

DPG Milling World

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MACHINES CATALOGUE 2019



Line of Business

- Roller flourmill plant
- Whole Wheat Chakki Atta Plant
- Rice Mill Plant
- Pulses Processing Plant
- Maize Grit & Rice Grit Plant



- Corn Flakes Plant
- Micro Nutrient Fortified Nutri Food Plant
- Gram Dal & Besan Plant
- Sattu Plant

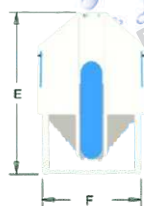
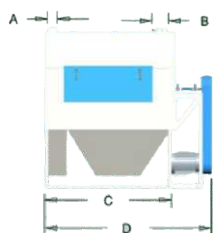
Cleaning and Sorting Machines



Grain Pre-Cleaner

Pre Cleaner is designed to cater to the pre-cleaning requirements for all types of grain processing industry. These are equipment intended to remove foreign particles such as stones, immature grains, and other impurities from the input prior to the processing of the grains.

Technical Data	PRC – 1000	PRC – 1200	PRC – 1500
Screen Size	950x2000mm	1150x2250mm	1400x2250mm
Aspiration Blower	5 HP	7.5 HP	7.5 HP
Main Drive	1 HP	1.5 HP	1.5 HP
Sieve Deck	2.5	2.5/3.5	2.5/3.5
Cyclone Dia (not inbuilt with Machine)	920mm	1020mm	1120mm
Capacity (Estimated on Grain)	5-6 Ton	10-20 Ton	15-20 Ton

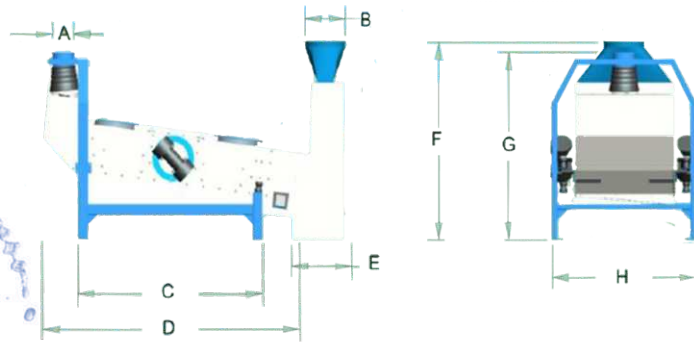


Drum Sieve

Pre-cleaning process decreases the maintenance requirements of the machines but also gives high quality of cleaning products. Drum sieve efficient at removing over and undersize impurities such as pieces of wood, stone etc. from product.

Machine Details	A In mm	B In mm	C In mm	D In mm	E In mm	F In mm
Drum Sieve 700	125X200	200	1075	1475	1300	845
Drum Sieve 900	125X200	200	1530	2050	1900	1200

The Ideal Milling Machines for you



Vibro Separator

Vibro Separator is a machine used primarily for grain cleaning in the milling of wheat, durum wheat, corn (maize), rye, soybeans, oats, buckwheat, spelt, millet and rice as well as in storage elevators.

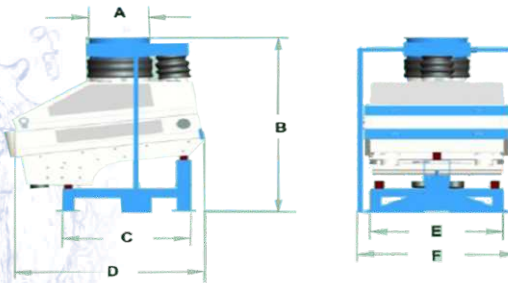
Machine Details	A In mm	B In mm	C In mm	D In mm	E In mm	F In mm	G In mm	H In mm
Vibro Separator 1000	215	400	1850	2635	604	1825	1725	1445
Vibro Separator 1200	215	400	1850	2635	604	1825	1725	1645



Rotary Separator

Rotary Separator consists of a Sieve box enclosed in steel housing, suspended and swinging freely on four sets of rods. Rubber balls clean the sieve and the material to be separated.

