

- ▶ **Crushing**
-
- ▶ **Grinding** ◀
-
- ▶ **Sieving**
-
- ▶ **Mixing** ◀
-
- ▶ **Conveying**



PRESENTING
WIDEST RANGE IN
**POWDER
PROCESSING
MACHINES**

about US

Welcome to **Vilnesh International**, Vilnesh is one of the leading manufacturer, supplier & exporter. **Vilnesh International** is a term of experienced technocrafts in the field of food & spices processing & powder processing manufacturing industries Base at Ahmedabad (Gujarat) in india. Providing quick and professional services.

Our Products Hammer Crusher, Hammer Mill, Impact Pulverizer, Mini Pulverizer, Vibro Screen/ Sieving Machine, Ribbon Blender / Blending Machine / Dry Powder Mixing Machine, Airlock Valve, Conveying Systems and many more machines.

Vilnesh international is a proprietorship company headed by **Miss Krina Panchal** (B.COM., DIPLOMA IN IMPORT AND EXPORT MANAGMENT, PGDM Marketing & Rifle Shooter) supported by management of company and marketing systems and the healthy relationships company enjoys in the market.

The product and equipment manufactured and produced under the guidance of Mr. Dineshbhai Panchal who is time tested and has earned reputation. This legacy and versatality of her father and with the dream of excelling in this field, Miss krina panchal has started this venture with the sole purpose of adding innovation & improving quality standards thereby adding more feathers.

The company enjoys a good rapo with its counterparts accross borders & because of this good will & encouragement from well wishers abroad, we strive to improve to fullfill their expectations. So, with the motto of **"Excelling through competence"** let us enter into the world of **"Vilnesh International"**.



