

Mill Master Machinery Pvt. Ltd.



Our Commitment :

Quality, Delivery, Service

COMPANY PROFILE

Mill Master produces a comprehensive range of individual machines, complete integrated projects and total turn key projects in the rice processing industry. We offer complete solution in modernization of rice processing mills and we achieve this through a complete innovation and technology, team effort with reliability, continuous development in machineries quality, design systemization and manufacturing process, last but not the least into the customer service and support.

We are a team having a rich experience of around 12 Years developing and researching innovative way for modern rice mills. We have worked with many turnkey and individual projects across India and across the globe. We had a passion to start an organization in rice milling field hence we have started with a name which stuck our mind where we understood that it is a field which servers quality and better food for the world. We deal with all kinds of rice milling machines in our own brand.

To Design, supply, erection and commissioning of machineries in the rice processing industry. Mill Master Machinery has a highly qualified team of Engineers and professionals who have nearly 10 years of experience in them rice processing industry to serve customers in an efficient & timely manner. Mill Master Machinery serves its customers in India, Bangladesh, Nepal, Sri Lanka and other neighbouring countries through an effective network for sales and services.

We understand the requirement of Plant, By Analysing the Data With customer and Based on Data and Requirement We prepare flowchart .With Help of Flow Chart We Study Engineering and Power requirement Study .We suggest you the Best Machines to select and accessories for the same. After this Process We Will Make Engineering Plant Layout then followed by Erection, Trial Run, and Production Run. We will fine Tune Process settings until best grain Out Come from Our Plant Such as Improved quality of the Product with Superiority in look, With Negligible Broken Rice In Production. The Product Which Comes from Our Plant is possessing high Hygiene Standards, Best cooking Results and it's free from Infestation. And Our Plants Designed In such way that it should get Faster Return On Investment (ROI), Plant should Run With Lower Maintenance Cost and Of course Results In Over all Reduced Cost of Production.

PRODUCTS



1. MASTER PADDY CLEANER
2. MASTER DE-STONER
3. MASTER AUTOMATIC SHELLER
4. HUSK ASPIRATOR
5. MASTER PADDY SEPARATOR
6. MASTER WHITENER
7. MASTER SILK JET POLISHER
8. MASTER PLAN SIFTER
9. MASTER LENGTH GRADER
10. MASTER THICK AND THIN GRADER
11. MASTER SINGLE ELEVATOR
12. ACCESSORIES



1. MASTER PADDY CLEANER

The machine structure contains the combination of standard heavy steel and imported laminated rubber wood. The machine is fitted with feeding apparatus with feed roll and aspiration system consists of pre-aspiration & final aspiration. The machine has an integral fan, fixed speed drive, motors for aspiration and sieveboard drive. G.I coated screens are provided in 3 layers and rubber balls are provided to avoid the clogging of the screens. This cleaning machine is to separate impurities like stones, grass, sand, immature grains, dust from paddy.



Technical Specification

S.N	MODEL	CAPACITY	POWER REQUIRED	VOLTAGE	M/C SIZE (LxBxH)
1	MPACL-800	3 - 6 TPH	Main Motor - 2hp/1.5kw	415v / 50 hz	2600x1000x2600
			Blower Motor - 5hp/3.7kw		
2	MPACL-1500	7 - 8 TPH	Main Motor - 3hp/2.2kw	415v / 50 hz	2550x1700x2600
			Blower Motor - 7.5hp/5.5kw		

SPECIAL FEATURES :

- Direct Blower system for effective suction of foreign materials like dust, immature grains.
- GI coated sheets used for sieves to avoid corrosion and to increase the life of sieves.

SUITABLE FOR :

- Paddy
- Dal
- Wheat
- Seeds



2. MASTER DE-STONER

The machine contains heavy standard steel structure with self cleaning double sieve frames and twin imported vibro motors. The De-stoner separates the stones from paddy by the way of different material density and fluidizing the paddy, stones with the support of an aspiration system. The machine is equipped with oscillating housing with exhaust hood and acrylic view ports.

