



GRAINS & PULSES

PROCESSING MACHINES



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ABOUT JAS ENTERPRISE

JAS Enterprise is a trusted name in the agro-food machinery industry, delivering innovative, reliable, and high-performance solutions for processing grains, pulses, millets, and cereals. Since 1990, we have been designing and manufacturing advanced machines that ensure efficient cleaning, de-husking, grinding, roasting, mixing, screening, and grading.

With more than three decades of engineering excellence, modern manufacturing facilities, and strong R&D capabilities, JAS Enterprise serves clients across India and over 50 countries worldwide. Our machines are widely used in flour mills, dal mills, food processing plants, agro-industries, cooperative units, and export-oriented facilities.

We focus on quality, performance, hygiene, and continuous innovation, ensuring consistent output and long-term profitability for our customers.

Cleaning & Sieving Solutions

Advanced equipment designed to remove impurities, enhance product quality, and improve downstream processing efficiency.

- **Vibrating Screen Machine** – Efficient cleaning of grains, pulses, and cereals with accurate separation of dust, stones, and foreign particles.
- **Vibro Screen Machine** – Precision screening system for fine particle separation, flour grading, and powder quality enhancement.
- **Round Reel Machine** – High-capacity grading and cleaning system ideal for besan, flour, rawa, and mass-quantity grain processing.

Milling & Pulverizing Equipment

High-performance machines engineered for hygienic, uniform, and energy-efficient milling operations. Mini Dal Mill – Compact and efficient unit for de-husking, splitting, grading, and producing clean pulses with minimal wastage. Impact Pulverizer with Air Classifier – Delivers ultra-fine grinding of sattu, besan, maize, spices, and similar products with controlled mesh and particle size distribution. Impact Pulverizer – Robust mill for efficient grinding of pulses, cereals, and general food materials.

- **Multi-Purpose Pulverizer** – Versatile machine suitable for wheat, rice, maize, chana, urad, masoor, and millets such as bajra, jowar, ragi, and more.
- **Double Chamber Pulverizer** – Dual-stage grinding system providing uniform output, increased capacity, and reduced heat generation.
- **Dalia Pulverizer** – Specialized equipment for producing consistent-quality cracked wheat (dalia) and similar coarse products.

Roasting & Drying Systems

Designed for consistent roasting, flavour enhancement, and moisture reduction.

- **Grains & Pulses Roaster** – Ideal for roasting wheat, dalia, cereals, pulses, millets, ready-mix products, and fortified blends with uniform heat distribution.

Mixing & Blending Machines

Precision mixing solutions to achieve homogeneity in flours, premixes, multigrain blends, and fortified mixtures.

- **Ribbon Blender** – High-efficiency blender for multi-grain flour mixes, health mixes, seasoning blends, and dry premixes.
- **Flour Mixing Machine with Tilting Tank** – Hygienic mixing with effortless product discharge for flour-based blends.
- **Paddle Mixer** – Gentle and uniform mixing system suitable for delicate grain and pulse blends without damaging texture.

Why Choose JAS Enterprise?

- **35+ Years of Expertise** – Proven leadership in designing and manufacturing food processing machinery since 1990.
- **Complete Processing Solutions** – From cleaning and roasting to milling, pulverizing, blending, and screening.
- **Global-Standard Engineering** – Machines built with focus on hygiene, durability, and food safety protocols.
- **Customized Turnkey Projects** – Tailored plant designs for startups, SMEs, large processing units, and export-oriented facilities.
- **Worldwide Market Presence** – Trusted by processors across Africa, the Gulf, Europe, North America (USA & Canada), and Asia.
- **After-Sales Support** – Reliable service, spare parts availability, and long-term operational assistance.