Honor



Industries We Serve



Spice



Ayurvedic & Herbs



Food Colors



Chemical



Cattle /Animal Feed



Pharmaceutical



Bulk Drugs



Dyes /Colors

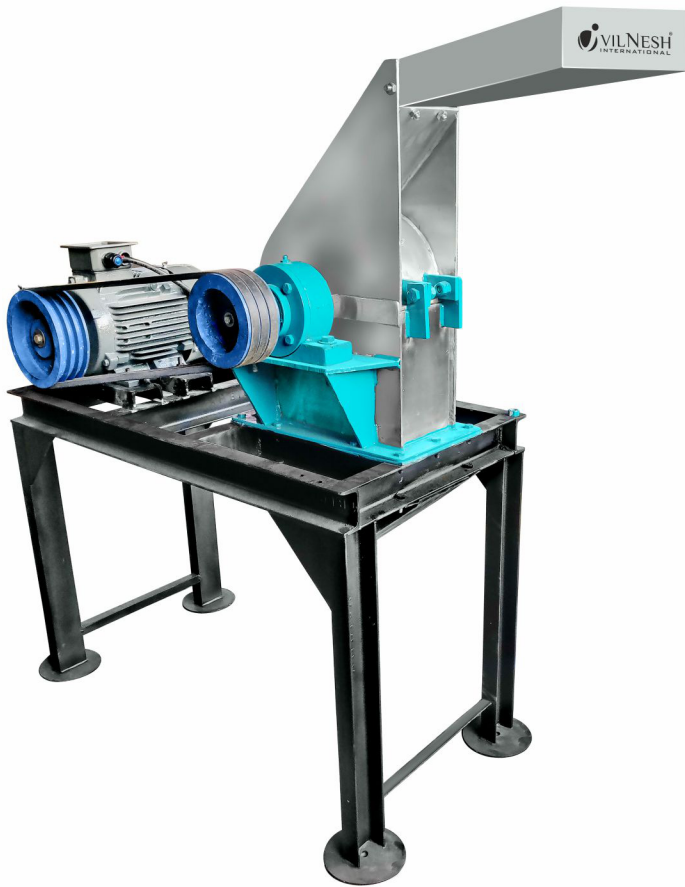


Distillery



Salt

Hammer Crusher/Mill



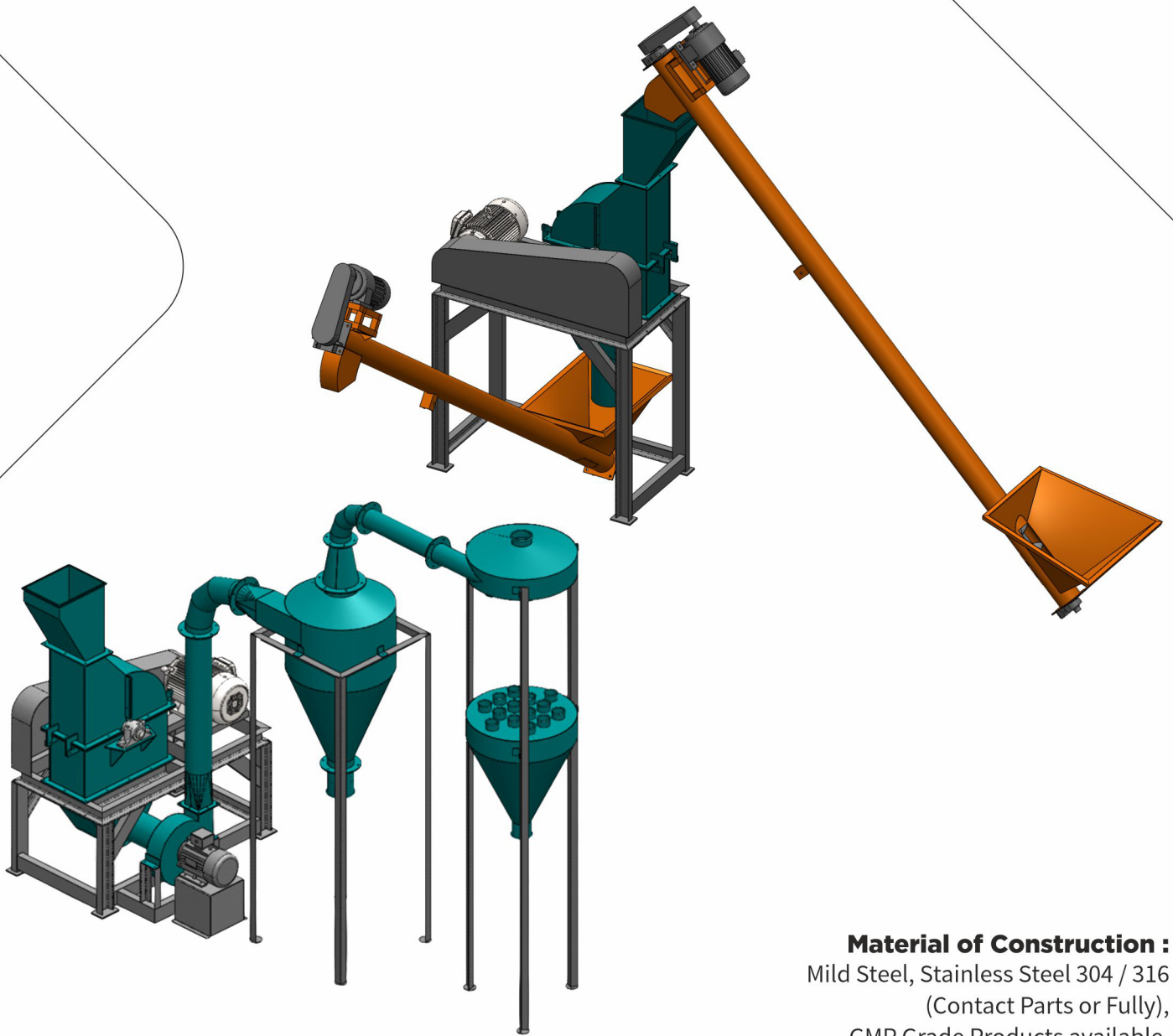
This system is use for pre-crush the products like **Salt, Chilli, Turmeric, Maize, Ginger, Ayurvedic Products and many more products** primary grinding. The resultant reduced size of the product would accelerate the grinding thereby saving precious power.

Model	12 X 6	16 X 8	20 X 12	24 X 14	32 X 16
Power (H.P.)	5 H.P.	7.5-10 H.P.	20-25 H.P.	30-40 H.P.	50-60 H.P.
Capacity (Kg.)	Depend on Product				
Fineness	Pieces / Granules As per requirement				
Material Handled	Soft & Fibrous				

Also Use for

- Distillery Dried Granules
- Cattle Feed Grinding
- De-Oil Cake
- Chat Masala
- Dry Chemical Lumps
- Food Color

And many more.