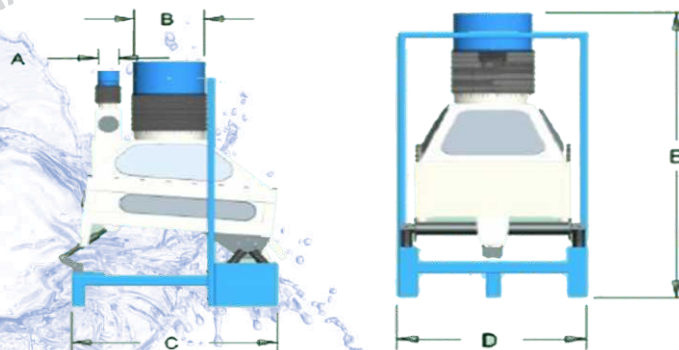
Cleaning and Sorting Machines



Destoner

Destoner is employed for the efficient removal of stones, glass and other high-density matter from the grain stream.

Machine Details	A In mm	B In mm	C In mm	D In mm	E In mm	F In mm
DeStoner 1000	500	2010	1150	1575	855	1060
DeStoner 1200	500	2110	1150	1575	1100	1425

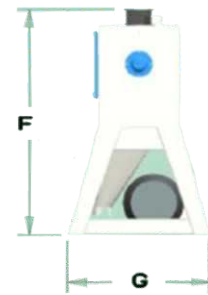
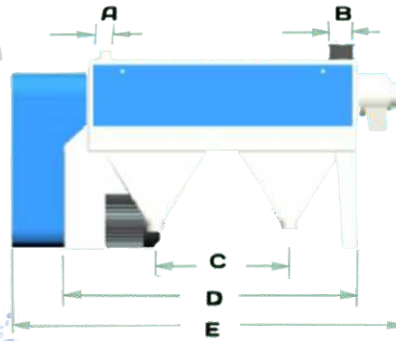


Gravity Selector Cum Destoner

Gravity Selector Cum Destoner used to remove stones from the material. This machine used in milling plants for removing stones and other impurities for food grains and pulses.

Machine Details	A In mm	B In mm	C In mm	D In mm	E In mm
Gravity Selector 1000	120	400	1330	980	1820
Gravity Selector 1200	140	500	1570	1480	1980

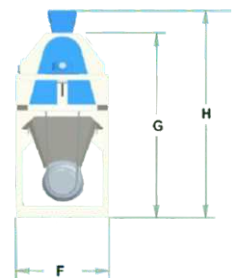
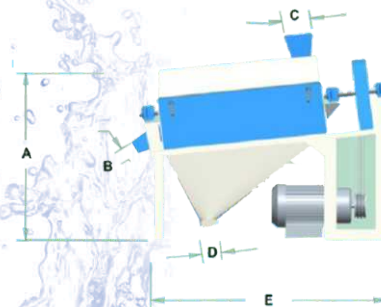
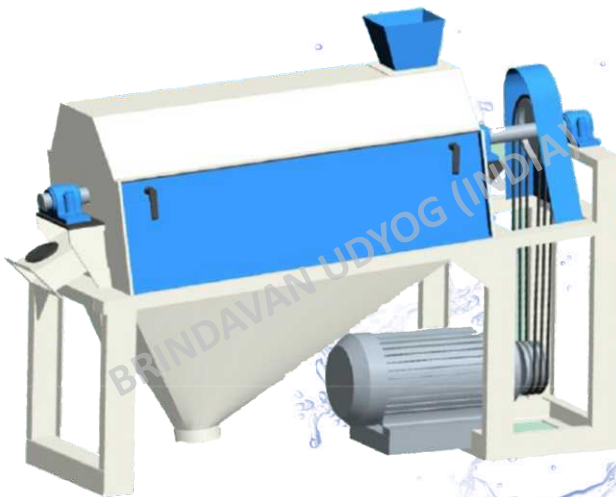
The Ideal Milling Machines for you



Horizontal Scourer

Horizontal scourer is mainly used to clean wheat. It can eliminate the dirt on the surface of wheat and clear away clod and metamorphic wheat, and decrease the bacterial quantity, get rid of pests and empty

Machine Details	A In mm	B In mm	C In mm	D In mm	E In mm	F In mm	G In mm
Hz. Scourer – 1800	155	155	-	1490	1460	1460	880
Hz. Scourer – 2400	155	155	900	1972	2646	1460	880

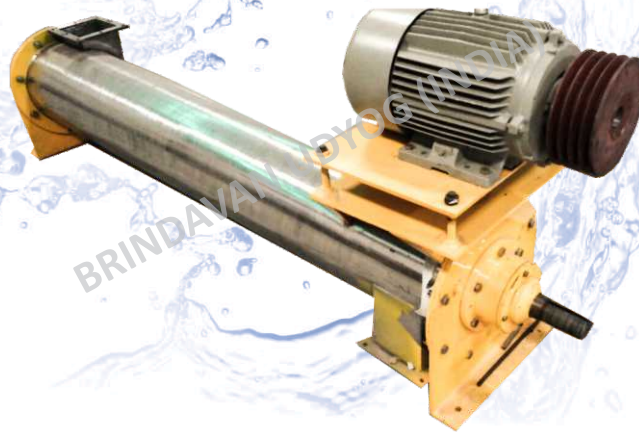


Emery Roll

The Emery Roll is used for removing the husk of grain, pulses and many type of seeds, speciality of our machine is that it takes less power and give maximum production.

