



IMPACT PULVERIZER

AUTO SUCTION HAMMER MILL

HAMMER MILL

BOTTOM DISCHARGE HAMMER MILL

SPICE MILL

POUNDING MACHINE

FOUR HAMMER POUNDING MACHINE

DRY & WET PULVERIZER



WET PULVERIZER

MINI PULVERIZER

JACKETED MINI PULVERIZER

BLACK PEPPER DAL MAKING MACHINE

MULTI CAMBER PULVERIZER

MINI DAL MILL

EMERY SCOURER

DAL POLISHER



VIBRO SCREEN

CENTRIFUGAL SIEVES / SIFTER

RIBBON BLENDER

SINGLE PADDLE MIXER 'U' TYPE

DOUGH KNEADER

SEMI AUTOMATIC CHAPATI MAKING M/C

RAW CHAPATI MAKING MACHINE

AUTOMATIC CHAPATI MAKING MACHINE



NOODLE MAKING MACHINE

NOODSLE STEAMING MACHINE

ECONOMIC STEAMER

IDLI DHOKLA MOMOS STEAMER

SHEVAYA MACHINE

VERMICELLI MAKING MACHINE

TRAY DRYER DRYING OVEN

VEGETABLE PEELER



POTATO CHIPS CRISPS MAKING MACHINE

HAND OPERATED POTATO CHIPS MAKING MACHINE

FRENCH FRY MAKING MACHINE

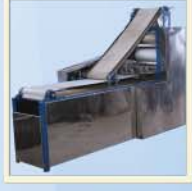
BANANA WAFER MACHINE

RECTANGULAR FRYER

CIRCULAR BATCH FRYER

CONTINUOUS FRYER

COATING PAN



MKEEN MAKING MACHINE

CENTRIFUGAL DRYER MACHINE

DOUGH KNEADER WITH EXTRUDER

PAPAD MAKING MACHINE

CONTINUOUS PAPAD DRYER

PANI PURI MAKING MACHINE

ECONOMIC MIXER GRINDER BLENDER

MIXER GRINDER BLENDER



STIRRER

MULTIPURPOSE VEGETABLE CUTTER

VEGETABLE SLICER, DICER, GREATER

GREEN CHILL ONION CHOPPER

DRY FRUIT TUKDA MACHINE

DRY FRUITS CHIPS MAKING MACHINE

DRY FRUITS CHIPS MAKING M/C WITH MOTOR

MULTIPURPOSE DRY FRU CHIPS & POWDER MACHIN



CENTRIFUGAL JUICER

MASTICATING JUICER

VEGETABLE & FRUIT PULPER

HOT BEVERAGE VENDING MACHINES

Jas ENTERPRISES

AN ISO 9001:2008 CERTIFIED COMPANY

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Jas Enterprises offer multipurpose pulses & Grains Mills Which Grinds Gram dal, Udad dal, Moth dal, Moong dal, and many more... Rice, Maize, Jowar, durra, Bajri, Ragi, Wheat grits, Maize grits... and many more et cetera It provided with a set of three numbers of perforated round holes screens, one brush for cleaning the machine also has 3 meter cable with a plug and fitted with ampere meter and Miniature Circuit breaker for overload protection for motor. Also equipped with beaters are fully machined and balanced. Its feature includes dust free operation; does not waste product and cause no pollution hazards. Another feature of this mill is that effective and continuous crushing leads to increased production and faster return on investments.

Operating Principle of pulses & grains grinder

Jas Enterprise's pulses & grains grinder are durable utility grinders capable of grinding most pulses and grains. The Techno Wings multipurpose pulses & grains grinder comprises of a heavy duty aluminum body (alternatively stainless steel construction can be provided in multipurpose pulses & Grains

grinder wherever necessary). Multipurpose pulses & Grains grinder operate on the principle that most materials will grind or crush upon impact with the hammers. The material is feed into a multipurpose pulses & Grains grinder from the top back through an gravity into the grinding chamber. The grinding chamber of multipurpose pulses & Grains grinder is lined with serrated wear plates, which protects the body from wear and tear. Design provides for admitting extra air during grinding to facilitate cool operation. Soft to medium hard materials are quickly pulverized to fine powder. Improved mixing and dispersion are added advantages of such mills. Quite popularly, it is also called high speed close tolerance multipurpose grinding mills.

Uniformly fed material undergoes a complex grinding force through attrition between liner plate & hammer tip, impact of high speed hammers and collision between particles. Bottom sieve controls the particle size.

Construction of pulses & Grains grinder

Pulses & Grains grinder is Made from heavy duty Mild Steel fabricated body. Heavy duty iron body is covered with stainless steel sheet. Aluminum Grinding Chamber lined with serrated wear Steel plates, which protects the body from wear and tear. Grinding done by a set of fixed blades or Hammers on a balanced rotor. A screen classifier forms the lower half of the grinding chamber.