Material of Construction :
 Mild Steel, Stainless Steel 304 / 316
 (Contact Parts or Fully),
 GMP Grade Products available.

NFS Model	Motor H.P.	Motor RPM	Machine RPM
VHC-20X12	20-30 H.P.	1440	2400-2800
VHC-20X20	30-50 H.P.	1440	2400-2800
VHC-24X14	30-60 H.P.	1440	2000-2400
VHC-24X24	40-75 H.P.	1440	2000-2400
VHC-32X16	40-60 H.P.	1440	1800-2200
VHC-32X24	50-75 H.P.	1440	1800-2200
VHC-32X32	75-120 H.P.	1440	1800-2200

Hammer Mill



Hammer mill is economical unit designed for all types of spices for time saving operation.

Products pass through a wide feed hopper into the grinding chamber. The swinging hammers, in the rotating hammer rotor, crush materials at the stationary liners before passing through a screen and rotating hammers. The ground material is continuously sucked by a powerful air blower through the screen and conveyed through the pipe line into the cyclone separator for bagging. The air blower maintains constant atmospheric cool air flow in the mill chamber in order to obtain a cool & quality product and continuously cleans the screen, thus increasing the output of the ground material.

Use for

- Chilli (Mirchi)
- Coriander (Dhaniya)
- Garam Masala
- Chat Masala
- Spices
- Food Color
- All types of seeds
- Cattle/Poultry Feed
- Dyes & Color Chemicals
- Tea
- Rock Salt, Sea Salt
- Soft Stone, Lime Stone
- Pharmaceutical Bulk Drugs
- Aqua Feed
- Animal Bones
- Minerals

And many more.



Model	Motor H.P.	Motor RPM	Machine RPM
VHM-12x6	5 H.P.	1440	3500-4000
VHM-16x8	7.5-10 H.P.	1440	3500-4000
VHM-20X12	20-25 H.P.	1440	2200-2800
VHM-24X14	30-40 H.P.	1440	2200-2800
VHM-32X16	50-60 H.P.	1440	2200

Material of Construction : Mild Steel, Stainless Steel 304 / 316 (Contact Parts or Fully),
GMP Grade Products available.

Mini Pulverizer

We are the pioneers in the industry for manufacturing and supplying Pulverizer. The offered product is used for powdering substances in Spices, chemical, Pharma, Herbs, minerals and many industries.

It is exceptional in performance, energy efficient, easy to install and available at cost effective prices. Being made from high grade of material, it is resistant to corrosion.



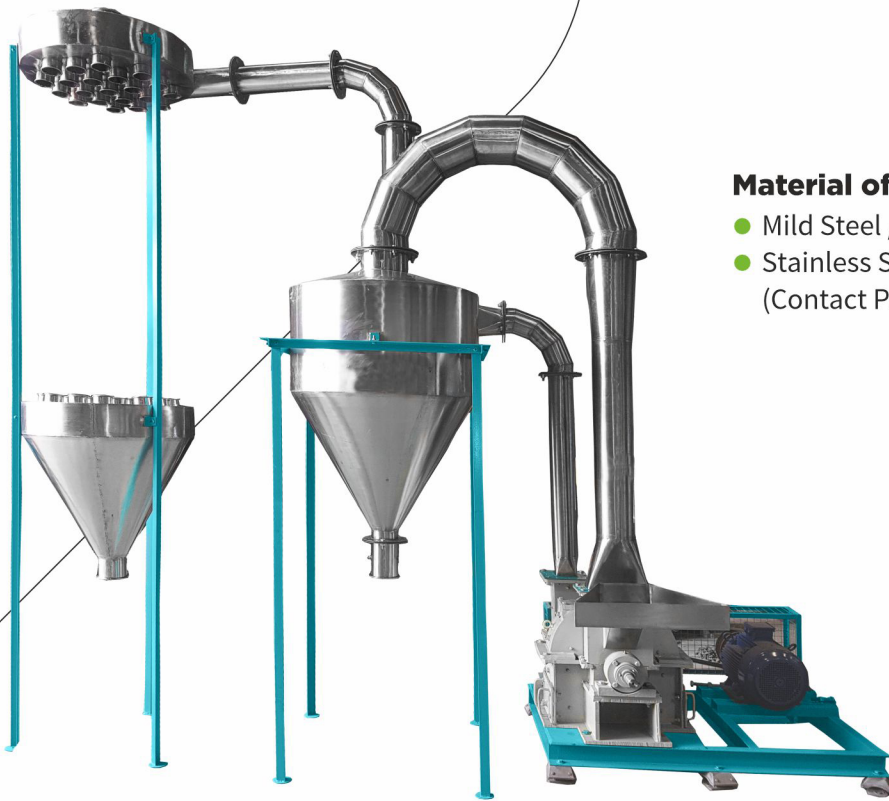
Model	Motor (H.P.) RPM	RPM (Machine)
VIP-12"	7.5 H.P. - 1440	2800-3500
VIP-16"	10 H.P. - 1440	2800-3500