Machine Details	A In mm	B In mm	C In mm	D In mm	E In mm	F In mm	G In mm	H In mm
Emery Roll 14x33	1140	100	140	150	1540	660	1250	1300
Emery Roll 16x48	1200	100	140	150	1865	730	1340	1390

Cleaning and Sorting Machines



Intensive Dampener

Horizontal scourer is mainly used to clean wheat. It can eliminate the dirt on the surface of wheat and clear away clod and metamorphic wheat, and decrease the bacterial quantity, get rid of pests and empty kernels.



Flexi Mill Spout Cleaner

- ▶ Powerful 1.5HP motor
- ▶ Available in 110V and 220V Versions
- ▶ Fixed Speed 1500 rpm (can be modified as per special needs)
- ▶ Portable, can be easily moved about on its wheel
- ▶ High Torque

The Ideal Milling Machines for you



Guide tube
diameter x length

130 mm x 560 mm
standard execution

140 mm x 560 mm

150 mm x 560 mm

160 mm x 560 mm

170 mm x 560 mm

180 mm x 560 mm

Filter sleeves
diameter

110-120 mm
standard

120-130 mm

130-140 mm

140-150 mm

150-160 mm

160-170 mm

Cleaning Machine for Filter Sleeve

The standard execution of the cleaning machine allows the cleaning of filter sleeves with a diameter of 110-120 mm. If different diameters of filter sleeves are to be cleaned with the same cleaning machine, then additional guide tubes are necessary. It is therefore very important to indicate the diameters of filter sleeves you require to clean on placing your order.

Conveying Machine Accessories



Screw Conveyor

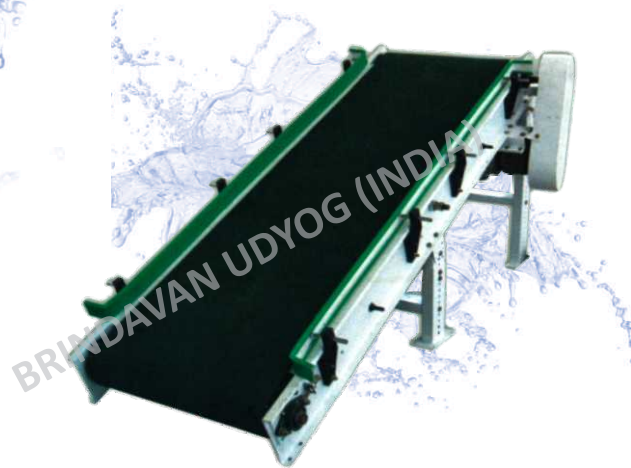
A screw conveyor or auger conveyor is a mechanism that uses a rotating helical screw blade, called a "flighting", usually within a tube, to move liquid or granular materials. They are used in many bulk-handling industries.



Bucket Elevator

Bucket Elevators. One of the most efficient ways to elevate bulk materials vertically is with a bucket elevator. A Bucket Elevator consists of a series of buckets attached to a belt or chain with pulleys or sprockets located at the top and bottom of the unit.

Centrifugal Discharge Belt Bucket Elevator
Continuous Discharge Belt Bucket Elevator



Belt Conveyor

Belt Conveyors are the most commonly used conveyors, as they are the most versatile conveying equipment. Belt conveyors can be used to transport product in a straight line, horizontal or inclined paths from one spot of operation to another.

The Ideal Milling Machines for you



Continuous Chain Dryer

Production: 100 – 500 Kg / Hr

Application: Drying Fryums, Noodles, Pasta, Macaroni, Fish Feed, Poultry feed, Pellets snacks and other type food Snacks

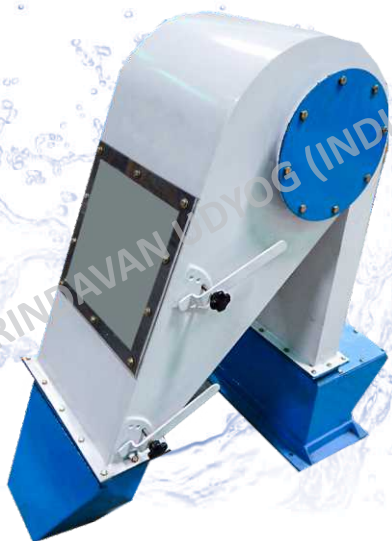
Salient Features:

Specially designed for drying the Snacks, Pellets and Feed

Roasting oven used for drying all kinds of stick, piece, grain etc.

