it's generates less fines and particles come with sharp edges.

Feed Size: 2" to 14"
Hardness: up to 9 moh's scale



Applications

Stone, Coal, Various Minerals, Ores, Slag, Ceramics, Glass, Quartz, Chemical Ind. etc...

Size: 6" x 3" to 30" x 15"

CRUSHING EQUIPMENT



Roll Impactor

We design and manufacturing the Roll Impactor machine with robustly construction for slag crushing, stone crushing, sand making , minerals crushing, etc...

Use heavy duty self align bearing for longer life of machine, spring loaded safety tie-bars.

For smooth running of machine, we offered the pulley and fly wheel at the both end of main shaft.

The machine design with totally open discharge, so its called screen less machine.

We offer liner & crushing blade in MS, SS, Mn Steel, Hi-Chrome etc. for better result & best life of wear & tear part.

Capacity : Up to 20 TPH
Size : Roll Dia - Up to 1200 mm

Applications

Useful in the Iron recovery plant, slag crushing plant, stone crushing, different type of minerals crushing, sand making plant etc...

Pre Crusher

We are manufacturing pre - crusher machine with heavy duty construction for robust application in industries.

This machine is also called as a primary crusher as well as lump crusher, its design with single shaft or double shaft construction.

The machine's crushing blades are made from very harden material like Mn. Steel, En, C-45, SS material etc.. to suite with application.

Separate drive given for double shaft crusher, so the blade crush the material with minimum friction.



Applications

Coal, Chemical, Mineral, Ayurvedic herbs, hard & soft material as well as other allied industries etc...

Capacity Range : Up to 5 TPH
Size : Up to 1000 x 1500 mm

CONVEYING EQUIPMENT



Bucket Elevator

The bucket elevator is design in vertical column type shape, so this machine covered low floor space. it is most preferable choice for lower floor space and discharge at height application in industries.

The machine runs with nylon or canvas belt for low density material and for heavy material the chain will be use instead of belt.

We offer different size and type of buckets like MS / SS / Plastics, as suitable with application.

The buckets are fitted on belt or chain and run by gearbox.

For smooth running and longer life of machine we are using standard quality Gearbox, Electric motor, Belt, Chain, Bearing, etc...

We offer machine in MS or SS construction.

Capacity Range : Up to 20 TPH
Size :- Up to 20" Bucket

Applications

Chemical Ind., Power Plant, Mineral Ind., Stone Ind., Coal Ind.,
Food & Agro product industries.

Screw Conveyor

We offer two types of screw conveyor 'U' trough type & pipe type.

Screw conveyor is use for transfer the material like powder or grains form.

U type trough & flight is screw type, top covered, both end sealing type for prevent dust leakages.

Screw made from mild steel, stainless steel or to suit the application.



Applications

Stone, Coal, Various Minerals, Ores, Paper Ind., Agro Ind.,
Spices Ind., Chemical Ind., Steel Ind., etc...

Capacity Range : Up to 25 TPH
Size :- Up to 24" Dia

CONVEYING EQUIPMENT

Belt Conveyor



We offered both type of belt conveyor open type and closed type. Belt conveyor is use for transfer the material powder, grain or lumps type.

Travel Idler made in 3 piece (trough type) & return idler made in single piece, head pulley & tail pulley made from seamless pipe, main structure made out from ISMC steel section.

Top & bottom cover provide as an optional.

We offer conveyor belt in two, three or four ply in rubber material (m-24 grade) & also in food grade material or as per the application.

Capacity Range:
Up to 50 TPH with customized design

Applications

Iron recovery plant, slag crushing plant, stone crushing, different type of minerals crushing, sand making plant etc...

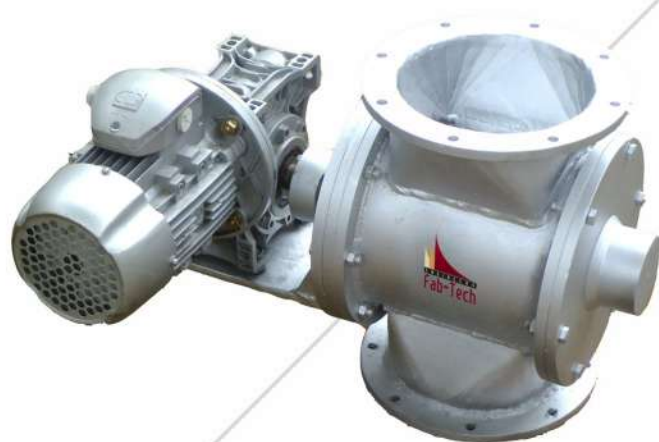
Rotary Valve

Fab-tech engineers design and manufacture the rotary valve in fabricated construction.

