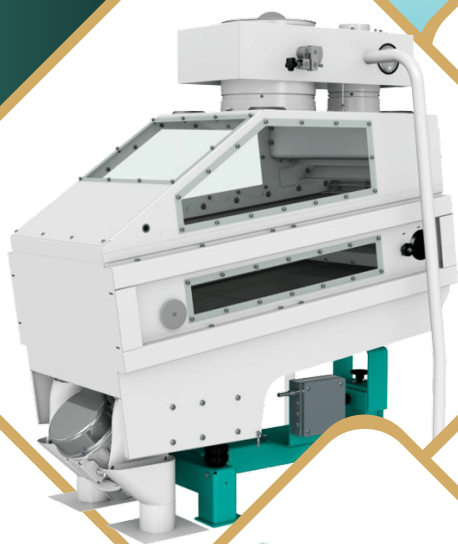


METALCO

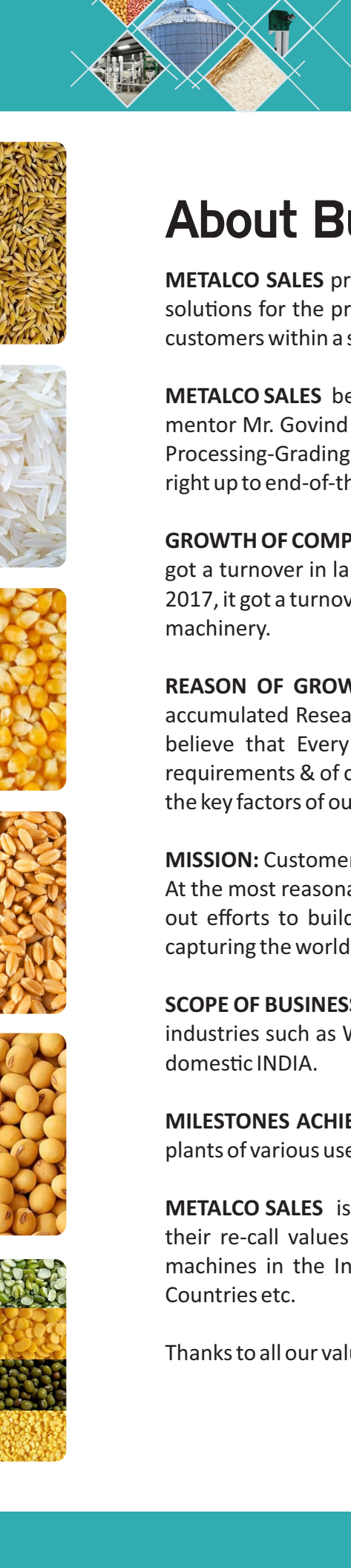
Complete Grain Processing SOLUTIONS



Metalco Sales

MANUFACTURER & EXPORTER

www.metalcosales.com

A vertical strip of images on the left side of the page, showing various types of grains and seeds: rice, wheat, corn, and lentils, arranged in a stack.

About Business

METALCO SALES produce a comprehensive range of individual machines and totally engineered solutions for the processing of rice, wheat grains milling machineries with huge base of satisfied customers within a short span of its operation.

METALCO SALES began its eventful corporate journey in 2014 under the visionary leadership of its mentor Mr. Govind Agarwal providing total solutions in Rice, Dal Flour, Grains and Seeds Milling-Processing-Grading-Sorting-Storage and cleaning with the material handling from raw material right up to end-of-the-line packaging.

GROWTH OF COMPANY: It commenced its business from scratch in the year 2014. In its first year it got a turnover in laks. Since then the business has been growing at fast pace and in the last year 2017, it got a turnover in Crores Today we are a successful company in the grains processing plant & machinery.

REASON OF GROWTH: In this period, a succession of successful developments & wealth of accumulated Researches & knowledge has been the reason behind its fast growth. And also we believe that Every client has a unique requirement based on his in feed product, market requirements & of course the budget with after sale-services. To the maximum possible extent are the key factors of our growth.