Different types of dryer according to layer, length or energy are available

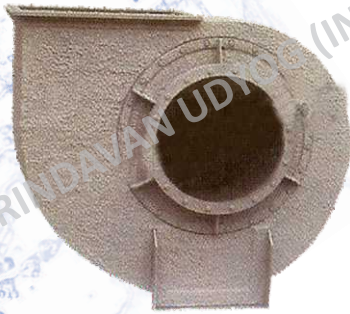
The whole machine is compact design, logical and easy operation & more..



Duct Type Aspiration Channel

We provide our clients a high quality Aspiration Channel. Under the guidance of proficient professionals, the provided channel is designed by using superior quality components and ultra-modern technology.

Conveying Machine Accessories



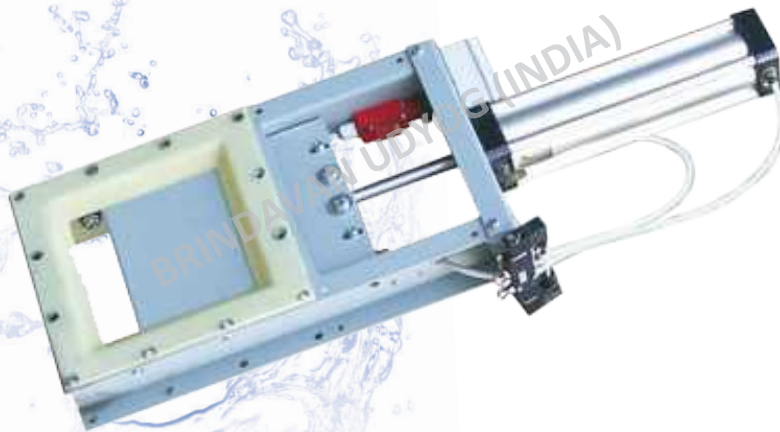
High Pressure Fans

These fans are applied for the conveying of intermediate stocks in the milling process and the range of fans found in the milling industry, is up to 330 m³/min. A mill pneumatic conveying system can comprise of as many as 30 lines or more on a single fan/filter system, depending on pipe sizes and stock quantities.



Pneumatic Conveying System

The principle of pneumatic conveying is based on the fact that bulk goods can be moved by means of air through pipelines. The flowing conveying air transmits a propulsion force on the bulk material and thus conveys it through the conveying line.



Pneumatic Slide Gate

They can be used on the bottom of screw conveyors as intermediate discharges, below hoppers as cut off valves, or even as emergency shut off gates to stop material surges.

The Ideal Milling Machines for you



Reverse air jet filter

The range of reverse jet filter units are designed to cater for more specialist dust that cannot be handled by the standard shaker type filter systems. Reverse jet/reverse pulse units are normally required where a constant air volume is needed without possibility of the equipment being shut off for cleaning.



Silo Bin Discharger

Bin Discharger is an innovative and mechanical system that allows the total discharge and an accurate feed of powdered materials stored in silos. The unit can be easily fit onto any silo cone, and is entirely adaptable to a client's specific needs.

Milling Machines



Roller Mill

It is used to grind and crush the grain in the cereal processing plants. It is designed to obtain flour and semolina in the flour and semolina mills by processing cleaned grain.

Cast Iron Diagonal Roller Mill

Technical Specification with size

Main body made by graded casting and Diagonal configuration with Rolls with Helical Gear, Roll engaged and disengaged by manually complete with Gear, Pulley, Glass and 22315k bearing

OR

Automatic Horizontal Roller Mill

Technical Specification with size

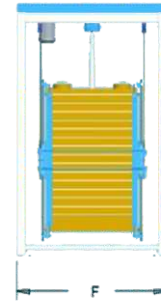
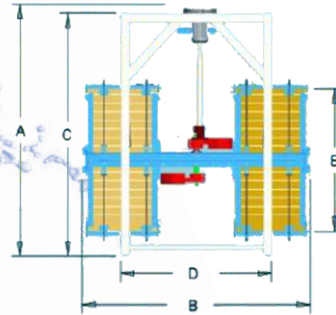
Horizontal configuration with Rolls with feed roll engaged and disengaged by Pneumatic Clender, complete with Gear, Pulley, Feed Roll Direct Drive Through Gear Motor with Timing Belt Control By frequency drive for feed roll & Wheat Inlet Control By High Level & Low Level Sensor With High Speed Bearing 22316k



Vibro Purifier

The new generation Vibro Purifier is a sturdy machine with Vibro-motors, has a noise free operation, and is easy to maintain. The design also allows easy changing of sieves (bolting cloth) to ensure very low down times and higher productivity.

