

ISO
9001:2008
Certified Company



SINCE
1992



Zaheer Agro Engineering Works[®]

www.zaheeragroengineeringworks.in
www.zaheeragro.com

INTRODUCTION



Mr. MD. WASAY
CEO



Mr. ZAHEER AHMED
Managing Director

Brief Description of Organisation

An ISO 9001:2008 certified company. Engaged in the manufacturing and supply of a complete range of machineries for cleaning, grading, handling of different kinds of seeds, field crop, vegetables crop, grains, spices, pulses, oilseeds etc. Having engaged since two decades in state of art design fabrication manufacturing of agriculture seeds diversity grains processing line for different size & sort of agriculture seeds & other grains products processing companies.

Our extensive experience allows us to cater various agriculture seeds processing system using up to the mark engineering design & technical expertise, we also offer turnkey and customized solutions. We gratified to inform you we have supplied installed successfully over 250 plus lines for various seeds company across the length to the width of country with excellence after sales services and all are working up the bench mark satisfactory smooth & trouble free operation, down time maintenance and repairs also very minimal user friendly.

Our credential extend beyond experience, expertise and equipment's to high class development facilities at our works under the panel of selected technicians and experts whose innovative skills and workmanship are aimed at focusing Zaheer Agro Engineering Works machines as indicator of quality and reliability,

We have an excellent team to advance our product with ravages of the time, a core team of entrepreneurs having qualified engineers and top class experts with their vast experience and training contributes to the strength of executing considerable challenging jobs to the utmost satisfaction of the Client. Our design engineers and machinery builders have direct hands-on experience with the production process and thoroughly understand the exclusive demands of seeds cleaning & processing lines. With over 500 systems are in use across a wide range of applications processing sectors, thus improve our confident in our promise to deliver the total customer satisfaction.

Profile:

At Zaheer Agro we offer a widespread range of quality seed processing cleaning equipment machines that comprises machinery like Pre cleaner, Fine cleaner, Grader, Length Grader, Gravity Separator, Seed treater, Bucket elevators, Surge Bins, Doms, De-stoner, Conveyors & other handling equipment.

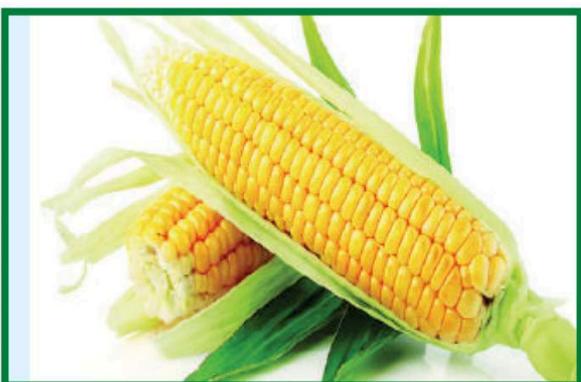
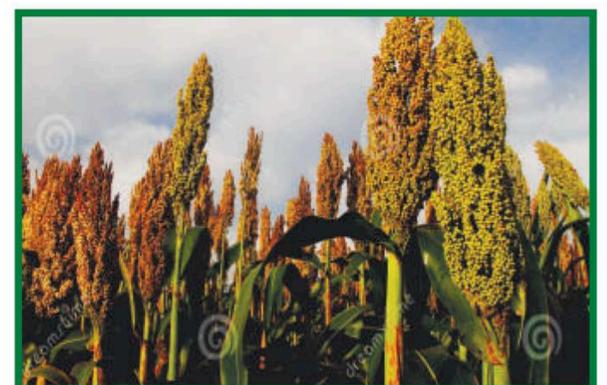
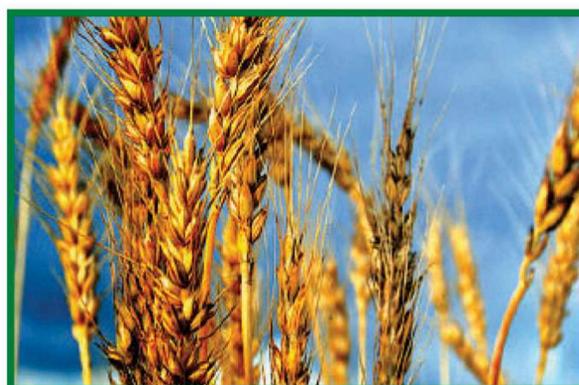
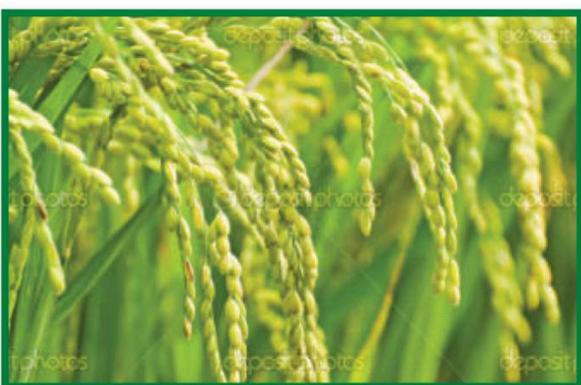
We Zaheer Agro further more provide extraordinary enactment machinery for grains processing sorting cleaning that cater various industries for different uses and applications in agriculture seeds, pulse mills, oil mills, flour mills, rice mills & commercial cleaning of various grains.

