



SHIV ENTERPRISE

FLOUR MILL MACHINERY · RAJKOT

CHANNEL PARTNER OF HAARISH EQUIPMENTS PVT. LTD.

ROLLER FLOUR MILLING SOLUTIONS

Roller Flour Mill Machinery & Equipment

For Wheat and Maize Milling

Cleaning, milling and sifting machines, material handling, milling rolls, automation, lab equipment and spare parts.



WHEAT



MAIZE



INSTALLED PLANT SECTION

Email: shiv.enterprise659@gmail.com

Mob.: +91 99741 24828

Address: Survey No. 326, Plot No. 11/A/1, Atika Industrial Area 9, Opp. Satani Ind., Amarnath Chowk, Dhebar Road South, Rajkot - 360002, Gujarat, India



Company Profile

Shiv Enterprise, based in Rajkot, Gujarat, supplies roller flour mill machinery and equipment for wheat and maize milling, covering grain cleaning, dampening, roller milling and sifting, purification, atta and refection grinding, material handling and packing.

Our team prepares the process flow, plant layout and drawings, supplies the machinery, and installs and commissions it at your site, so you deal with one partner from design to start-up.

Machines are built with CNC-machined parts, laser-cut frames and pneumatic roll control, with branded bearings, motors and pneumatics, for hygienic, low-dust and easy-to-maintain operation.

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"Integrated Solutions for all your Wheat and Maize milling requirements"

MILLING

- Technical consultancy
- Flow diagram and plant design
- Machinery supply
- Erection of plant
- Commissioning
- Supply of spares

CIVIL

- Layout finalisation
- Load data for structural design
- Machine platform guidance
- Site inspection and guidance



ELECTRICAL

- Load list and single line diagram
- Control panel guidance
- PLC and automation support
- Testing at commissioning

LAB

- Quality-control lab set-up
- Lab equipment supply
- Flour additives
- Operator training



PRE CLEANER

WHEAT / MAIZE



High Capacity Pre Cleaner

First line of defence for your grain

The pre cleaner removes straw, twine, sand, stones and coarse impurities from incoming wheat and maize before the main cleaning line, protecting every downstream machine.

- Pre-aspiration and tail aspiration with built-in fan and motors
- Feed roll inlet and waste outlet for steady, even feeding
- One scalping layer, one grading screen layer and one sand screen layer
- All-metal construction for long working life



CLEANING MACHINES

WHEAT / MAIZE



Drum Sieve



Pre Cleaner



Rotary Cleaner



Vibro Separator



Pneumatic Separator



Gravity Selector



De Stoner



Variable Scourer



MILLING MACHINES

WHEAT / MAIZE / ATTA CHAKKI



Roller Mill



Plan Sifter



Purifier



Bran Finisher



Pneumatic Chakki



Pneumatic System



Impact Detacher



Larva Destroyer



MATERIAL HANDLING

CONVEYING / ASPIRATION



Elevator



Screw Conveyor



Belt Conveyor



Chain Conveyor



Jet Filter / Bag Filter



Centrifugal Fan



ROLL GROOVING / GRINDING

SAND BLASTING / MILLING ROLLS



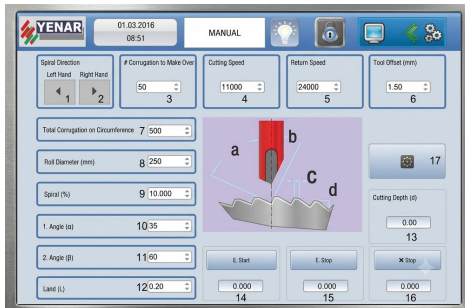
CNC Grooving / Grinding



Sand Blasting Machine



Milling Rolls



Grooving Control Screen



Sand Blasting Unit



AUTOMATION

PLC / ELECTRICAL



Flow Balancer



Extraction Scale



Moisture Control Unit

PLC AUTOMATION / ELECTRICAL



Control Panels



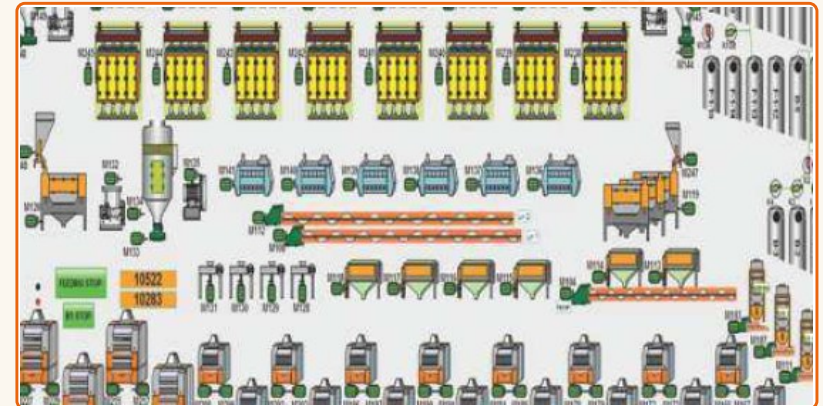
Rotary Valve



Auto Dampening System

Why automate?