Use for

- Turmeric
- Besan (Gram Flour)
- Rice Flour
- Ginger
- Wheat Flour
- Herbs
- Soft Stone
- Lime Stone
- Pharmaceutical Bulk Drugs
- Gulal
- Corn Flour
- Minerels
- Starch
- Soya
- Food Color / Chemical Color
- Pigment
- Chemical
- Dyes & Intermediate

And many more

Impact Pulverizer



Material of Construction :

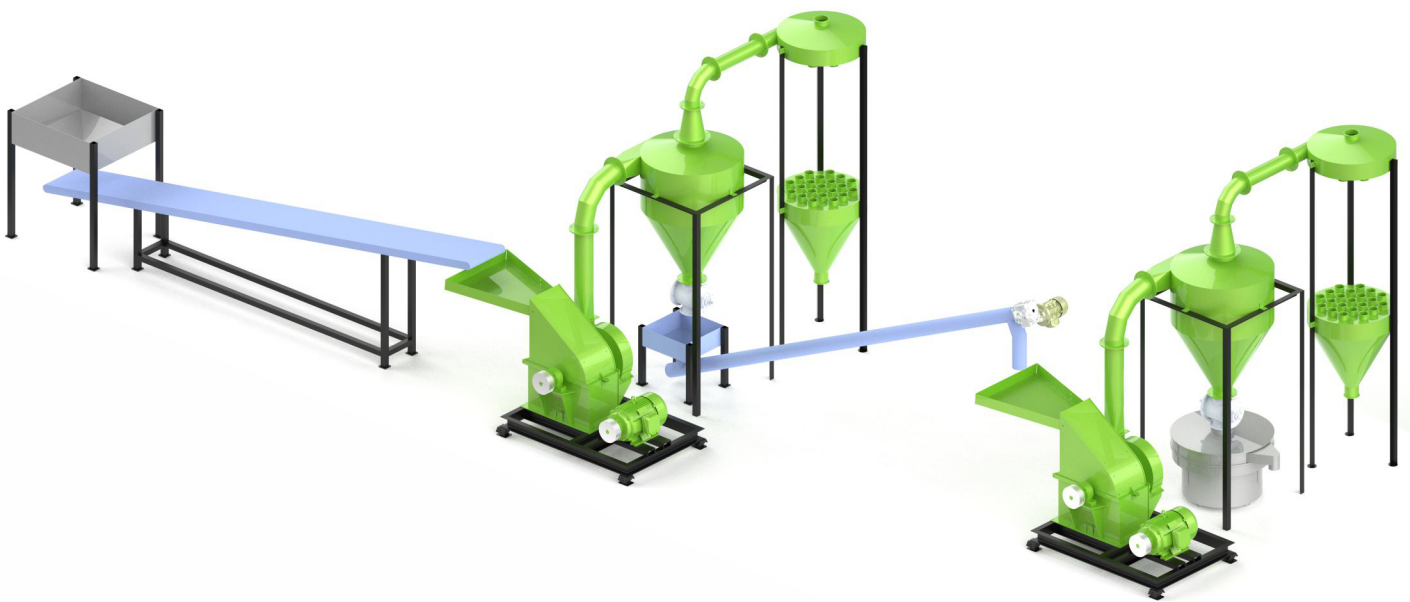
- Mild Steel / Cast Iron
- Stainless Steel 304 / 316
(Contact Parts)

Model	Motor (H.P.) RPM	RPM (Machine)
VIP-20"	20 H.P. - 1440	2200
VIP-25"	30 H.P. - 1440	2200
VIP-32"	60 H.P. - 1400	1800-2000