Technical Specification

S.N	MODEL	CAPACITY	POWER REQUIRED	VOLTAGE	M/C SIZE (LxBxH)	
1	DEST-4T	3 - 4 TPH	Vibro Motors-0.5hp/0.37kw x2nos	415v / 50 hz	1500x1250x1950	
			Blower Motor - 12.5hp/9.3kw			
			Airlock Geared motor- 1hp/0.75kw			
2	DEST-6T	5 - 6 TPH	Vibro Motors-0.5hp/0.37kw x2nos	415v / 50 hz	1500x1250x1950	
			Blower Motor - 15hp/11.25kw			
			Airlock Geared motor- 1hp/0.75kw			

SPECIAL FEATURES :

- Direct Blower system for effective suction of foreign materials like dust, immature grains.
- Self cleaning system for maximum operation efficiency.
- Heavy rigid structure for noiseless and trouble free operations.

SUITABLE FOR :

- Paddy
- Dal
- Wheat
- Seeds

3. MASTER AUTOMATIC SHELLER

This automatic machine is designed for de-husking of paddy by differential speed of rubber rolls. This machine is equipped with a sensor to detect the paddy availability in hopper, imported vibrator to maintain even flow speed and even flow thickness of paddy, pneumatic control system for adjusting the percentage of hulling from 0 to 98 %, inbuilt duplex blower to cool rubber rolls and to collect the dust.



Technical Specification

S.N	MODEL	CAPACITY	POWER REQUIRED	VOLTAGE	RUBBER ROLL SIZE	M/C SIZE (LxBxH)	APPROX WEIGHT
1	SHEL-4T	3 - 4 TPH	Motor-10hp/7.5kw-960RPM	415v / 50 hz	10"	1450x900x1400	540 KG
			Motor-12.5hp/9.3kw-960RPM				
2	SHEL-6T	5 - 6 TPH	Motor-20hp/15kw-960RPM	415v / 50 hz	12"	1450x950x1300	610 KG

SPECIAL FEATURES :

- Imported vibro feeder and controller for best feeding with high efficiency.
- Double blower system for rubber cooling and dust collection.
- Heavy rigid structure for noiseless and trouble free operations.

SUITABLE FOR :

- Raw Paddy
- Paraboiled Paddy
- Steamed Paddy
- Basmati Paddy

4. HUSK ASPIRATOR

This machine is designed for separation of husk from the mixture of brown rice and paddy. It is equipped with dynamically balanced blower, adjustable flaps for even separation and to avoid the rice conveying with husk. The only husk conveyed through the special pipe line to husk yard.

Technical Specification

S.N	MODEL	CAPACITY	POWER REQUIRED	VOLTAGE	M/C SIZE (LxBxH)	APPROX WEIGHT
1	HUSK-4T	3 - 4 TPH	Blower Motor - 5hp/3.7kw	415v / 50 hz	2400x950x880	450 KG
2	HUSK-6T	5 - 6 TPH	Blower Motor - 5hp/3.7kw	415v / 50 hz	2400x950x880	450 KG

SPECIAL FEATURES :

- Extra chute provided for collecting tips from husk due to immature grains hulling.
- Stainless Steel structure provided where paddy and husk contacting area to avoid wear & tear.

SUITABLE FOR :

- Raw Paddy
- Paraboiled Paddy
- Steamed Paddy
- Basmati Paddy

5. MASTER PADDY SEPARATOR

The machine is designed for separation of paddy from the mixture of brown rice and paddy on the principle of density. This machine is equipped with fine inclination adjustment of tray angle, precious distribution inlet for even feeding for all trays in the presence of detecting sensor with timer. It separates 3 types of materials, that are paddy, brown rice, mixture of paddy & brown rice.



