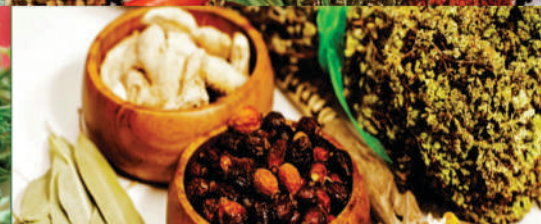


PREMIUM AYURVEDIC HERBS PROCESSING MACHINERY



PREMIUM CRUSHERS/PULVERISERS

- ☞ HAMMER CRUSHER
- ☞ MIRACLE MILL
(Star Hammer Mill)
- ☞ MICRO PULVERISER
- ☞ IMPACT PULVERISER
- ☞ WHIRLPUL
MICRONIZER

PREMIUM PROCESS EQUIPMENT

- ☞ HORIZONTAL MIXER
- ☞ VIBRO SCREEN
- ☞ REVERSE PULSE
AIRJET DUST
COLLECTOR

PREMIUM CONVEYING EQUIPMENT

- ☞ BUCKET ELEVATOR
- ☞ BELT CONVEYOR
- ☞ SCREW CONVEYOR

PREMIUM PLANTS & SYSTEMS

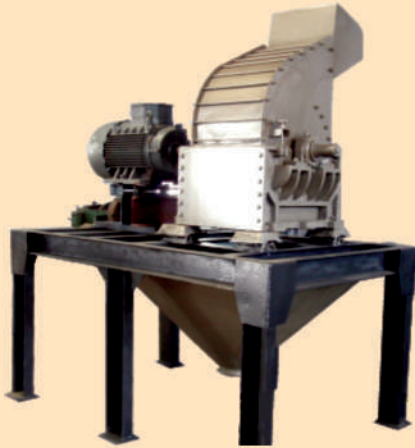
- ☞ HERBS-COARSE
GRINDING SYSTEM
- ☞ HERBS
FINE GRINDING &
SIEVING SYSTEM
- ☞ HERBS CRUSHING &
BLENDING SYSTEM

APPROVED APPLICATIONS FOR AYURVEDIC HERBS

- | | | | | | |
|---------------|--------------|--------------|--------------|------------------|------------------|
| • AMALAKI | • CHANDANA | • GUGGULU | • KAMAL BEES | • MUSTA | • SHATAVRI |
| • ANANTMOOL | • CHIRAITA | • HALDI | • KESAR | • NEEM | • SHILAJIT |
| • ASHWAGANDHA | • CHITRAK | • HARITAKI | • KUTKI | • PIPPLI | • SUNTHI |
| • BALA | • DALCHINI | • HING | • KAUNCH | • PUNARNAV | • TEJPATRA |
| • BARI SAUNF | • DARU HALDI | • JAIPHA | • LAVANGA | • RAKTA CHANDANA | • THAGARA |
| • BHRINGRAJ | • ELACIHI | • JAIPHAL | • MANJISHTA | • SAFED JERRA | • TULSI |
| • BIBHITAKI | • GOKSHURA | • KALI JERRA | • MEDA | • SAFED MUSHALI | • VAMSHA ROCHANA |
| • BRAHMI | • GUDUCHI | • KALIMIRCH | • MULETHI | • SHANKPUSHPI | • VIDANGA |

PREMIUM CRUSHERS / PULVERISERS

HAMMER CRUSHER



PREMIUM HAMMER CRUSHER is designed to **DISINTEGRATE** materials in **SMALL PIECES**. Big and irregular size of **FEED STOCK** are ground into **SMALL** sizes to facilitate movement and further grinding.

The **GRINDING ELEMENTS** rotate against **GRINDING (SERRATED) PLATE** and material is cut into small pieces. Generally **LARGE HOLE SIZE PERFORATED SCREEN** is put in **LOWER PART** of **CRUSHER** decides the **SIZE** of **GROUND MATERIAL**. This is **ADVANCED VERSION** of traditional **DISINTEGRATOR** who are having **FIX GRINDING RODS**.