MISSION: Customer Satisfaction is the core of all endeavors by offering best quality of machinery At the most reasonable cost & offer sales services to our valued customer, we strive to make an all out efforts to build up strong business relations with our customer. Besides we also focus on capturing the world market with our trading of trust, commitment and quality with skills.

SCOPE OF BUSINESS: Need for Design, Supply, installation & commissioning of machinery for food industries such as Wheat, flour, maize and lentils, which are emerging as a rural Agro markets in domestic INDIA.

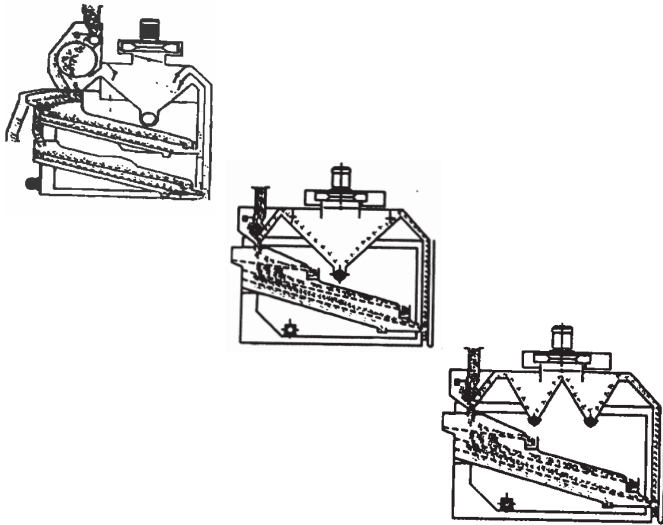
MILESTONES ACHIEVED: We have successfully installed & commissioned most modern rice mill plants of various uses in its segment, leaving a mark of quality and our spread.

METALCO SALES is most grateful to all our esteemed customers who have given us patronage & their re-call values to become our selves a respectable name in the segment of grain-plants machines in the India and other countries like Bangladesh, Nepal, Africa, Iran, Iraq and Gulf Countries etc.

Thanks to all our valued customers.

Pre & Fine Cleaner

The Metalco Cleaner (Mc) is a universal machine which is well suited for pre cleaning of many different species of grains & heavy seeds. It is also ideal to dress malting barley & milling grain to the highest quality. It has a very good influence in India & Abroad also.



FEATURES

- Top mounted Air extraction unit for best aspiration.
- Stepless variable air controls.
- Easily changeable sieves with large surface area
- As the machine is dynamically balanced hence there is no vibration.
- Specially designed rubber balls/beaters to check sieve perforation clogging.
- Low noise, low vibration, perfect dust collection & long life.

Technical Data Type : MC	UOM	MC-1000	MC-1200	MC-1500	MC-1700	MSC-1200	MSC-1500
Motor, Blower	HP	5.0	7.5	10.0	10.0	10.0	10.0
Motor, Sieve Boat	HP	1.5	2.0	3.0	3.0	3.0	3.0
No. of Frames	PCS.	7.0	7.0	7.0	7.0	13.0	13.0
*Capacity	TPH	1.0-3.0	4.0-6.0	8.0-12.0	10.0-14.0	10.0-15.0	15.0-30.0



Vibro Cleaner

The Metalco Vibro Cleaner (MVC) is used in modern Pre-cleaning and Cleaning Sections, this machine can accurately separate Oversized impurities and part of the Immature Grains from Paddy, Wheat, Soyabean and several other Grains or Cereals. The inbuilt Self-Clean system ensures optimum efficiency during the production cycle.



FEATURES

- General machine manufacturing upgrades due to operational experience.
- Advance design to ensure trouble free operations.
- Accessible double decked sieves for coarse & fine separations.
- Adjustable deck angle which allows the material to flow flexibility.
- Twin motor drive for smooth machine operation & low power consumption.
- Vibro Cleaner comes with an expression channel.
- Vibro Motors make the operation noiseless and trouble free.