Typical Application of pulses and Grains grinder

The Techno wings pulses & Grains grinder can be used for a wide range of application e.g. Gram dal, Udad dal, Moth dal, Moong dal, and many more... Rice, Maize, Jowar, durra, Bajri, Ragi, Wheat grits, Maize grits... and many more et cetera

Outstanding Features of pulses and Grains grinder

- Narrow band Particle Size Powder Distribution.
- Low Power Consumption and Maintenance.
- Minimum handling of material to avoid product loss.
- Available in Stainless Steel Contact Parts and Stainless Steel Grade.
- Equipment available for Dustless Environment.
- Can handle Heat Sensitive and Hygroscopic Material.
- Full Fledge Trial Test Facility Available.

Standard Accessories of herbs & Spice grinder

- Two Numbers Cotton Balloons.
- Three Sets of perforated round holes Screens.
- One Numbers of Ampere Meter
- Suitable totally enclosed fan cooled three phase or Single Phase Squirrel cage motor {Electricity (Special power can be accommodated): 220/380/415 Volts, 50/60 Hz , 1/3 Phase }
- Three meter three core cable Suitable miniature circuit breaker with 3 pin top as per for single Phase Electric Motors or Three meter four core cable with Suitable starter for Three Phase Electric Motors.

Extra Accessories of herbs & Spice grinder

- Magnetic Hopper
- All contacting parts Stainless steel 304 / 316 can be accommodated

Technical Specifications of back loading grains & Pulses grinder

Model No	Chamber Size (Ø= Diameter X width)	2 pole electric motor	Approximate Production Capacity Per Hour	Size of machine
Tw-GM-1302BL	Ø 5 Inch X 10 Inch Width Ø 125 X 250 mm	2 HP	20-60 Kilogram	66 X 40 X 115 cm 85 Kilograms
Tw-GM-1303BL	Ø 6 Inch X 12 Inch Width Ø 150 X 300 mm	3 HP	50-60 Kilogram	66 X 40 X 115 cm 90 Kilograms
Tw-GM-1305BL	Ø 6 Inch X 12 Inch Width Ø 150 X 300 mm	5 HP	30-80 Kilogram	66 X 40 X 115 cm 90 Kilograms
Tw-GM-1310BL	Ø 8 Inch X 15 Inch Width Ø 200 X 375 mm	10 HP	40-100 Kilogram	89 X 54 X 137 cm 200 kilograms

Approx production capacity per Hour of back loading grains & Pulses grinder

Material	Tw-GM-1302BL	Tw-GM-1303BL	Tw-GM-1305BL	Tw-GM-1310BL
Wheat flour	16 kg.	24 kg.	40 kg.	80 to 100 kg.
Rava (semolina)	60 kg.	90 kg.	150 kg.	250-300 kg.
Besan	36 kg.	50 kg.	90 kg.	160-170 kg
Rice flour (Pottu)	12 kg.	18 kg.	30 kg.	60 kg.
Sugar	60 kg.	90 kg.	120 kg.	300 kg.
Turmeric (Required two pass)	10 kg.	13-15 kg.	25 kg.	50 kg.
Red chillies	12 kg.	15-16 kg.	35 kg.	50 kg.
Ambala	20 kg.	30 kg.	40 kg.	100 kg.
Herbals	15 kg.	20 kg.	30 kg.	70-75 kg.
Maize	10 kg.	15 kg.	25 kg.	50 kg.
Jawari (Millets)	8 kg.	12 kg.	20 kg.	40 kg.

Screen No 0	0.17 mm Slot approximate 120 mesh to 160mesh out put	Wheat fine flour, maida (Refined Wheat Flour), urad dal, pulses (dried lentils, peas or beans), etc...
Screen No 1	0.27 mm slot	Bangle grams, wheat, turmeric, maize, corn, icing sugar, Piplamool (Pepper root), etc...
Screen No 2	0.8 mm hole	Coarse powder of wheat, sugar
Screen No 3	1.5 mm hole	Coarse powder of cum-in, red chili, spices, rice for dhokala, idli, dosa
Screen No 4	4 mm hole	Coarse powders for dhokala, idli, rava,
Screen No 5	6 mm hole	dalia, turmeric first pass, very coarse then rava,
Screen No 1 (Brass)	0.6 mm hole	Rice, jowar (Sorghum), bajra (Pearl millet), pulses (dried lentils, peas or beans), etc...



TW-GM-1310BL

Note:- Please note that TW-GM-1310BL supplied different kind of screens.