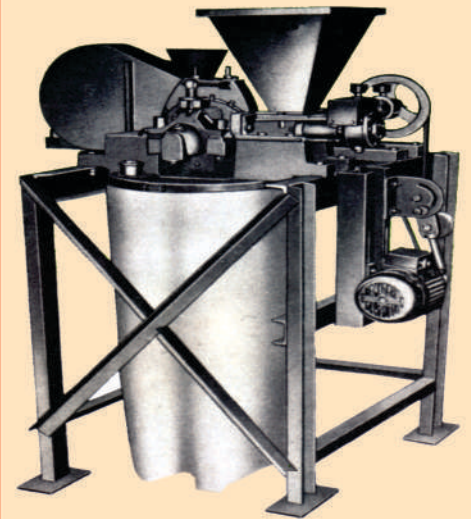
PREMIUM HAMMER CRUSHERS are having **SWINGING** type **HAMMER BARS**. The **SHAPE** and **SIZE** of **HAMMERS** is designed to suit the application. Hammer type, **SERRATIONS** of **GRINDING (BREAKER) PLATE**, **SPEED** of **ROTOR** and size of **SCREEN HOLE** decides the **SIZE** of **END PRODUCT**. This **Crusher** is **IDEAL** for **FIBROUS, BULKY, IRREGULAR SHAPED** materials into **COARSE** size material.

MIRACLE MILL (STAR HAMMER MILL)



- ☞ M.O.C., M.S., C.S., C.I., S.S. and S.S. lining available.
- ☞ Screen, Shape of Hammer Selected as per application.
- ☞ Bottom Discharge, Positive (CAB) & Negative (CAB) Conveying System available.
- ☞ Cool Grinding & Hence no Loss of Oil, Aroma & Colour.
- ☞ Easy & Quick Change of Screen & Hammer.
- ☞ Versatile Mill for Different Spices & Curry Masalas.

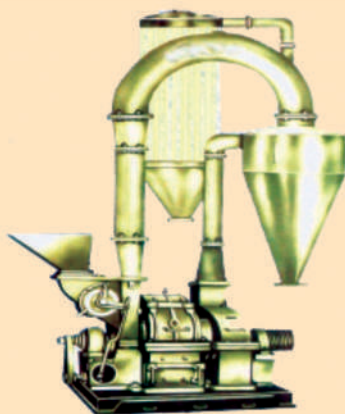
MICRO PULVERISER



- ☞ Fineness achieved due to Hole Size of SCREEN and Auto Feed Arrangement.
- ☞ Cool Grinding with Water-Jacket arrangement and hence Aroma, Pungency & Color maintained.
- ☞ Dust Free Operation due to Balloons (Fabric).
- ☞ Better Production / Energy Consumption ratio.
- ☞ Four Standard Models in M.S./C.I./S.S. and S.S. Contact Parts

PREMIUM SCREEN LESS PULVERISERS

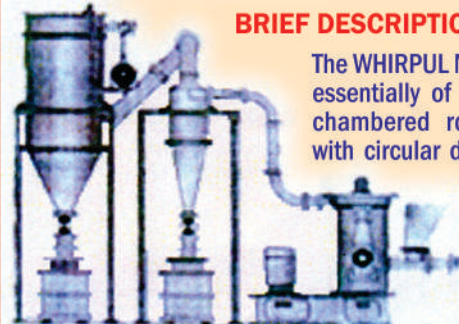
IMPACT PULVERISER



- ☞ Capacity range from 100 Kg./Hr. to 1000 Kg./Hr.
- ☞ M.O.C., M.S., C.I., C.S., S.S. and S.S. Lining available.
- ☞ This is a Screenless Pulverizer Fineness is achieved by adjusting wizzer blade adjustment in the cone.

- ☞ Extra Large Dust Collector can be Provided for Spices Containing more Oil.
- ☞ Screenless Pulveriser with Wizzer Cone Classifier for FINNER Pulverising.
- ☞ Extra Large Dust Collector can be provided for Dust Free and Cool Grinding.

WHIRLPUL MICRONIZER



BRIEF DESCRIPTION

The **WHIRLPUL MICRONIZER** unit consist essentially of an assembly of multi-chambered rotor units interpolated with circular discs and mounted on a shaft which rotates insides a casing lined alloy steel liner plates. A lower and upper fan cause an air current to circulate through the

