



# Aaditya INDUSTRIES

*A Symbol of quality and trust ...*



Grain  
Peas  
Coffee  
Sugar  
Spices

## Grinding Mill and Grinding Mill Stones







**Aaditya  
INDUSTRIES**  
*A Symbol of quality and trust ...*

## OUR INFRASTRUCTURE







## COMPANY PROFILE

**AADITYA INDUSTRIES** traces its roots back to 1998, when it pioneered the manufacturing of Grinding Mill & Grinding Mill Stones in India. Commencing the manufacturing as a Cottage Industry to meet the growing needs for their Nation, to now being the most technologically qualified, updated and largest manufacturing house for all purpose and types of grain processing machineries such as - Grinding Mills, Grinding Mill Stones, Corn Grinding Mills, Grain Mills, Rotary Oil Mills, Pulverizer Mills, Spice Grinders, Wet Grinders (Dal Mill), Flour Mill - Electric Motors and a complete range of Domestic Flour Mills.

"From a Humble Beginning to a Market Leader" truly defines the remarkable journey of Aaditya Industries, building a network of over 150 distributors in India as well as overseas, delivering the widest range of models, providing superior all in one solutions for grain processing and building years of goodwill based on the paramount and inimitable quality delivered, supported by our strong research and development team.

'**SUNSTAR**' the flagship brand of the company since 1998, is the most premier brand available in the market of grain processing industry, Sunstar Grinding millstone and Grinding mills are of supreme quality, made with the best as well as quality controlled raw material and curated by the most experienced personnel in the industry.

**SUNSTAR, SANWARIA, SUNSTAR GOLD, SHREEJI, OSWAL, MADHU, BAIRATHI** are the company's premium brands being sold in India and exported to Nepal, Bangladesh, Middle East & South American Countries.

Our team consists of multiple manufacturing and engineering experts, R&D professionals, managerial executives and sales & marketing executives all with years of experience and expertise in their respective fields making it is our most exquisite asset that enables us to deliver world class quality of products and services.

With manufacturing units and offices at Jaipur, Rajasthan, the group has created a web of network while keeping its roots intact. Having ISO 9001:2015 Certification. We have experience of over more than 25 years in Design, Development and Manufacturing of Grinding Mill & Grinding Mill Stones.

### OUR MISSION

To supply quality products by providing congenial work environment, demonstration of responsible stewardship, promoting mutually beneficial supplier relationship guided by core values of integrity, trust, togetherness & discipline.

### OUR VISION

We shall grow with new opportunities & be the leader in an ever changing global market dedicated to excellence & professionalism encouraging individual creativity that constantly amazes & thrills us. Customer orientation through Total Quality service & focus on cost effectiveness shall be our guiding force.

### OUR STRENGTHS

The Core values which will guide us to achieve our objectives : **Dedication – Honesty – Competence**

### QUALITY POLICY

Our "Quality Policy" is to achieve customer satisfaction with recognition for supply of quality products & services through, Competitive price. Timely delivery. Continual improvement of products, processes, people & suppliers. Effective implementation of "Quality Management System" Aaditya Industries commits itself to provide products and services conforming to national and international standards, following statutory requirement to satisfy customer needs. We shall also strive hard to continuously improve our process and resources to fulfill customer expectations. It shall be our constant endeavour to accomplish quality objectives by establishing implementing and maintaining an effective and efficient quality management system which complies with the requirement of ISO 9001:2015. The company is engaged in the Design, Development, Manufacture & Export of Grinding Mill & Grinding Mill Stones. The company has installed state of the art & latest equipments to support manufacturing processes. This activity is further supported by In house Jigs, Fixture & Tooling department. The company also has ensured the availability of required Quality Assurance instruments/ equipments to ascertain Customer satisfaction.