Rotary valve mainly used for powder type & granule type material handling application for uniform feeding in equipment as well as material discharge from equipment.

Rotary valve saves the material losses and control the dusting during material handling, which is advantage of this product.

Rotary valve is made out from M.S. or S.S. material to suite the application. It is operated by chain driven or direct gearbox arrangement.



Applications

Pharmaceutical Ind., Minerals Ind., Plastics Ind., Food Ind., Chemical Ind., Agro Ind., Coal Ind. etc...

Size: 6" to 20"

SCREENING EQUIPMENT



Vibro/Gyro Screen

The gyro screen works on the principal of the gyratory motion, so its called gyro screen.

it is also called circular vibrating screen. Vibratory motion is the most effective method for screening.

Vibro screen are driven by special type of vertically mounted vibrating electric motor, having eccentric at the upper & lower end of the shaft. Rotation of out of balance to weight causes vibration in horizontal plane, the rotation of lower weight causes vibration in vertical plane.

The heart of the screen is its special heavy duty vibrating motor, having out of balance weight at top & bottom.

Machine comes in MS or SS construction.

Size : 24" to 72" Dia

Applications

Chemical Ind., Mineral Ind., Stone Ind., Coal Ind., Paper Ind., Plastic Ind., Metal Powder Ind., Pharma Ind., Agro Ind., Ayurvedic Ind., Spice Ind. etc.

Vibrating Screen

We design and construct the vibrating screen in rectangular shape.

The machine offered with multiple decks as per client requirement of material separation.

Main structure is made from ISMC or ISA steel section, heavy duty MS plate use for main body.

We also provide the necessary stiffener for body strength.

Machine Shaft make from En8/SS material.

The springs are making from spring steel material, which gives good result of vibration and longer life of machine.

Machine comes in MS or SS construction.



Applications

Chemical Ind., Mineral Ind., Stone Ind., Coal Ind., Paper Ind., Plastic Ind., Pharma Ind., Agro Ind., Ayurvedic Ind., Spice Ind. etc.

Size :- Up to 5ft (W) x 24ft (L)

SCREENING EQUIPMENT

Rotary Screen



The rotary screen design and manufacturing in cylindrical shape.

We offered multiple cages for separation of material as per client requirement.

The machine has a heavy duty shaft which made from En8 material, fitted with heavy duty bearing at both end.

Main cage is made from heavy duty flats and square bars.

The screens are making from spring steel material with MS of SS grade, as suitable with client application.

Machine comes in MS or SS construction.

Applications

Chemical Ind., Mineral Ind., Stone Ind., Coal Ind., Paper Ind., Plastic Ind., Pharma Ind., Agro Ind., Ayurvedic Ind. etc.

Size :- Up to 4ft Dia x 20ft Long

Material Fineness Comparision Chart

Mesh	Microns	mm	Mesh	Microns	mm
4	4000	4.00	60	250	0.25
6	2812	2.81	72	210	0.21
8	2057	2.05	85	180	0.18
10	1680	1.68	100	150	0.15
12	1405	1.40	120	125	0.12
14	1240	1.24	150	105	0.10
16	1003	1.00	170	90	0.09
18	850	0.85	200	75	0.075
22	710	0.71	240	63	0.063
30	500	0.50	300	53	0.053
36	420	0.42	350	45	0.045
44	355	0.35	400	37	0.037
52	300	0.30	500	25	0.025

SPARES

Conveying Machinery Spares



Jaw Plate



Hammers



All Types Of Linear



Crusher Blades



Cyclone



Crushing Roller



Screens



MIXERS



 **U Mixer**



 **Double Cone Blender**

Address:

Fab-Tech Engineers

Shed No. 18, Shri Harikrupa Industrial Park,
Nr. Ramol Overbridge Expressway,
S.P. Ring Road, Hathijan, Ahmedabad - 382418



Call:

922755 9241 / 922755 9242 / 922755 9243 / 740505 9244



E-Mail:

fteng.ahd@gmail.com | info@fab-tech.in
fteng.ahd@rediff.com



Website:

www.fab-tech.in