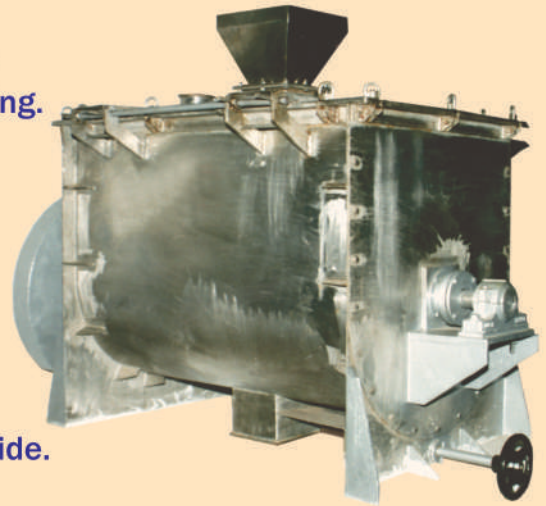
annular space between the rotor and stator, the quantity of which is regulated by means of air slides. The material to be pulverised is fed into the base of the

WHIRLPUL MICRONIZER unit, and is introduced in an intensely turbulent and upward moving air current until it reaches the upper section of the unit. A re-Cycling duct ensure that any insufficiently ground material can be re-introduced into the lower section. The complete installation also includes a cyclone for the collection of finely ground material and a Dust Collector.

PREMIUM PROCESS EQUIPMENT

HORIZONTAL MIXER

- ☞ Most suitable for mixing cattle and poultry feeds. Produces a homogeneous mix in dry or wet condition.
- ☞ Does not require any pre-heating, spraying or pre-mixing. Directly mixes molasses or liquids with carbo - hydrate ingredients.
- ☞ Mixing time required is short i.e. only 6 to 8 minutes.
- ☞ Dust proof construction.
- ☞ Stuffing box arrangement provided on both side to prevent dust entering the bearings.
- ☞ Provided with sliding type discharge gate at bottom and inspection cum cleaning openings on the top or side.
- ☞ Supported on sturdy foundation ribs.

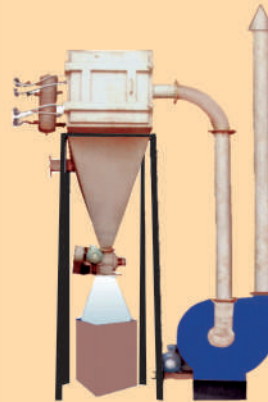


VIBRO SCREEN

- ☞ Works on Rotary and Vibratory Motion.
- ☞ Special, Heavy Duty, Robust and Factory make eccentric motor.
- ☞ Wire mesh screen, Top cover and Multi desk screens for different spices.



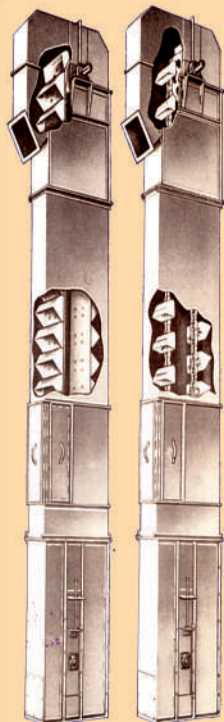
REVERSE PULSE AIRJET DUST COLLECTOR



- ☞ Powder Collection Hopper
- ☞ Filter Bags for Filter Chamber
- ☞ Filter Bags with Galv. Wire Former
- ☞ Clean Air Chamber
- ☞ Compressed Air Line
- ☞ Solenoid Valves
- ☞ Header
- ☞ Electronic Timer

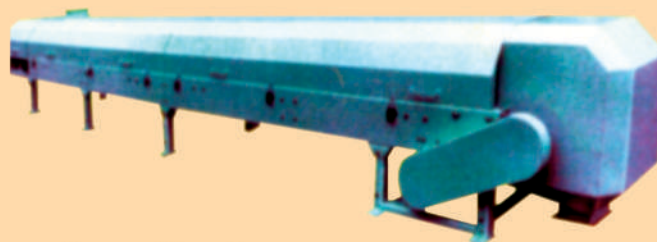
PREMIUM CONVEYING EQUIPMENT

BUCKET ELEVATOR



- ☞ Centrifugal/Continuous Types.
- ☞ Single/Double Legged Types.
- ☞ Choice of M.O.C./M.S./Galvanise.
- ☞ Capacities 250 Kg./Hr. to 25000 Kg./Hr.

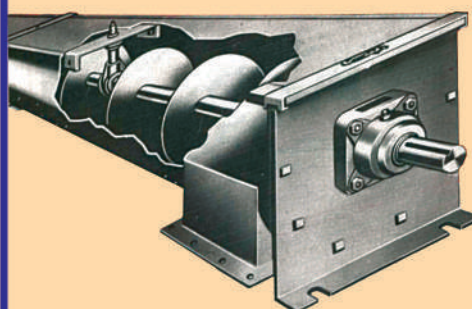
BELT CONVEYOR



- ☞ Capacities from 250 Kg./Hr. to 25000 Kg./Hr.

