



SAGAR industries introduce ourselves as machine manufacturer of all kind of pulveriser for grinding and crushing purpose. SAGAR industries is an operator-friendly, sanitary featuring simple, and adjustable grinding solution. SAGAR industries is ideal for today's processing environments. a pulverising system,

We are manufacturing many types of Size reduction machines like pulveriser for grinding and crushing, Like Impact Pulveriser, Hammer Mill, Stand Pulveriser, Disintegrator, Mini Pulveriser, Crushers and GMP (government approved S.S) type Pulverisers for chemical, mineral, spices, herbs, pharmaceuticals, dehydration, food & allied industries.

established in 1979 for agriculture equipments and heavy duty fabrications ;From 2007 we have diversified our area and started manufacturing of pulveriser machines With different kind of internal crushing and grinding systems for different materials



EXTRA BLOWER HAMMER MILL

WITH COOLING SYSTEM

(IN MANUAL AND SEMI AUTO FEED) 20 hp to 50hp

APPLICATION :

SPICES, RED CHILLY, CUMIN CORIANDER SEEDS,
INSTENT SPICES, DEHYDRATION, HERBS LEAVES, FOOD
PRODUCTS etc.



100kg + mixer SS 304



SS 304
50kg mixer



IMPACT PULVERISER

Screen less grinding, for Mesh

Type: air swept impact mill with whizzer classifier operation in closed circuit

Body: MS / SS fabrication

OPERATING PRINCIPLE OF IMPACT PULVERISER:

SAGAR impact pulveriser mill consists of an encased rotor carrying swing hammers, whizzer classifier for fineness regulation, and blower fan mounted on a solid shaft. Raw material to be pulverized, enters the crushing chamber through hopper and automatic feeding crusher, the impact of the hammer on the feeding material against the liner plates reduces it into fine powder. The ground material is carried towards the whizzer classifier for classification and the over sized particles are rejected by the classifier and returns to the crushing chamber for further grinding process, The classified material is then conveyed to the cyclone for collection and bagging.

Application

pharmacy, spices, food industries, minerals, Dehydrated products, And other food products



size	16	20	25	32
H.P.	10/15	20-25	30	50
R.P.M.	3000	2400	200	1800
Grinding per hour	40kg	100kg	200	400

HAMMER MILL EXTRA BLOWER

Screen type grinding manual

OPERATING PRINCIPLE

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

All spices 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. The particle size of the ground material can be varied by a large range of sieves with the desired opening. The dust & ground material is separated in the cyclone separator. The top of the cyclone air balloon is fitted. Air balloon separates clean air & dust. The dust gets collected in the air balloon. As soon as the air balloon is shacked the dust drops into the cyclone separator and gets collected from the bottom of the cyclone separator.

APPLICATION

SPICES, RED CHILLY, CUMIN CORIANDER SEEDS, INSTANT SPICES, DEHYDRATION, HERBS LEAVES, FOOD PRODUCTS etc.



size	20" light	20"	25
H.P.	20	25-30	40-45
R.P.M.	2800	2400	2200
Grinding per hour Approx	250kg	450kg	650 kg



HAMMER MILL

Screen type grinding manual

OPERATING PRINCIPLE

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

All spices passes through a wide feed hopper into the grinding chamber.

the swinging hammers, in the rotating hammer rotor, crushes materials at the stationery liners before passes through a screen and rotating hammers. The ground material is continuously sucked by a powerful air blower through screen and conveyed though 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 increases the output of the ground material. The particles size of the ground material can be varied by a large range of sieves with the desired opening. The dust & ground material is gets separated in the cyclone separator. Top of the cyclone air balloon is fitted. Air balloon separates clean air & dust. The dust gets collated in air balloon. As soon as air balloon shacked the dust dropped into the cyclone separator and get collected from bottom of the cyclone separator.

APPLICATION

SPICES, RED CHIILY, INSTENT SPICES, DEHYDRATED PRODUCTS, HERBS LEAVES, AND OTHER FOOD PRODUCTS etc.

size	"14"	"14"	"16"	"20"
REQUIRE D H.P.	5/10	10/15	15/20	25/30
R.P.M.	3600	3600	3600	3200
Grinding per hour aprox	40-70	50-100	80-150	200/250



STAND PULVERISER

Automatic grinding

Specially For TURMERIC Grinding

MASH SIZE 80, Require H.P. 5, average 25 to30 Kg. per hour

Advantages:

- (1) easy to install & start immediately
- (2)The ground products can easily qualify by "agmark" seal
- (3)dust free operation, no wastage of products & no pollution hazards
- (4)Due to Easy operation so no skilled labor required
- (5)Very low maintenance so return on investment will be very fast.
- (6) Due to silence running, no Noise pollution creates.
- (7)LOW TEMPRATURE GRINDING,
- (8) IT DOESN'T REQUIRED SKILLED MANE POWER
- (9)HAVING COMBINED FEEDING & CRUSHING ASSEMBLY.



Turmeric grinding manual machine

5hp to 12.5hp

Hammers type grinding media system for fine grinding,

DISINTEGRATOR/ HAMMER CRUSHER

This machine is direct discharge type machine, this mill is being used in heavy and medium industries

OPERATING PRINCIPLE

Material is fed in disintegrator from the periphery trough a hopper into the grinding chamber to minimize air pressure, greatly reducing dust problems. For some material suitable ventilation is recommended by introducing air on the discharge side of the disintegrator, this will prevent a dusty atmosphere at the inlet of disintegrator, the swinging hammers in disintegrator crush the materials along the stationery liners before discharging through a perforated screen at the bottom, replaceable bay type screen is available for specific application. Combination of hammer style plates and sieve inserts offer almost unlimited possibilities to cater user needs from an a disintegrator.



APPLICATION
SPICES, HERBS, CATTEL FEED, ORGANIC
MATERIALS AND OTHER PRODUCTS

SIZE	14	16	20	25	30
HP	10	15	15/20	25/30	40/50
R.P.M.	3000	3000	2500	2200	1800



MINI PULVERISER 12.5hp model

Max 100 mesh

The mini pulveriser comprises of a heavy duty mild steel body, which comprises of a feeding hopper, with a speed regulator slide. The pulveriser body is inlaid with a delivery trough attached at the bottom, with a delivery trough attached at the discharged end. The rotor & beater are mounted on shaft, the whole unit is mounted on a strong steel channel stand

APPLICATION

This machine is widely used for grinding of sugar (biscuit grade/icing grade), salt, spices, herbs, sago, chemicals, agricultural, pharmaceutical ingredients,

Run with 5/7.5/10 and 12.5 hp. motor



Mini crusher for herbs decoction maker

Power operate plan



sagar mini spices grinding
plan(chilly & turmeric),
start to 5hp

this machine is useful for
small scall spices
industries, we are develop
this design with R&d, this
machine use for chilliy and
turmeric (automatic),
available in two types
model, power operate and
diesel operate,

Diesel engine operate plan



Lab and R & D purpose small machines



Hammer mill



Disintegrator/ hammer crusher



Hammer mill



SHED NO, C-2/229 GIDC-2, Dolatpara, JUNAGADH 362037 (Gujarat) BHARAT

Contact: VADGAMA SURESH

VADGAMA SAGAR

+91 94293 73539

GSTIN 24AQKPV9834B1ZJ

E mail: sagarpulveriser@gmail.com

vadgamapulverizer@gmail.com

Follow us