Technical Data Type : MVC	UOM	MVC-01	MVC-02	MVC-03
Motor	HP	1x2	1x2	1x2
Aspiration Power Req.	HP	5.5+1	5.5+1	5.5+1
*Capacity	TPH	3.5-4	5.5-6	7.5-8
Dimension (LxBxH)	MM	2720x1440x1655	2720x1640x1655	2720x1440x1655
No. of Decks	—	2	5	2.5

Vibro De-Stoner

The Metalco Vibro De-stoner (MVD) is used for separating stones from a continuous product streams. Used for continuously separating stones from grains such as wheat, bean, corn, rice, pulses etc. As an action of air separating, fine impurities such as buck wheat, grass seed, dust & stones can be separated from grains on the principle of difference between their specific gravities.



FEATURES

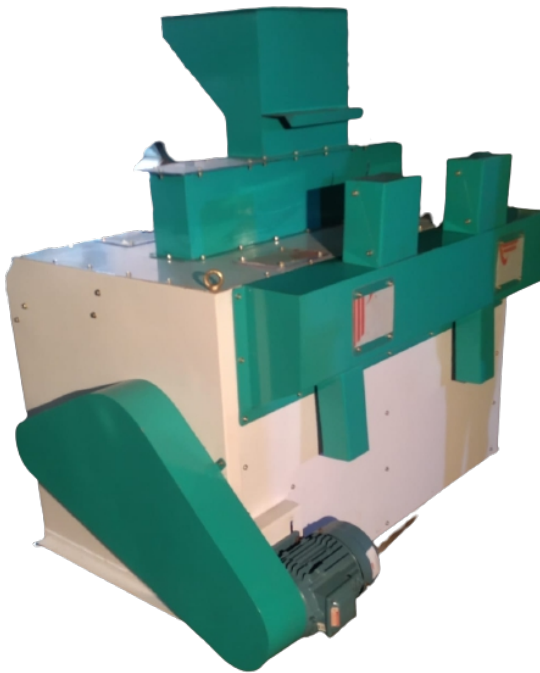
- High Operational Reliability.
- Easy Maintenance.
- Low noise & no dust leaking out.
- Inclination of screens can be adjusted to achieve the optimum degree of separation.
- Discharge is effected through rubber squeeze valves.
- Comes with an aspiration system.

Technical Data Type : MVD	UOM	MVD-950	MVD-1050	MVD-1200
Motor on Blower	HP	7.5	7.5	10
Vibro Motor on Machine	HP	0.5x2	0.5x2	1x2
No. of Frames	PCS	02	02	02
*Capacity	TPH	1-4	4-8	8-12
Dimension (LxBxH)	MM	1537x1130x1930	1537x1270x1930	1537x1340x1930



Mini De-Stoner

The Metalco Mini De-stoner (MMD) is most accepted rice de-stoning machine in India rice millers and rice exporters for its high de-stoning performance and trouble free operation. The stones affect most badly the market value of rice. Therefore, removing stones from the rice is essential process for every rice miller. However, it is nearly impossible for conventional screening machines to remove small stones from rice in size. Thus, the removal of such stones is most important which is possible by METALCO RICE DE-STONER.



FEATURES

- Fine separation of stones and other heavier material from grains.
- High capacity in compact size.
- Trouble free, hand free operation and easy maintenance.
- Automatic stone discharge system by timer unit.
- Saving of power, operating on a small electrical motor.

Technical Data Type : MMD	UOM	MMD -90	MMD -180
Motor	HP	1	2
*Capacity	TPH	1.5-2	3.5-4
Deck Shaft Revolution	RPM	450	450
Dimension (LxBxH)	MM	765x1120x1425	1425x1120x1425

Paddy De-Husker

The Metalco Paddy De-Husker (MDH) have resulted in an automatic Husker which establishes a new industry standards for efficiency at high feed rates. The new husker offers the advantages of decreased breakage, greater aspiration efficiency & significantly improved rubberroite

Features

- Maximum hulling degree
- Low breakage of grains.
- Quick Rubber Change Mechanism.
- Better cooling efficiency of rubber rolls.