VIBRATING SCREEN MACHINE



Model No.	JAS -TGM-153	JAS-TGM-204	JAS-TGM-603	JAS-TGM-803
Sieve Size in feet	1.5' x 3'	2' x 4'	6' x 3'	8' x 3'
Capacity per hour	100-125 kg/hr	200-225 kg/hr	750-800 kg/hr	1200-1250 kg/hr
Motor	0.5 HP (0.37 kW)	0.5 HP (0.37 kW)	1 HP (0.75 kW)	1.5 HP (1.1 kW)

MINI DAL MILL



Name of Pulses	Production capacity per hour	
	JAS-MDM-6262	JAS-MDM-6565
Bengal grams (Chana) bokla,	90-120 kg/hr	200-210 kg/hr
Kesari, Matar (Peas) SoyaBean	90-100 kg/hr	175-200 kg/hr
Pigeon Pea (Red Gram, Arhar, Tur)	70-80 kg/hr	175-190 kg/hr
Lentil (Masoor)	100-125 kg/hr	250-350 kg/hr
Black gram (Urad)	60-80 kg/hr	150-200 kg/hr
Green Gram (Moong) Moth Bean	60-80 kg/hr	150-200 kg/hr
Required Space (LxWxH) in Inch	64" x 38" x 53"	84" x 48" x 69"
Power Required HP (kW)	2 HP (1.5 kW)	5 HP (3.75 kW)

GRAINS & PULSES ROASTER



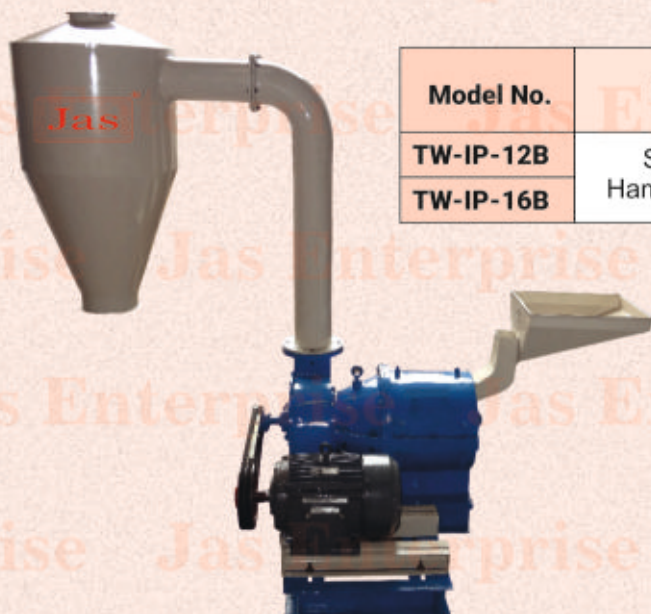
Model No.	JAS-ASR-50	JAS-ASR-100	JAS-ASR-200	JAS-ASR-400	JAS-ASR-800	JAS-ASR-1000
Roasting Drum Size	50 Litres	100 Litres	200 Litres	400 Litres	800 Litres	1000 Litres
Output Capacity	10-20 Kg/hr	25-50 Kg/hr	50-100 Kg/hr	100-200 Kg/hr	200-400 Kg/hr	500 Kg/hr
Max. Batch Capacity	10 Kg	25 Kg	50 Kg	100 Kg	200 Kg	250 Kg
Contacting Parts	SS 304	SS 304	SS 304	SS 304	SS 304	SS 304
Non-Contacting Parts	Painted MS with insulated SS 304 Drum	Painted MS with insulated SS 304 Drum	Painted MS with insulated SS 304 Drum	Painted MS with insulated SS 304 Drum	Painted MS with insulated SS 304 Drum	Painted MS with insulated SS 304 Drum
Motor Power	0.5 HP(0.37kW) 3 phase 415 Volt	1 HP(0.75kW) 3phase 415 Volt	2 HP(1.5kW) 3 phase 415 Volt	3 HP(2.25kW) 3 phase 415 Volt	5 HP(3.75kW) 3 phase 415 Volt	5 HP(3.75kW) 3 phase 415 Volt
Heating System with Automatic Temp. Controller	6 kW	8 kW	12 kW	24 kW	36 kW	36 kW
Size of Machine in Inch	42" x 42" x 48" 145 Kg	54" x 48" x 60" 245 Kg	60" x 60" x 66" 355 Kg	60" x 60" x 72" 465 Kg	84" x 48" x 66" 1000 Kg	165" x 165" x 72" 1500 Kg