The Ideal Milling Machines for you



Plansifter Machine

This plansifter has been designed for the sifting of granular and floury products as well as for the sorting of different products in wheat, rye, corn (maize) and buckwheat mills. In addition, the plansifter is applied as control sifter in flour storage systems ahead of bagging and bulk load out.

	A	B	C	D	E	F	Cap/Ton/Hr.	Power/HP
Model	in MM	in MM	in MM	in MM	in MM	in MM		
BUI-4x14	2645	2640	2550	1750	1460	1270	2-3	3
BUI-4x16	2645	2640	2550	1750	1460	1270	3-4	3
BUI-8x16	3524	3165	3240	-	1660	1830	4-6	5
BUI-8x20	3524	3165	3240	-	2020	1830	6-8	5

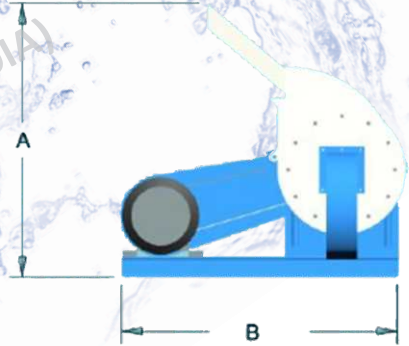


Gyro Sifter

The new generation Vibro Purifier is a sturdy machine with Vibro-motors, has a noise free operation, and is easy to maintain. The design also allows easy changing of sieves (bolting cloth) to ensure very low down times and higher productivity.

Model	Diameter in MM	Diameter in Inch
BUI-GS-600	600	24"
BUI-GS-1000	1000	40"
BUI-GS-1200	1200	48"
BUI-GS-1500	1500	60"
BUI-GS-1800	1800	72"

Milling Machines



Hammer Mill

Hammer mills are used to crush or to shred various types of aggregate into smaller particles. They are used in a variety of industries for a number of specific applications.

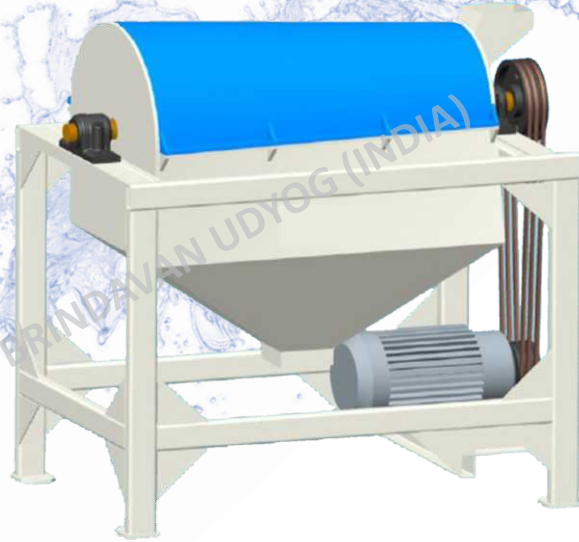
Machine Details	A In mm	B In mm	C In mm	D In mm	E In mm
Hammer Mill 18"	1244	1355	445	555	1125
Hammer Mill 24"	1465	1445	700	610	1280
Hammer Mill 30"	1770	1765	700	670	1380



Entolator

Entolator is used in milling process to minimize infestation in product. Its application is simple containing a horizontal disc with vertical pins assembled concentrically in a closed container. When flour passes through this disc, which is rotating, on high speed of approx. 2500-RPM flour particle collide with pins.

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Maize Cutter Machine

It is utilized to acknowledge isolating and crush process at the semolina sections in the flour graphs, this procedure builds the yield of flour and devours less vitality contrasting with different processors.



Impact Detacher

It is utilized to acknowledge isolating and crush process at the semolina sections in the flour graphs, this procedure builds the yield of flour and devours less vitality contrasting with different processors.