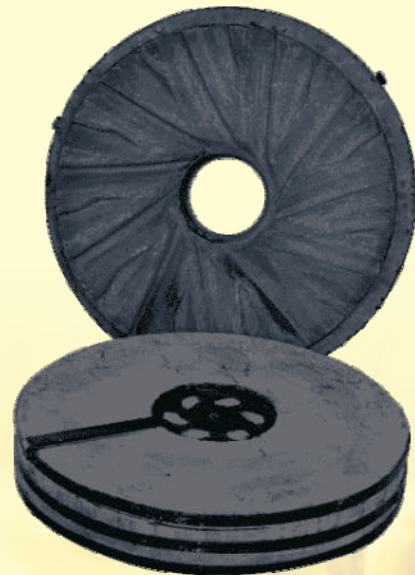
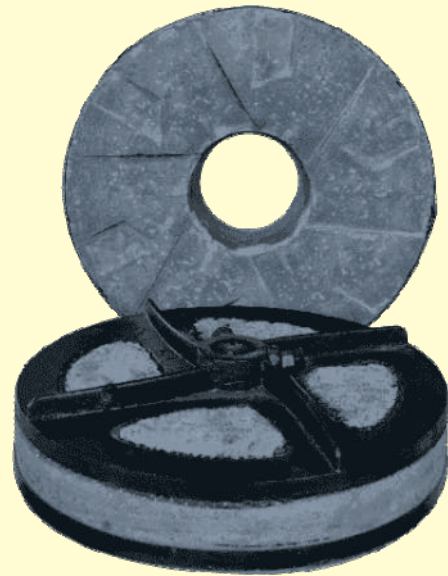


# Grinding Mill and Grinding Mill Stones

The heart of the Mill is Mill Stones and in this respect the mill is provided with famous SUNSTAR® Mark Emery Stones, which are made from Synthetic Emery and Silicon Carbide grains which have proved their outstanding grinding power. Its manufacture is based on our 25 years experience. We have got a well equipped laboratory for Research, Development and Quality Control of mills and stones. Strict checking of Tensile Strength, Setting Time and Moisture Resistance Power is ensured at every stage of production. Emery Grains are produced in our Mineral Processing Plant and Mills are casted at our Graded Cast Iron Foundry. Surprisingly different, but convincingly right for all grinding problems. Our stones do not require manual setting as grinding surface of every pair is set smooth on automatic stones setting machines. You just fix in the mill and get cool flour.