- Steady feed and moisture control
- Accurate extraction weighing
- Less manual adjustment



Plant Flow Screen



LAB EQUIPMENT

QUALITY CONTROL FOR WHEAT / MAIZE



EQUIPMENTS

- Moisture meter
- Muffle furnace / oven
- Sedimentation shaker
- Falling number apparatus
- Gluten washer
- Lab sifter

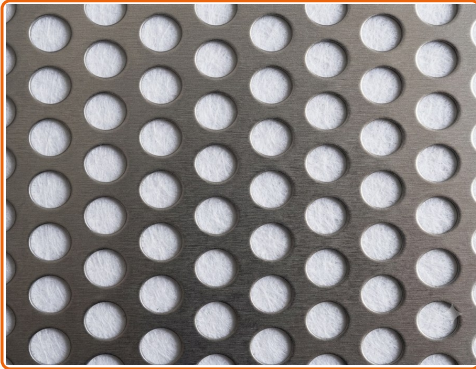
ADDITIVES

- Flour improvers
- Enzymes
- Bread improvers
- Vitamins and minerals



SPARE PARTS

WHEAT / MAIZE MILL



Round Hole Sheet



Oval Perforated Sheet



Triangular Brush



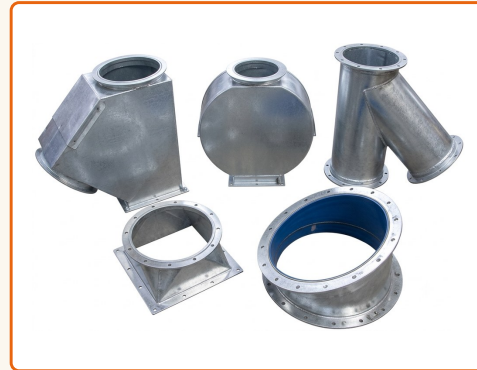
Imported Cotton Pad



Chain Coupling



Roller Mill Gears



Spouting



Magnets

Also supplied: bolting cloth for plansifters and purifiers, pulleys, V-belts, sprockets and chains.

Bolting cloth fabric chart (fabric number, micron size and open area): see the next page.



BOLTING CLOTH

GG / XXX / XX / HT FABRICS

Fabric No.	Microns	Open Area (%)
PA 10 GG	1920	64
PA 12 GG	1800	61
PA 14 GG	1560	61
PA 16 GG	1320	56
PA 18 GG	1170	55
PA 20 GG	1030	57
PA 22 GG	950	58
PA 23 GG	900	56
PA 24 GG	830	55
PA 26 GG	790	54
PA 28 GG	700	54
PA 30 GG	660	52
PA 31 GG	630	51
PA 32 GG	600	50
PA 34 GG	560	51
PA 36 GG	530	49
PA 38 GG	500	47

Fabric No.	Microns	Open Area (%)
PA 40 GG	475	49
PA 42 GG	440	46
PA 44 GG	420	46
PA 45 GG	400	46
PA 47 GG	375	43
PA 48 GG	365	43
PA 50 GG	355	51
PA 52 GG	335	59
PA 54 GG	310	47
PA 58 GG	300	46
PA 60 GG	280	43
PA 62 GG	270	41
PA 64 GG	265	47
PA 66 GG	255	23
PA 68 GG	245	46
PA 70 GG	240	44
PA 72 GG	225	42
PA 74 GG	212	40

Fabric No	Microns			Open Area (%)		
	XXX	XX	HT	XXX	XX	HT
PA-3	300	N/A	300	46	N/A	51
PA-4	280	N/A	280	43	N/A	51
PA-5	255	N/A	250	46	N/A	51
PA-6	212	212	N/A	40	49	N/A
PA-7	200	200	195	39	48	43
PA-8	180	180	180	43	46	43
PA-8.5	160	160	160	37	44	43
PA-9	155	150	150	39	44	51
PA-9.5	140	140	140	36	43	41
PA-10	135	132	132	39	44	42
PA-10.5	125	125	125	38	40	41
PA-11	115	118	118	35	42	41
PA-12	115	112	112	37	40	42
PA-13	100	100	100	32	38	38
PA-14	90	95	95	30	38	N/A

N.B. HT similar to MF

Bolting cloth for plansifters and purifiers.

Contact us to select the right fabric number for each sifting passage of your mill.



REFERENCE LIST

INDIA

- 1 Annapurna Roller Flour Mills Pvt. Ltd.**
Focal Point Industrial Area, Ludhiana, Punjab, India
- 2 Shree Ganesh Flour Mill**
Pithampur Industrial Area, Indore, Madhya Pradesh, India
- 3 Kaveri Agro Foods & Sons**
Peelamedu, Coimbatore, Tamil Nadu, India
- 4 Maa Durga Roller Flour Mills**
Dankuni Industrial Area, Kolkata, West Bengal, India
- 5 Bharat Atta & Maida Mills Pvt. Ltd.**
Sitapura Industrial Area, Jaipur, Rajasthan, India
- 6 Lakshmi Narayan Flour Mills**
Gokul Road Industrial Estate, Hubballi, Karnataka, India
- 7 Ganga Jamuna Atta Udyog**
Panki Industrial Area, Kanpur, Uttar Pradesh, India
- 8 Sri Venkateswara Roller Mills**
Autonagar, Vijayawada, Andhra Pradesh, India
- 9 Jai Bhavani Flour & Agro Mills**
Ambad MIDC, Nashik, Maharashtra, India
- 10 Himalayan Grains Roller Flour Mills Pvt. Ltd.**
SIDCUL Industrial Area, Haridwar, Uttarakhand, India



Let's plan your mill.

EMAIL

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PHONE

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ADDRESS

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CHANNEL PARTNER

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