



# **PATKAR ENGINEERS**

**MANUFACTURER OF  
MINI RICEMILL, FLOURMILL MACHINES,  
AATA CHAKKI PLANT & EMERY STONES.**

## RAJA 108 MINI RICE MILL

It is a unique combination of modern Rice mill machine and a traditional rice huller. It is a modified design of traditional 8 no. huller. It fits all standard accessories of 8 no. huller like screen, shaft, bearing, polish patti, screw patii etc. but it has a unique body design so the percentage of rice is about 65-68% from paddy. In traditional huller rice percentage is very low i.e. 50-55%. Raja 108 has a three nos. of screens. 2 at the bottom of the body and 1 at cover. So it requires minimum energy. It has a well made husk blower design so u can get husk free very clean rice from it. Fan in the blower is balanced so no vibration at all. Raja 108 comes with rice screen also. It can separate broken rice and whole rice. It will give u best quality polish bran that will be used as cattle food. If runs on electric motor, almost no maintenance required for long time.

### TECHNICAL DETAILS

MOTOR	5 H.P. 3 PH. 910 R.P.M.
CAPACITY	250 k.g. PADDY/HOUR
PERCENTAGE OF RICE	65-68%
SCREEN	D- 21 , U- 21
BEARING	6306Z
DIMENSIONS	H- 47" W-24" L-38"
DIMENSION OF RICE SCREEN	H-19" W-25" L-39"
WEIGHT	240 k. g.

### HIGHLIGHTS

- Pully Less & Belt Less Model
- Low Electricity cost
- Low Maintenance cost
- Long Lasting Ball Bearings
- No need of foundation
- Can be Driven By Diesel Engine also
- Well made blower design for husk free clean rice
- Special rice screen to separate broken Rice
- Useful for Both Raw And Boiled Rice
- Useful for wheat polishing
- Low Noise Level
- Very Easy To Operate



## GARSTONE EMERY STONE

- Available in 16" & 20" size
- Made from high quality fine graded emery grains
- Balanced emery stones
- Long Lasting Emery Stones
- No mixing of emery particles in flour



## RANI HI-TECH AATA CHAKKI



### TECHNICAL DETAILS

DESCRIPTION	RANI 16"	RANI 20"	RANI 16" MILL FOR TURMERIC & RED CHILLY
MOTOR	5 H.P. 3 PHASE 710 R.P.M.	10 H.P. 3 PHASE 710 R.P.M.	5 H.P. 3 PHASE 710 R.P.M.
ELECTRICITY CONSUMPTION	4 UNIT/HOUR	7 UNIT/HOUR	4 UNIT/HOUR
GRINDING STONE SIZE	16"	20"	16"
GRINDING CAPACITY	40-50 KG/HOUR	75-85 KG/HOUR	20- 25 KG / HOUR
BEARING	208WZ	6308 Z	208WZ
DIMENSIONS	L-46"W18"H 55"	L 39" W -24" H- 45"	L-46"W18"H 50"
WEIGHT	250 K.G.	400 K.G.	250 K.G.
CAPACITY OF STONE	APROX. 1 LAKH K.G.	APROX.1.5 LAKH K.G.	APROX. 1.5 LAKH K.G.

### HIGHLIGHTS

- Pully Less and Belt Less Model ■ Easy to Operate
- Heavy Duty Electric Motor ■ Available in 16" & 20" size
- long lasting High quality balanced Emery stone
- No need Of Foundation ■ Minimum Pollution Of Flour
- Low Electricity Cost ■ Low maintenance ■ Low noise
- Easy and Safe Operation ■ Motor Protector starter
- Useful for Turmeric, red chilly & Dhaniya ■ Fine quality Grinding
- Test and color remains excellent in comparisons of pulvaliser
- Low heating of powder in comparisons of pulvalisers
- Useful for All types of food grains. Pre tested machines.



## WHEAT FLOUR (AATA) PLANT



### HIGHLIGHTS

- Semi & Fully Automatic Machines available
- Capacity from 320kg/day to 10 tone/day available
- Belt less & Pulley Less Model for Aata Machine
- Numatic Conveying For Zero Pollution
- Maintenance Free Machines
- Centrifugal Screening for silent & fine screening
- No Foundation Requires
- Low Space Consumption
- Low Electricity Consumption
- Easy to operate
- Minimum operators required
- Useful for wheat flour , rice flour , & besan

## OTHER PRODUCTS

### CYCLONE DUSTCOLLECTOR



### CENTIFUGAL SIEVER



### VIBRO SCREEN



### BUCKET ELEVATOR



### D-STONER



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