Husk Aspirator



Technical Data Type : MDH	UOM	MDH-01
Power Requirement	HP	10
Capacity	TPH	2.5-4
Weight	KG	530

Paddy Separator

Metalco paddy separator (MPS) is a universal machine for segregation of rice and unhulled paddy in rice mill. With it's modern technology and high capacity of intake, Metalco paddy separator became one of the best machine in industry. High Quality of segregation and mixture is identity of Metalco paddy separator.



FEATURES

- High yielding and strong separating capacity.
- Compacted structure and smooth operation.
- Sieves made of top quality stainless steel therefore it is robust and smooth.
- Easy adjustment and result of separation can be checked at any time.
- Advance automatic operation technology.
- Suitable for various kinds of rice and mixture.

MODEL	MPS46x20x2	MPS60x20x2	MPS70x22x2
Capacity (T/H)	4.5-5.5	6-7.5	7.5-8.5
Power (KW)	2.2	3	4
Speed (RPM)	300 ± 5	300 ± 5	300 ± 4
Net Weight (KG)	1150	1350	1600
Dimensions (MM)	2000x1630x2050	2270x1850x2120	2580x2030x2400

Rice Whitener

The Metalco Rice Whitener (MRW) incorporates the most advanced techniques of vertical milling & has been proven to be superior to similar machine in rice mills throughout the world. The versatility of Metalco Rice Whitener for milling rice of all degrees of whiteness with the maximum broken makes it the ideal machine for modern rice mills.



FEATURES

- Minimum broken during the whitening process.
- Very high capacity with minimum floor space is required.
- Very easy adjustment of whitening degree.
- Smooth running due to dynamically balanced rotor shaft.

Technical Data Type : MRW	UOM	MRW -01	MRW -02
Power Requirement	HP	30	50
Capacity	TPH	2-3	4-6
Weight	KG	430	755



Silky Polisher

The Metalco Silky Polisher (MSP) cleans the surface of rice, significantly enhancing the quality of finished products. The machine has achieved a high reputation in many countries for its high performance & for the innovations.



FEATURES

- Special water jet spray combined with blower air.
- Enables excellent finished to rice. Suitable for raw, steam & par boiled rice.
- More head rice percentage.

Technical Data Type : MSP	UOM	MSP -01	MSP -02
Power Requirement	HP	40	60
Capacity	TPH	2.5-3	5-6
Weight	KG	600	650

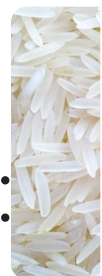


Thick & Thin Grader

The Metalco Thick & Thin Grader (MTG) is developed for size separation of various grains and beans. During the passage of materials through the revolving cylindrical screens, smaller grains or beans are discharged through the slots or round holes on the screens to the outside of the machine. It is used both for under sizing & over sizing.

FEATURES

- Suitable for both brown & white rice.
- Efficient machines for sizing paddy & other cereals.
- Compatible with carter day screen.
- Similar setup for removal of over sized & under sized grains.



Bran Centrifugal

The Metalco Bran Centrifugal (MBC) has advanced operating systems. It is designed with the assistance of innovative technology. Our rice bran centrifugal has good separation capacity. It is widely used for cleaning of wheat, seed, paddy, rice, pulses, granular plastic iron powder & copper powder.

Features

- Available in different mesh sizes.
- High yield
- Compact structure.
- Smooth operation
- Flexible designing
- High quality screens



Technical Data Type : MBC	UOM	MBC-01	MBC-02
Motor	HP	1.5	2
*Capacity	TPH	0.4	0.8
Dimension (LXBXH)	MM	2200x1524x945	3506x1524x945

Rice Length Grader

The Metalco length grader (MLG) is a new generation of grading machine aiming at technically modernizing industries requiring flexible production with a good grading results in terms of quality. It is used to separate the rice according to its length. The technology of machine is tested theoretically as well as practically which can be checked by many reference all over the country.



FEATURES

- Extremely efficient separation of whole rice & broken rice.
- Compatible with cater day set of screens.
- Gives constant speed to maintain through out same quality of rice.
- Variable speed control drive.
- Low maintenance cost.
- You can save VFD data through USB cable on your system.
- Improve the grading quality.
- Energy Efficient.