- ☞ Food grade belt available.
- ☞ With variable speed drive.
- ☞ Belt Clit or Plane type.

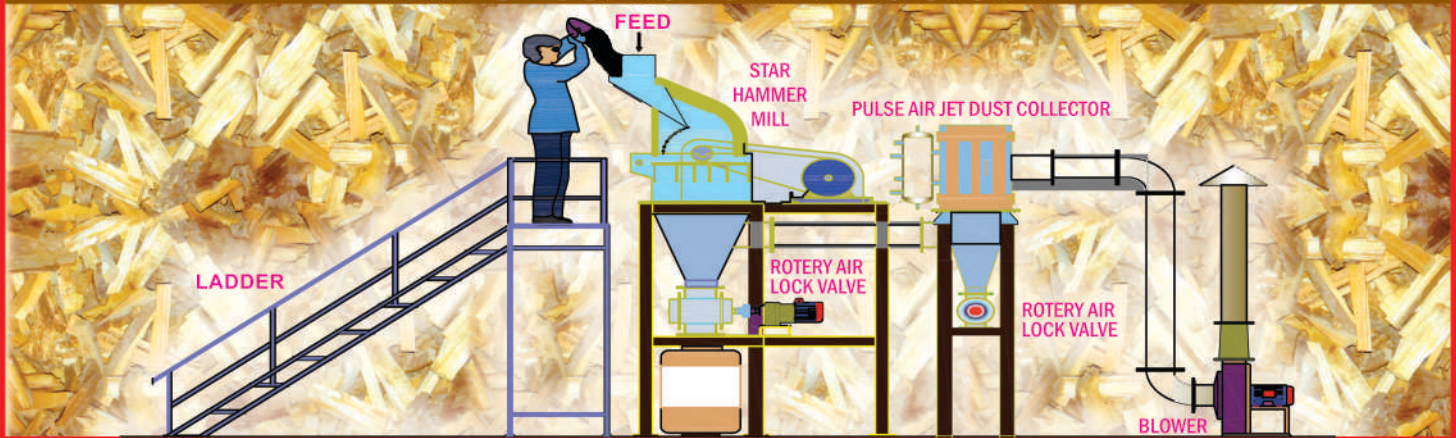
SCREW CONVEYOR



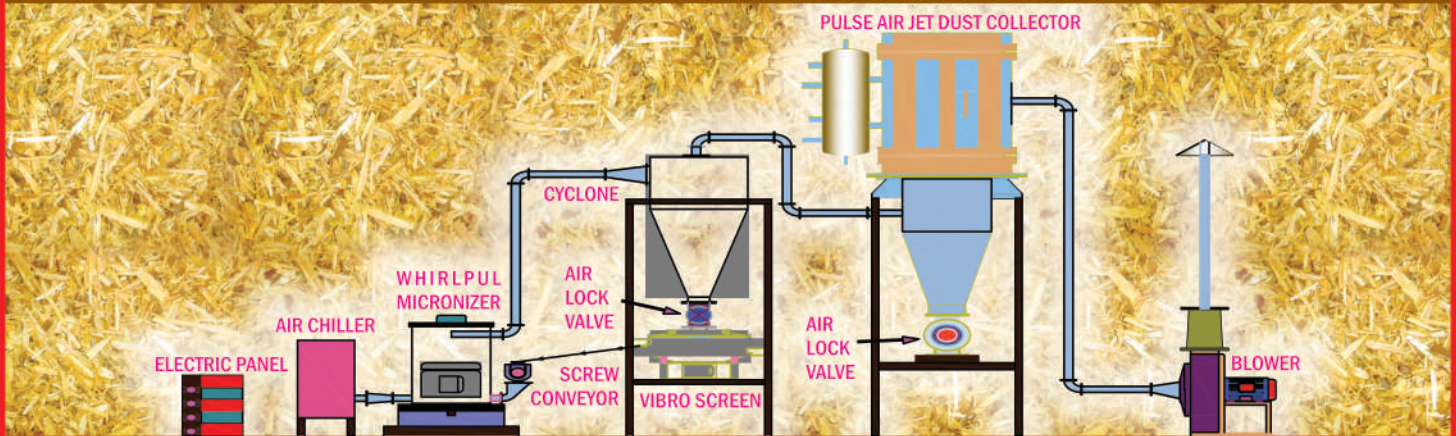
- ☞ Horizontal, Inclined & Tubular Construction available.
- ☞ Variable Speed Drive Available.
- ☞ M. S. & S. S. Construction.
- ☞ Capacity from 250 Kg./Hr. to 25000 Kg./Hr.