## Emery Stone Mill Work Principle

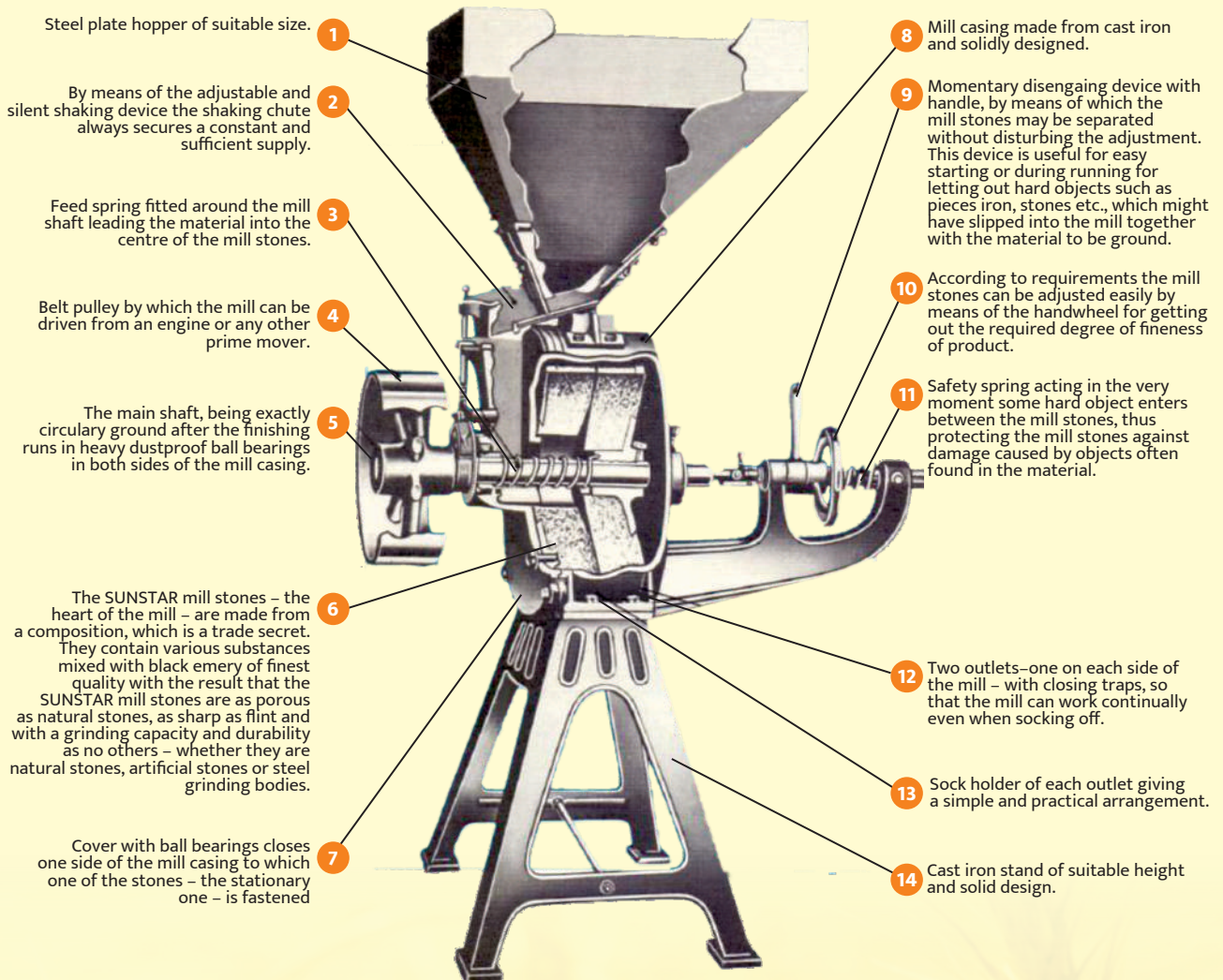
The base of the system consists of special emery molded two stones which lays on each other. The stone underneath is connected to the main axle and is forced with the engine. The substrate stone is fixed. The product is spread between two stones in the entry and the folding and bran peeling is done. So that the distance between stones can be regulated, special products can be gained. Through the entry with the capacity refining bolts the necessary rates of peeling is possible. The engine strap connections and the revolving stone system are covered and secure.



## Specifications of Vertical Grinding Mill Stones

Size in mm	300 (12")	400 (16")	500 (20")	600 (24")
Thickness in mm	150	150	150	150
Net Wt. in Kg	30	50	100	150
Gross Wt. in Kg	38	60	125	180
Volume Cbm	0.04	0.08	0.10	0.18





Steel plate hopper of suitable size.

By means of the adjustable and silent shaking device the shaking chute always secures a constant and sufficient supply.

Feed spring fitted around the mill shaft leading the material into the centre of the mill stones.

Belt pulley by which the mill can be driven from an engine or any other prime mover.

The main shaft, being exactly circular ground after the finishing runs in heavy dustproof ball bearings in both sides of the mill casing.

The SUNSTAR mill stones – the heart of the mill – are made from a composition, which is a trade secret. They contain various substances mixed with black emery of finest quality with the result that the SUNSTAR mill stones are as porous as natural stones, as sharp as flint and with a grinding capacity and durability as no others – whether they are natural stones, artificial stones or steel grinding bodies.

Cover with ball bearings closes one side of the mill casing to which one of the stones – the stationary one – is fastened

Mill casing made from cast iron and solidly designed.

Momentary disengaging device with handle, by means of which the mill stones may be separated without disturbing the adjustment. This device is useful for easy starting or during running for letting out hard objects such as pieces iron, stones etc., which might have slipped into the mill together with the material to be ground.

According to requirements the mill stones can be adjusted easily by means of the handwheel for getting out the required degree of fineness of product.

Safety spring acting in the very moment some hard object enters between the mill stones, thus protecting the mill stones against damage caused by objects often found in the material.

Two outlets—one on each side of the mill – with closing traps, so that the mill can work continually even when socking off.