Two Stage Grinding System

Two Stage Grinding System is ideal for the material which needs to grind in 2 operation. Generally this kind of material is grinding two time in single machine but now we designed this system to prevent double labour work. In this system you can grind coarse and fine grinding continuously with the help of two machines and inter connected conveyors. this system is ideally use in spices Grinding and ayurvedic Product Grinding

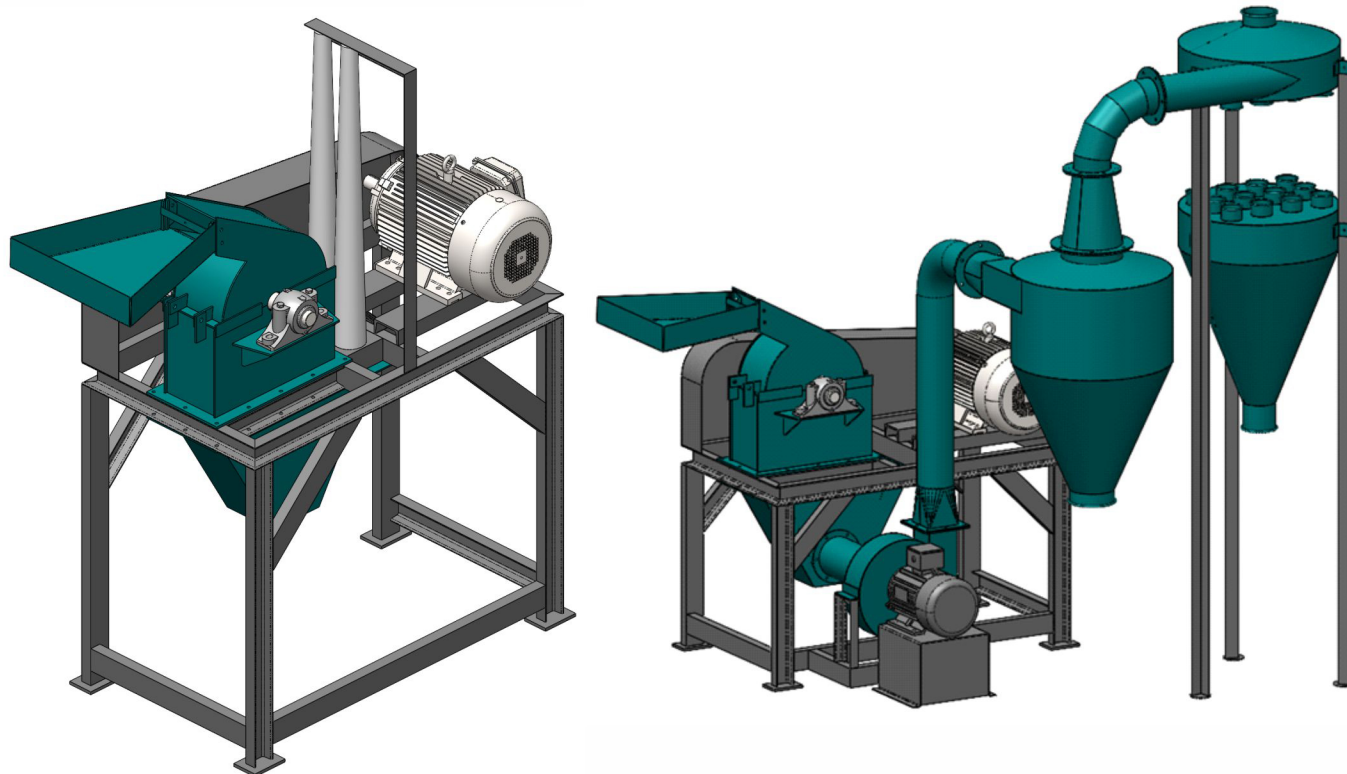


Model	Power Load	Capacity
1620	36-40 H.P. Appx.	125-150 Kg./Hr. Appx.
2024	38-45 H.P. Appx.	200-250 Kg./Hr. Appx.
2432	92-100 H.P. Appx.	500-600 Kg./Hr. Appx.

Material of Construction : Mild Steel, Stainless Steel 304 / 316 (Contact Parts or Fully), GMP Grade Products available.