Technical Data Type : MLG	UOM	MLG-01	MLG-02
Power Required	HP	1	1
Dimension (LxBxH)	MM	2865x665x820	3170x665x820
Dia of Indent Cylinder	MM	432	432
Length of Indent Cylinder	MM	2286	2286
Driving Mechanism	—	Belt Driver	Gear Driven
Weight (Approx.)	KG	265	275
*Capacity	TPH	0.8-1	0.8-1

Round Sifter

We offer Rice Shifter Machine which are used to separate different kinds of rice. Our machines are portable, occupy less space, consume less power and have high capacity. Our rice plan shifters are available in customized specifications and are provided with easy replaceable sieves.



FEATURES

- High yielding and strong separating capacity.
- Compacted structure and smooth operation.
- Sieves made of top quality stainless steel therefore it is robust and smooth.
- Easy adjustment and result of separation can be checked at any cost.
- Advance automatic operation technology.

MODEL	CAPACITY (t/h)	POWER (kw)
mm 100x4	2t/h	1.5 hp
mm 100x5	3t/h	2 hp
mm 112x5	4t/h	2.5 hp
mm 125x5	5t/h	2.5 hp
mm 150x50	6-7t/h	3.5 hp



Bucket Elevator

The Metalco Vertical Bucket Elevator (MBVE) is a mechanism for conveying flowable bulk materials mostly grain or fertilizer. A centrifugal discharge elevator may be vertical or inclined. Vertical elevators depend entirely on the action of centrifugal force to get the material into the discharge chute and must be run at speeds relatively high.

FEATURES

- Large top pressure relief panel.
- Heavy duty motor mount.
- Adjustable wiper belt.
- Engineered head shaft.
- Large boot hopper.



Belt Conveyor

The Metalco Belt Conveyor (MBC) is fabricated with the quality raw material, these conveyors are dynamically balanced for clean rotation and ensured efficiency in the process.

FEATURES

- Conveying of grains, oilseeds & derivatives.
- Application in bulk storage facilities & port terminals.
- Open, enclosed or roofed design versions.

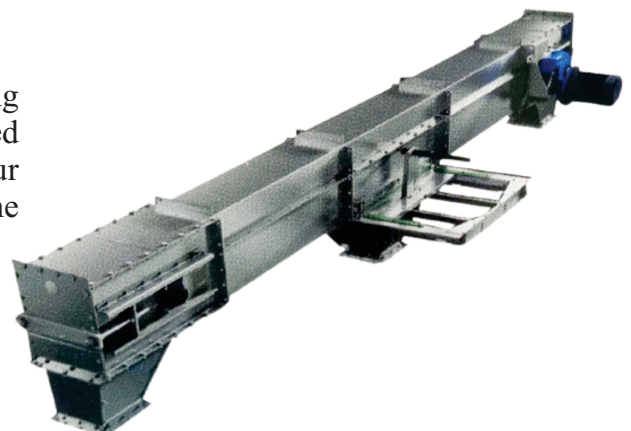


Chain Conveyor

The Metalco Chain Conveyor (MCC) is used to transporting bulk material from one location to another, which is placed horizontally inclined and Vertical position. Further, our offered conveyors are developed in accordance with the industry set guidelines.

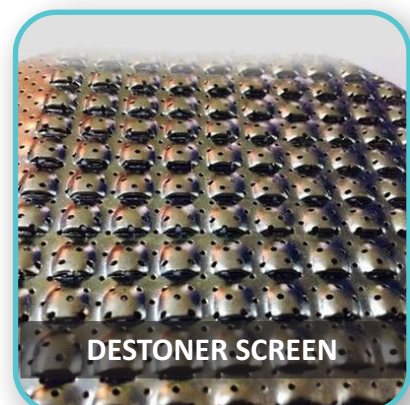
FEATURES

- Absolutely reliable operation due to rugged design.
- Optimized designed for excellent sanitation.
- Optimal design version for maximum flexibility.



***The Metalco Conveying systems are available in wide range of sizes & capacities.**

Our **spare part** category at a glance





Metalco Sales

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