IMPACT PULVERIZER WITH AIR CLASSIFIER



Model No.	No. of Hammer	Required HP	Required Space in Ft.	Production Capacity
TW-IP-12	8	7.5 HP	10' x 10' x 10'	60-75 kg/hr
TW-IP-16	8	15 HP	10' x 10' x 10'	150-200 kg/hr
TW-IP-20	8	20 HP	10' x 10' x 11'	200-250 kg/hr
TW-IP-25	8	30 HP	10' x 10' x 13'	300-400 kg/hr
TW-IP-32	8	50 HP	10' x 10' x 13'	600-700 kg/hr
TW-IP-32B	16	60 HP	10' x 10' x 16'	700-900 kg/hr
TW-IP-42	16	100 HP	19' x 10' x 18'	1000-1200 kg/hr
TW-IP-42B	16	125 HP	20' x 12' x 20'	1200-1400 kg/hr
TW-IP-52	20	150-175 HP	20' x 12' x 20'	1600-1800 kg/hr
TW-IP-62	24	175-200 HP	20' x 15' x 20'	1800-2000 kg/hr

IMPACT PULVERIZER



Model No.	Hammer	Required HP	Required Space in ft.	Grinding Capacity
TW-IP-12B	SS 14 No. Hammer & Liner	10 HP	10' x 10' x 10'	100 to 120 kg/hr
TW-IP-16B		15 HP	10' x 10' x 10'	180 to 200 kg/hr

MULTI PURPOSE PULVERIZER



Model No.	Chamber size in inch	Motor HP (kW)	Size of Machine	Grinding Capacity
JAS-GM-1302BL	Ø 10" x 5"	2 (1.75 kW)	66 X 40 X 115 cm	16-20 kg/hr
JAS-GM-1303BL	Ø 12" x 6"	3 HP (2.25 kW)	66 X 40 X 115 cm	25-30 kg/hr
JAS-GM-1305BL	Ø 12" x 6"	5 (3.75 kW)	66 X 40 X 115 cm	40-50 kg/hr
JAS-GM-1375BL	Ø 14" x 8"	7.5 (5.625 kW)	89 x 54 x 137 cm	60-70 kg/hr
JAS-GM-1310BL	Ø 14" x 8"	10 (7.5 kW)	89 x 54 x 137 cm	80-100 kg/hr
JAS-GM-1315BL	Ø 16" x 9"	15HP (11.25 kW)	127×59×122cm	120-150kg/hr
JAS-GM-1320BL	Ø 20" x 10"	20HP(15 kw)	137×69×150 cm	160-200kg/hr

DOUBLE CHAMBER PULVERIZER



Model No.	JAS-DCP-103	JAS-DCP-124
Primary Chamber	Ø 8" x 3"	Ø 10" x 4"
Secondary Chamber	Ø 10" x 3"	Ø 12" x 4"
RPM	2800	2800
Power	5 HP (3.8 kW)	10 HP (7.5 kW)
MOC	Stainless Steel	Stainless Steel

DALIA PULVERIZER



Model No.	Roller Machine Size	Production Capacity	HP	Blower Power HP
JAS-ERB-927	Ø 9"x27"	400-600 kg/hr	2-5	1
JAS-ERB-1024	Ø 10"x24"	500-800 kg/hr	5-7.5	2
JAS-ERB-1230	Ø 12"x30"	800-1200 kg/hr	7.5-10	3
JAS-ERB-1233	Ø 12"x33"	1200-1500 kg/hr	10-12.5	3
JAS-ERB-1433	Ø 14"x33"	1500-2000 kg/hr	12.5-15	3
JAS-ERB-1436	Ø 14"x36"	2000-2500 kg/hr	15-20	5