Micro Pulveriser

Vilnesh Micro Pulverizer is use for fine grinding of Soft materials like leaves and Granules which pass through screen. we are also provide auto Screw feeding system for granules . this model is also available with Pneumatic conveying System and dust collector



Model	HP	Motor RPM	Machine RPM
VMP 16	10 H.P.	1440 Kg./Hr. Appx.	3600
VMP 20	20 H.P.	1440 Kg./Hr. Appx.	2800-3000
VMP 24	30 H.P.	1440 Kg./Hr. Appx.	2800-3000

Use for :

- Sugar
- Tea
- Leaves
- Chemical
- Pharmaceutical-Bulk Drugs

And Many More

Material of Construction : Mild Steel, Stainless Steel 304 / 316 (Contact Parts or Fully),
GMP Grade Products available.

Vibro Screen / Sieving Machine



Single Deck



Double Deck



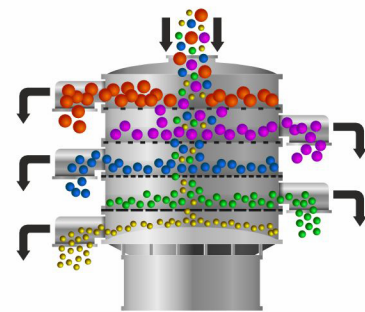
Tripple Deck



Four Deck



Double Deck



Material Flow

Model	VS600	VS750	VS900	VS1200	VS1500	VS1800
Machine Dia	24"	30"	36"	48"	60"	72"
Motor Hp / Kw	0.5	0.5	1	2	3	5
Electrical Supply	3 phase / 440v / 50Hz					
Approx. Machine Height With Cover	780mm 31" App.	825mm 32" App.	880mm 35" App.	1105mm 43" App.	1220mm 48" App.	1250mm 49" App.

Advantages of Vilnesh Vibro Screen :

- No Screen Choking / Blinding
- Continuous / Automatic Discharge
- Dust Proof
- Low Power Consumption
- Low Maintenance
- Easy To Open
- Screen Change Flexibility
- Multiple Mesh Screening

Use for :

- Food & Flour Industries
- Pharmaceuticals / Herbal
- Spices
- Starch & Glucose
- Dairy Industries
- Soap & Detergent
- Poultry Farm & other...

Optional Accessories (Extra Cost)

- Top Cover
- Spare Ring Frame
- Single Phase Module
- Extra Mesh
- Ball Tray
- (Anti Chocking Systems)

Material of Construction : Mild Steel, Stainless Steel 304 / 316 (Contact Parts or Fully),
GMP Grade Products available.

Ribbon Blender / Dry Powder Mixer



Vilnesh Ribbon Blender is one kind of mixer to mix different type of powders. Horizontal mixer is precisely designed to maintain combination of three major dimensions is Diameter, Ribbon width and Pitch. It is for effective distribution of very small amount of additive added is getting effected and assures homogeneity of final output. Powder is got Rotary as well as horizontal motion in positive direction to get effective blending which is happen by design perfect sizing of inner and outer ribbons.

Model	Power	Useful Volume
VRB5000	30 HP	5000 Litre
VRB3000	25 HP	3000 Litre
VRB2000	20 HP	2000 Litre
VRB1500	15 HP	1500 Litre
VRB1000	10 HP	1000 Litre
VRB500	5 HP	500 Litre
VRB250	3 HP	250 Litre
VRB150	2 HP	150 Litre (Tilting)
VRB100	1 HP	100 Litre (Tilting)

● Moter H.P. depends on product density

Potential Advantages

- Easy installation
- Low maintenance
- Center discharge
- Long work life
- High quality
- Low noise

Optional Features on Demand

- Liquid spray arrangement
- Material construction as per requirement
- Special changes to fit in Layout
- Outer Jacket for hitting/cooling

Material of Construction :

Mild Steel, Stainless Steel 304 / 316
(Contact Parts or Fully),
GMP Grade Products available.