Technical Specification

S.N	MODEL	CAPACITY	POWER REQUIRED	VOLTAGE	NO. OF TRAYS	M/C SIZE (LxBxH)	APPROX WEIGHT
1	MSEP-4T	3 - 4 TPH	Motor-2hp/1.5kw-960RPM	415v / 50 hz	10 to 16	1850x2200x2250	700 KG
2	MSEP-6T	5 - 8 TPH	Motor-3hp/2.25kw-1440RPM	415v / 50 hz	20x20	2650x1800x2200	1250 KG

SPECIAL FEATURES :

- Heavy rigid structure for noiseless and trouble free operations.
- Stainless Steel Sheets used to avoid rust, wear & tear.
- Fully automatic system provided to control mixing of paddy in final rice.

SUITABLE FOR :

- Raw Paddy
- Paraboiled Paddy
- Steamed Paddy
- Basmati Paddy



6. MASTER WHITENER

This machine is designed to polish the brown rice with less broken and to remove the bran. This machine is equipped with vertical alignment of silicon carbide grinding wheels and CNC punched sieves with adjustable frames, spring controlled polish adjustment for easy operation, stainless steel discharge and exhaust connection for bran suction. The brown rice is subjected to parallel friction between grinding wheels and sieves to remove the thin layer of bran with required whitening of rice by 2 or 3 passes of polishing for normal rice and 4 passes for basmati long grains.

Technical Specification

S.N	MODEL	CAPACITY	POWER REQUIRED	VOLTAGE	NO.OF GRINDING WHEELS	TYPE OF GRINDING WHEEL	M/C SIZE (LxBxH)	APPROX WEIGHT
1	WHTNR-3T	2 - 3 TPH	Motor-20hp/15kw-960RPM Motor-30hp/22.5kw-1440RPM	415v/50hz	6	16,24,30,36 grit	1350X580x1450	700 KG
2	WHTNR-4T	4 TPH	Motor-40hp/30kw-1440RPM	415v/50hz	6	16,24,30,36 grit	1450x700x1430	845 KG
3	MEGA-6T	5 - 6 TPH	Motor-50hp/37.5kw-1440RPM Motor-60hp/45kw-1440RPM	415v/50hz	7	16,24,30,36 grit	1650x750x1750	1350 KG

SPECIAL FEATURES :

- Double inlet provided for even feeding.
- Easy polish adjustment mechanism.
- High degree polishing with special abrasive wheels as per type of rice processing.
- Easy to replace the wear and tear parts.

SUITABLE FOR :

- Raw Paddy
- Paraboiled Paddy
- Steamed Paddy
- Basmati Paddy

7. MASTER SILK JET POLISHER

This machine is designed to improve the glaziness of rice after polishing. This machine is equipped with water jet anti siphon stainless steel nozzels, special alloy steel beaters and CNC punched sieves, cooling blower to cool the main shaft. And special equipment for automatic feeding and water pump controlling with sensor, slide gate and controll unit with timer for easy operation.



Technical Specification

S.N	MODEL	CAPACITY	POWER REQUIRED	VOLTAGE	TYPE OF POLISHING BEATER	M/C SIZE (LxBxH)	APPROX WEIGHT
1	SILK -2T	1 - 2 TPH	Motor-20hp/15kw-960RPM Motor-30hp/22.5kw-1440RPM	415v / 50 hz	2 rib, 4 rib	1300x600x1550	540 KG
2	SILK-6T	3 - 6 TPH	Motor-40hp/30kw-1440RPM Motor-60hp/45kw-1440RPM	415v / 50 hz	2 rib, 4 rib	1800x650x1575	875 KG
3	TURBO-8T	7 - 8 TPH	Motor-75hp/56kw-1440RPM	415v / 50 hz	2 rib, 4 rib	2100x800x1775	1350 KG

SPECIAL FEATURES :

- Water jet mechanism to get high degree of glaziness.
- Heavy rigid structure for noiseless and trouble free operations.
- Alloy steel hardend beaters to improve the life

SUITABLE FOR :

- Raw Rice
- Paraboiled Rice
- Steamed Rice
- Basmati Rice



8. MASTER PLAN SIFTER

This machine is designed for seperation of broken rice as its diameter wise with rotary motion. This machine is equipped with 5 trays and 5 out puts for differential diameters of rice like small broken, medium broken, big broken and head rice.