RIBBON BLENDER



Model No.	Chamber size in inch (LxWxH)	Size of Machine	Volume in litres	Flour Capacity	Motor H.P.
JAS-RB-50	18"x12"x15"	48"x18"x15"	50	10 kg /batch	1 HP (0.75 kW)
JAS-RB-100	21"x15"x18"	51"x21"x18"	80	25 kg /batch	2 HP (1.5 kW)
JAS-RB-250	24"x18"x24"	54"x24"x24"	150	50 kg /batch	3 HP (2.25 kW)
JAS-RB-500	36"x18"x24"	66"x24"x24"	250	100 kg /batch	5 HP (3.75 kW)
JAS-RB-1000	48"x24"x30"	78"x30"x30"	500	200 kg /batch	7.5 HP (5.6 kW)
JAS-RB-1500	60"x30"x36"	90"x36"x36"	1000	500 kg /batch	10 HP (7.5 kW)
JAS-RB-2000	84"x30"x36"	114"x36"x36"	1250	750 kg /batch	12.5 HP (9.37 kW)
JAS-RB-3000	120"x30"x36"	150"x36"x36"	2000	1000 kg /batch	15 HP (11.25 kW)

FLOUR MIXING MACHINE WITH TILTING TANK



Model No.	Chamber size in inch (LxWxH)	Batch Capacity	Motor	Size of Machine
JAS-ERB-50	24" x 18" x 24"	10-30 kg	1.5 HP (1.12 kW)	37" X 27" X 48"
JAS-ERB-100	36" x 18" x 24"	15-60 kg	2 HP (1.5 kW)	61" X 27" X 48"
JAS-ERB-250	60" x 18" x 24"	20-80 kg	3 HP (2.25 kW)	85" X 27" X 48"

PADDLE MIXER



Model No.	Chamber size in inch (LxWxH)	Volume in litres	Kg for Batch	Motor HP
JAS-PB-181215	18"x12"x15"	50	10	2
JAS-PB-211518	21"x15"x18"	80	25	3
JAS-PB-241824	24"x18"x24"	150	50	4
JAS-PB-361824	36"x18"x24"	250	100	7.5
JAS-PB-482430	48"x24"x30"	500	200	10

Model No.	Machine Size	Tank Size in Inch	Motor HP	Mixing Capacity per Batch
JAS-EPM-12	30"x25"x26"	12"	0.5	2-4 Kg
JAS-EPM-18	30"x26"x27"	18"	1	4-8 Kg
JAS-EPM-24	56"x25"x41"	24"	1.5	10-30 Kg
JAS-EPM-36	68"x25"x41"	36"	2	15-60 Kg
JAS-EPM-60	92"x25"x41"	60"	3	20-80 KG

VIBRO SCREEN MACHINE



Stainless Steel Gyro Screen with Dust Cover



Stainless Steel Gyro Screen with Dust Cover



Mild Steel Gyro Screen Without Dust Cover



Stainless Steel Hopper Gyro Screen with Dust Cover

ROUND REEL MACHINE



Model No.	Screening Chamber Size	Required HP	Capacity per hour
JAS-CRS-3072	30" x 72"	1 - 2	300-500
JAS-CRS-30108	30" x 108"	2 - 3	500-750
JAS-CRS-30144	30" x 144"	3 - 5	750-1000
JAS-CRS-30180	30" x 180"	5 - 7.5	1000-1500
JAS-CRS-36108	36" x 108"	5 - 7.5	1500-2000
JAS-CRS-48108	48" x 108"	5 - 7.5	2000-2500



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