PREMIUM PLANTS & SYSTEMS

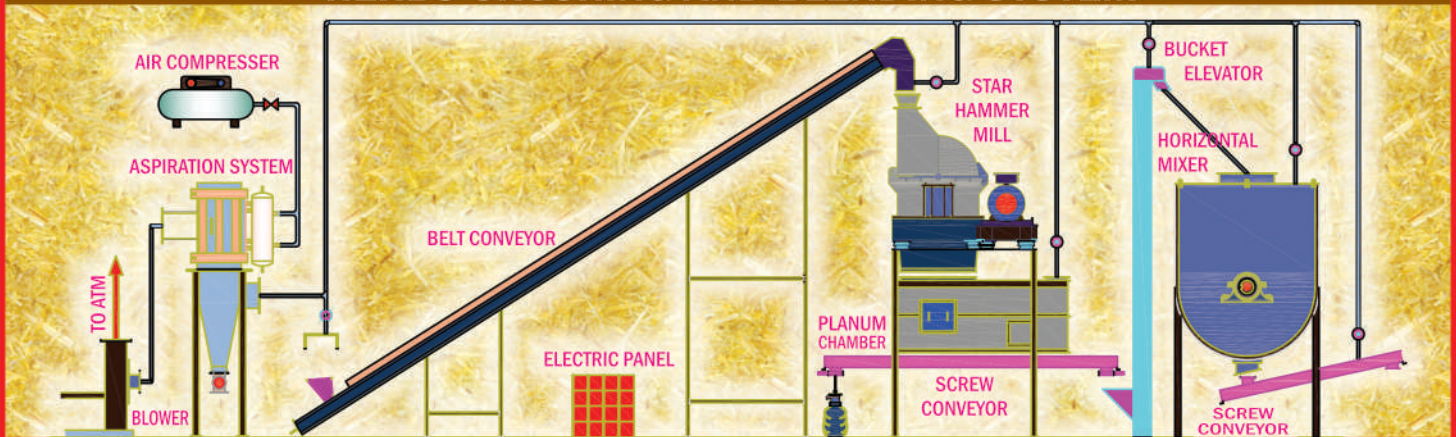
HERBS - COARSE GRINDING SYSTEM



HERBS FINE GRINDING & SIEVING SYSTEM



HERBS CRUSHING AND BLENDING SYSTEM



PARTIAL LIST OF CLIENTS FOR AYURVEDIC HERBS

- ALPS INDUSTRIES LTD.
- AMRUTA HERBALS & EXTRACTS
- ARYA VAIDYA SALA
- AYURVEDIC COLLEGE TRIVANDRUM
- BRITISH HEALTH PRODUCTS (P) LTD.
- BHAIYANATH AYURVED BHAVAN
- DABUR INDIA LTD.
- EMAMI LTD.
- GOVERNMENT AYURVEDIC PHARMACY
- GOVERNMENT INDIAN MEDICINE PHARMACY
- GUJARAT STATE FOREST DEVELOPMENT CORPN.LTD.
- GWALIOR FOREST PRODUCTS LTD.
- HERBI SEEDS (INDIA) P.LTD
- KESARWARNI JARDA BHANDAR
- MAHARSHI AYURVED RESEARCH CENTRE
- PLANTS & MED LABORATORIES (P)LTD.
- PATANJALI HERBS
- SADVAIDA AYURVEDIC PHARMACY
- SANTOSH AYURVEDIC PHARMACY
- SOUTHERN HERB. (P) LTD.
- SURYA HERBALS
- SHRE AYU. PHARMACY
- TAMILNADU MEDICINAL PLANT
- THE ELECTRO MEDICAL & ALLIED IND.LTD.
- VAIDYA NUTRACEUTICALS PVT.LTD.

PREMIUM PULMAN PVT LTD

2009, Phase IV, GIDC, Industrial Estate, Vatva, Ahmedabad - 382 445. INDIA Phone: 25832541.

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PREMIUM

PROFESSIONALS IN SIZE REDUCTION TECHNOLOGY