Technical Specification

S.N	MODEL	CAPACITY	POWER REQUIRED	VOLTAGE	NO. OF SEIVES	M/C SIZE (LxBxH)	APPROX WEIGHT
1	SFTR -3T	2 - 3 TPH	Motor-2hp/1.5kw-960RPM	415v/50 hz	4	1250x1450x1500	700 KG
2	SFTR-6T	4 - 6 TPH	Motor-2hp/1.5kw-960RPM	415v/50 hz	5	1250x1450x1700	760 KG

SPECIAL FEATURES :

- Self cleaning mechanism provided to avoid clogging of screens.
- Extra sieves are provided for processing of all types rice.
- Heavy rigid structure for noiseless and trouble free operations.

SUITABLE FOR :

- Raw Rice
- Paraboiled Rice
- Steamed Rice
- Basmati Rice

9. MASTER LENGTH GRADER

This machine is designed for separation of broken rice as its length wise with cylindrical motion. This machine is equipped with heavy steel structure and precious indented cylinder, cylindrical rotary brushes equipped for self cleaning for helping good performance of indented cylinder to separate the broken rice and head rice and a screw conveyor to discharge the broken rice.



Technical Specification

S.N	MODEL	CAPACITY	POWER REQUIRED	VOLTAGE	DIAMETER OF SEIVE	M/C SIZE (LxBxH)	APPROX WEIGHT
1	LGRD -1D	2 - 3 TPH	Motor-2hp/1.5kw-34RPM	415v / 50 hz	700 mm	3900x1100x1250	825 KG
2	LGRD -2D	5 - 6 TPH	Motor-4hp/3kw-34RPM	415v / 50 hz	700 mm	3900x1100x2800	1700 KG

SPECIAL FEATURES :

- Rice output is uniform in size
- High performance due to self cleaning mechanism
- It can separate the broken rice like 1/4, 1/2, 3/4, head rice length wise.

SUITABLE FOR :

- Raw Paddy
- Paraboiled Paddy
- Steamed Paddy
- Basmati Paddy



10. MASTER THICK AND THIN GRADER

This machine is designed for separation of lower and higher size rice as its diameter wise with cylindrical motion. This machine is equipped with heavy steel structure and precious continuous ss wire cylinder, cylindrical rotary brushes equipped for self cleaning for helping good performance of cylinder to sizing the rice.

Technical Specification

S.N	MODEL	CAPACITY	POWER REQUIRED	VOLTAGE	DIAMETER OF SEIVE	M/C SIZE (LxBxH)	APPROX WEIGHT
1	TGRD -2D	2 - 4 TPH	Motor-1hp/0.75kw	415v / 50 hz	300 mm	2100x600x1450	550 KG
2	TGRD -4D	5 - 6 TPH	Motor-2hp/1.5kw	415v / 50 hz	300 mm	2100x600x2200	720 KG

SPECIAL FEATURES :

- Rice output is uniform in size
- High performance due to self cleaning mechanism

SUITABLE FOR :

- Raw Paddy
- Paraboiled Paddy
- Steamed Paddy
- Basmati Paddy

11. MASTER SINGLE ELEVATOR

This bucket elevator is designed to vertical conveying the material from one machine to other machine for different processes from cleaning section to final packing section. This machine is equipped with food grade belt, finger gripped pulleys, different sizes of buckets for different capacities.