Milling Machines



Vibro Bran Finisher

The bran finisher is used for processing wheat, rye and durum. It removes flour particles still adhering to the bran, reducing to a minimum the residual starch content of the bran. It can also, be used for pre-extraction in the mill before the screening process.

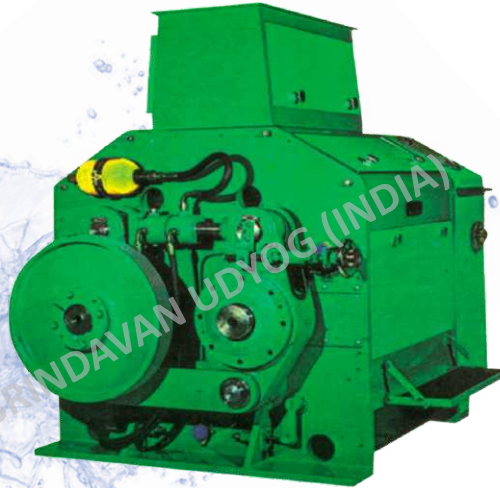


Machine Details	600mm (24")	760mm (30")
Dia of Machine Pulley	14" x 3C	14" x 3C
Motor HP (Required)	15 – 20	20 - 25
Revolution Per Minute	550	550
Output Capacity Per Hour	250 – 300 kg	350 – 450 Kg

Stone Mill/Atta Chakki Mill

The Stone Mill/Atta Chakki Mill is used to grind wheat into powdered form. The Chakki is nothing but a pair of stones, of which, one is stationery and other is a rotating stone. Stone mills generate considerable heat due to friction.

The Ideal Milling Machines for you



Flaker Machine



Micro Feeder

The micro-feeders is used to mix the additives in the material. The micro-feeder is a module designed for high-precision volumetric proportioning of micro-ingredients. Its throughput rate can be selected across a very wide range.

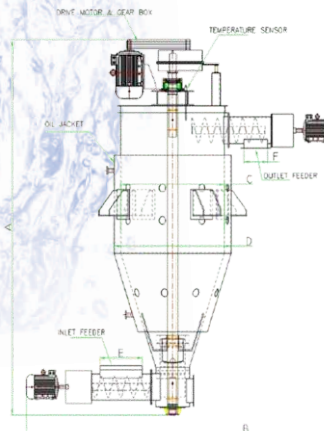
Milling Machines



Pin Mill

These Mills are manufactured in MS/SS construction; they are supplied with screw feeder with variable speed drive for regulated feed. Ideal for Medium fine and coarse material. The design of rotor is modified and pin is designed to facilitate the same.

Model	Dia in MM	H.P.	RPM	Space Required (in mm)			Capacity Kg/hr
				L	B	H	
BUI-30	750	40	1000/2000	2200	1800	1800	500-5000
BUI-36	900	75	800/1600	2400	2000	2000	800-8000
BUI-42	1000	100	750/1800	2600	2200	2200	1000-10000



Roasting Section

We are presenting a vertical Roaster Mixer Dryer in which, one can roast flour flakes and variety of other material in high capacity.

Model	A In mm	B In mm	C In mm	D In mm	E In mm	F In mm	Capacity on Wheat Flour (in Kg)
BUI-1500	3730	3490	960	1120	500X300	200X280	2-3
BUI-2000	3820	3620	1220	1380	500X300	200X280	3-4
BUI-3500	4190	4010	1600	1750	500X300	200X280	4-6

The Ideal Milling Machines for you



Seed Cracker Machine

These Rolls are used for cracking of oilseeds, press cake and other soft to medium hard products. The machine is suitable for cracking almost all the seed. Our range of seed cracker machines and palm nut cracker machines are widely used for the oil milling applications.



Semolina Dryer

Our provided dryer machine reduces the moisture level in the Semolina and improves the self-life, so it is an important machine in flour milling. This dryer machine is designed utilizing the best quality material and advanced technology keeping in pace with industrial norms.

SS Semolina Drum Dryer 500 kgs/hr	Pneumatic Semolina Dryer 1-1.5 ton/hr
Moisture 4-5 per cent	Moisture 1-1.5 per cent
2 kw x 12 heater = 24 kw	1.5 kw x 8 heater = 12 kw

About DPG Milling World

We started as a trading company in the 1970s and were importing flour milling machines from Germany and Poland and supplying them to our clients in India. In the 1990s, we started manufacturing our own machines and now export them to South America, Africa and Europe. We have a clientele of over 2500 flourmills in India & worldwide.

Our Valuable Clients



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