Use for : Blender is used to blend powder product like

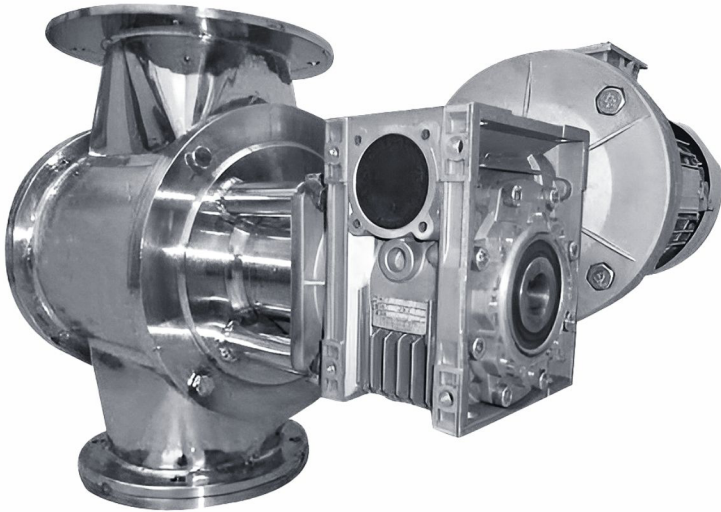
- Spices
- Pharmaceutical
- Chemicals,
- Namkeen
- Masala
- Pigments
- Organic Products
- Agricultures products
- Minerals
- Pesticides & Food products.

Rotary Airlock Valve

USES OF ROTARY AIRLOCK VALVE: VILNESH Rotary airlock valve uses for discharging dry powder from cyclone / storage silo.

About rotary air lock valve:- material is received from top in rotary air lock valve. Fill volume between rotar vanes and discharge at bottom side.

Material is discharge without air leakage. It can be mount directly on bottom flange of silo/cyclone of out let spout.



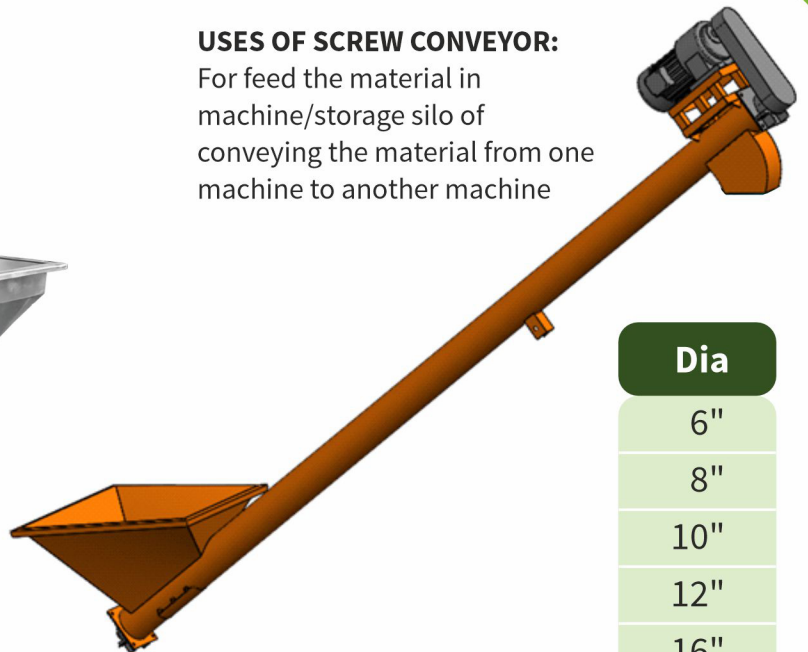
Model	HP	RPM
6"	0.5 H.P.	50-60rpm
8"	1 H.P.	50-60rpm
10"	1-2 H.P.	50-60rpm
12"	2-3 H.P.	50-60rpm

Material of Construction : Mild Steel, Stainless Steel 304 / 316

Screw Conveyor

USES OF SCREW CONVEYOR:

For feed the material in machine/storage silo of conveying the material from one machine to another machine