Sock holder of each outlet giving a simple and practical arrangement.

Cast iron stand of suitable height and solid design.

## Specifications of Vertical Grinding Mills

	SIZE IN M.M. (DIA)		
	400 (16")	500 (20")	600 (24")
Pulley Size	25 x 9 (10")	30 x 10 (12")	40 x 10 (16")
R.P.M.	650	550	500
H.P. Req.	10	15	25
Output per Hour	150-225 Kg	250-350 Kg	450-550 Kg
Hopper Capacity	50 Kg	65 Kg	75 Kg
Gross Weight	220 Kg	340 Kg	515 Kg
Net Weight	175 Kg	270 Kg	405 Kg
Volume Packed in Cbm	0.40	0.50	0.85
Subject to alteration without notice			
Output Per Hour Certainly depend on Grinding Material.			

**Guarantee :** We undertake 24 months guarantee for the 'SUNSTAR' Grinding Mill including the Mill Stones from the date of invoice in the manner that we replace free of charge f.o.b. Mundra port, any part which prove unsuitable for use owing to faulty material or bad workmanship.



## VERTICAL GRINDING MILLS



GRINDING MILL 250 MM



GRINDING MILL 300 MM



GRINDING MILL 350 MM



GRINDING MILL 350 MM  
Heavy Duty



GRINDING MILL 400 MM  
FOUNDATION MODEL



GRINDING MILL 400 MM  
TROLLY MODEL



GRINDING MILL 450 MM  
FOUNDATION MODEL



GRINDING MILL 500 MM  
FOUNDATION MODEL

## VERTICAL GRINDING MILLS STONES



250 MM



300 MM



350 MM



400 MM

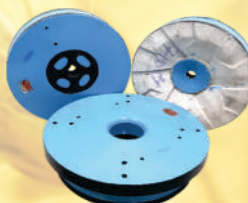


450 MM

## HORIZONTAL GRINDING MILLS STONES



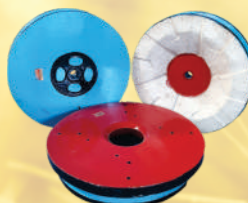
400 MM



450 MM



500 MM



600 MM



750 MM





#### CORN THRESHING MACHINE

RPM	1600
Capacity	≥ 1000 KG/H
Weight	25 KG without Motor
H P Req.	2 HP
Packing Size	87x26x25 cm



#### RICE MILL

RPM	1650
Capacity	≥ 500 KG/H
Weight	22 KG without Motor
H P Req.	3 HP
Packing Size	36x40x56 cm



#### GRINDER

RPM	2800
Capacity	≥ 300 KG/H
Weight	22 KG without Motor
H P Req.	3 HP
Packing Size	85x43.5x46.5 cm



#### CHAFF CUTTER MACHINE

RPM	800 r/min
Capacity	0.4-1 T/H
Weight	45 KG without Motor
H P Req.	3 HP
Packing Size	58x48x77 cm



#### WET GRINDER

RPM	800 r/min
Capacity	100 - 150 KG/H
Weight	24 KG without Motor
H P Req.	3 HP
Packing Size	42x33x45 cm



#### ELECTRIC MOTOR

RPM	2800
Weight 2 HP	13.5 KG
Weight 3 HP	24.7 KG
Packing Size 2 HP	35x23.5x25 cm
Packing Size 3 HP	43x29.5x25 cm



## MANUFACTURER OF GRINDING MILL & GRINDING MILL STONES

**Factory Unit-I :** P. No. 1, Khasra No. 2019/2, Jaitpura, Sikar Road, Jaipur-303704 (Rajasthan) INDIA

**Factory Unit-II :** 24-26, Ridhi Sidhi Nagar, Jaitpura, Sikar Road, Jaipur - 303704 (Rajasthan) INDIA

 **Mobile No.:** +91 98298 40077, 93145 05359

 **E-mail :** aadityaindustries01@gmail.com

 **For Trade Enquiry :** +91 98287 51112

 **website :** [www.aadityaindustries.org.in](http://www.aadityaindustries.org.in)

Follow us on :    /aadityaindjpr