Technical Specification

S.N	MODEL	CAPACITY	POWER REQUIRED	VOLTAGE	HEIGHT
1	ELE-5"	3 - 4 TPH	Grd Motor-1hp/0.75kw-100rpm	415v/50hz	15' to 40' feet
2	ELE-6"	5 - 6 TPH	Grd Motor-1.5hp/1.1kw-100rpm	415v/50hz	15' to 40' feet
3	ELE-8"	7 - 8 TPH	Grd Motor-2hp/1.5kw-100rpm	415v/50hz	15' to 40' feet
4	ELE-10"	9 - 10 TPH	Grd Motor-3hp/2.2kw-100rpm	415v/50hz	15' to 40' feet

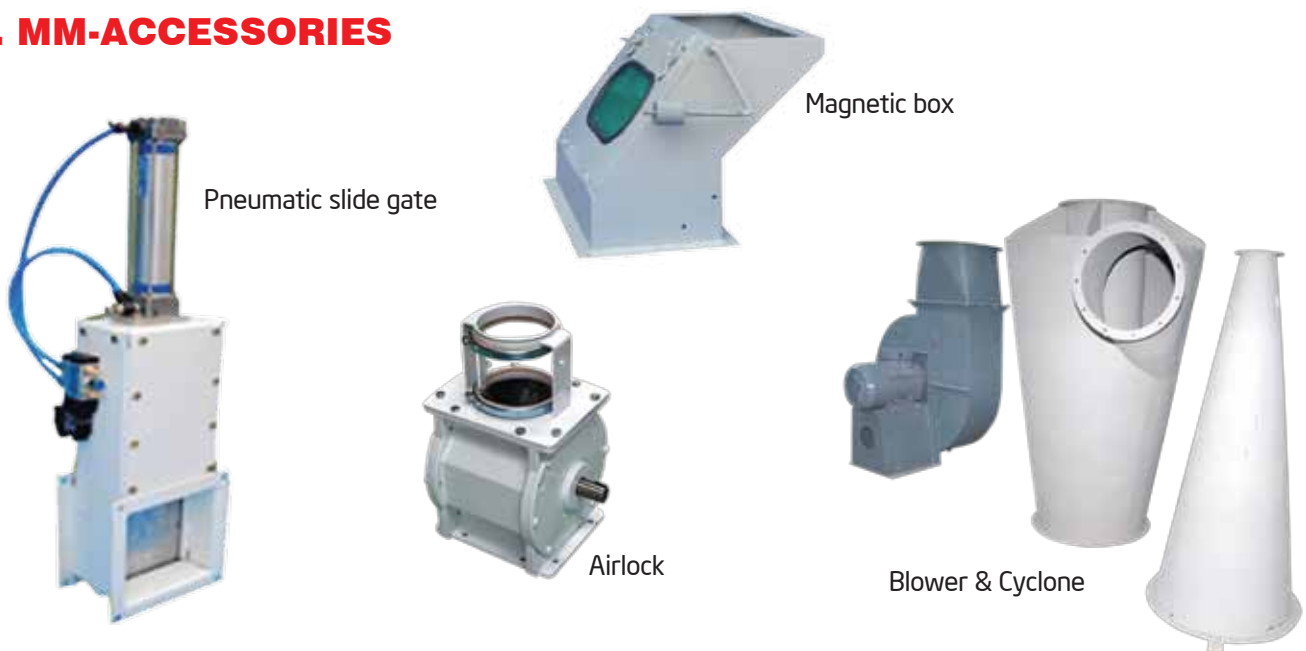
SPECIAL FEATURES :

- Finger pulleys provided to avoid belt slippage and to avoid brakage of grains.
- Geared motor drive to controll reverse rotation at power off mode.

SUITABLE FOR :

- Raw Rice
- Steamed Rice
- Paraboiled Rice
- Basmati Rice
- Paddy
- Dal
- Seed

12. MM-ACCESSORIES



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