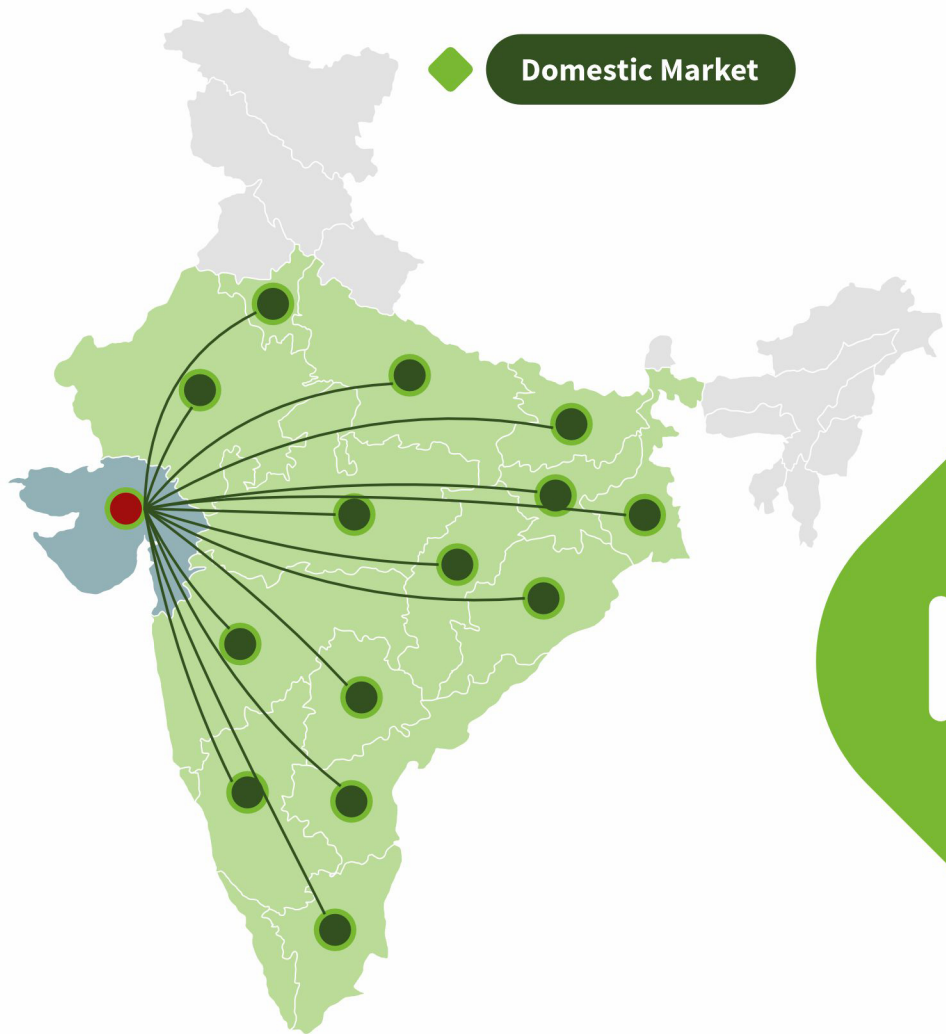
Dia
6"
8"
10"
12"
16"
24"

Tailor made length are available as per project/customer requirement. Motor power will depend on screw conveyor diameter and length.

Material of Construction : Mild Steel, Stainless Steel 304 / 316 (Contact Parts or Fully)

Global Presence of Our Machines

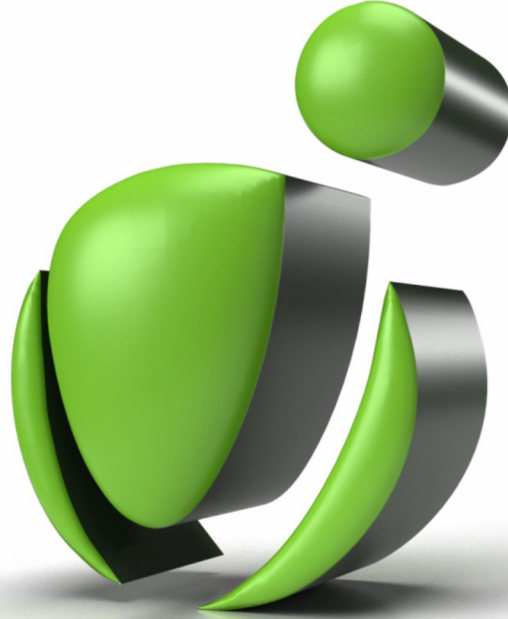
Domestic Market



- Andhra Pradesh
- Assam
- Bihar
- Chhattisgarh
- Gujarat
- Haryana
- Jharkhand
- Karnataka
- Madhya Pradesh
- Maharashtra
- Meghalaya
- Odisha
- Rajasthan
- Tamilnadu
- Uttar Pradesh

International Market





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LOCATION



*Due to constant developments, specifications & designs are subject to change.