Zaheer Agro is becoming a world-wide leader in providing solutions for Grain Storage Silo System, Post Harvest Agricultural processing machinery for Seed and Grain, Grain conveying equipment.

Zaheer Agro has established leadership through its commitment to highest quality standards, superior performance, reliability, safety and durability. It has a modern manufacturing plant located at Sarangpur (Nizamabad - TS), India.

The manufacturing is supported by an advanced design set up with capability of three dimensional design layouts. New Product development is an on-going process to meet the continued enhancement of customer need. The company has a test bed to ensure that every new development is tested to meet the rigorous field conditions.

Specialized in Manufacturing of Seeds and Food Cleaning Machineries...



ACHIEVEMENTS



CNC MACHINE CUTTING & BENDING





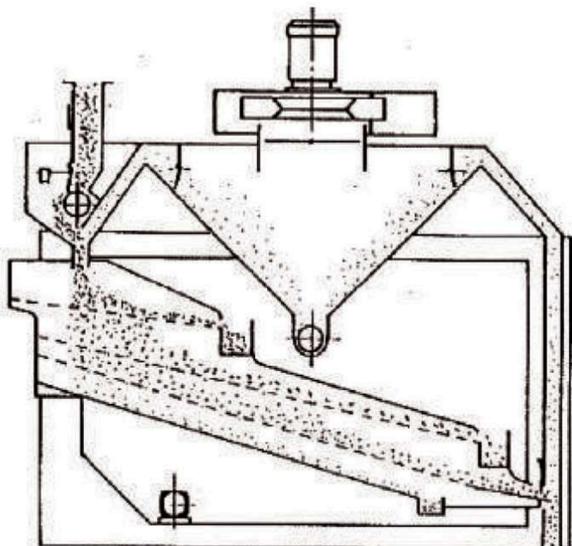
Zaheer Agro Engineering Works[®] Pre-Cleaner

The Zaheer Agro Pre-Cleaner Type ZP is intended to Master the pre-cleaning at intake plants. The ZP is also ideal to dress malting barely and milling grain to the highest quality commercial sample at a reduced throughput.

- ⦿ With inlet and feed roll, pre-aspiration, tail aspiration and waste outlet on the right hand side (While viewing from feed end)
- ⦿ With one sieve boat with one short screen layer (1 screen parts) one long grading screen layer (2 screen parts) and one long sand screen layer (2 screen parts)
- ⦿ With built-on fan, firm drive and motors
- ⦿ Incl. one set of screens (field perforated) + ball frames



***Capacities are based on wheat at max 18% moisture content and may vary depending on the amount of waste material**



Technical Data : Type ZP	UOM	ZP-4	ZP-6	ZP-8
Screen Size = 925 mm x W mm	mm	600	1005	1505
Screen Area	m ²	5.00	7.00	10.50
Motor, Fan	HP	5.00	5.00	7.5
Motor, Sieve boat	HP	1.5	2.0	2.0
Air Volume	m ³ / hr	6500	8000	8000
Cyclone dia (Not in our scope)	mm	1000	1200	1400
No.of Rubber Balls /Machine	Pcs	600	800	1043
Length of Bottom Frame	mm	2760	2760	2760
Width of Bottom Frame	mm	920	1220	2200
Machine Ht. Without Fan	mm	2560	2560	2560
Fan Height	mm	715	715	715
Capacity* Pre Cleaning on Paddy	Ton/Hr	3-5	8-10	12-15



Zaheer Agro Engineering Works[®] Fine-Cleaner

The Zaheer Agro Fine-Cleaner Type ZF is used for fine cleaning and grading of light and heavy seeds, cereals, and granular materials. The machine is manufactured in accordance with good quality principles, in a functional design, incorporating many excellent features. A machine with eminent ability to clean, and still very easy to operate.

Construction

The Zaheer Agro Engineering Type ZF is a top quality machine, as regards the standard of workmanship, the finish, as well as the quality of materials. The frame is made of profied steel and the sieve boats of the finest waterproof laminated wood. This combination secures both long life and low noise level.

Optional Equipment

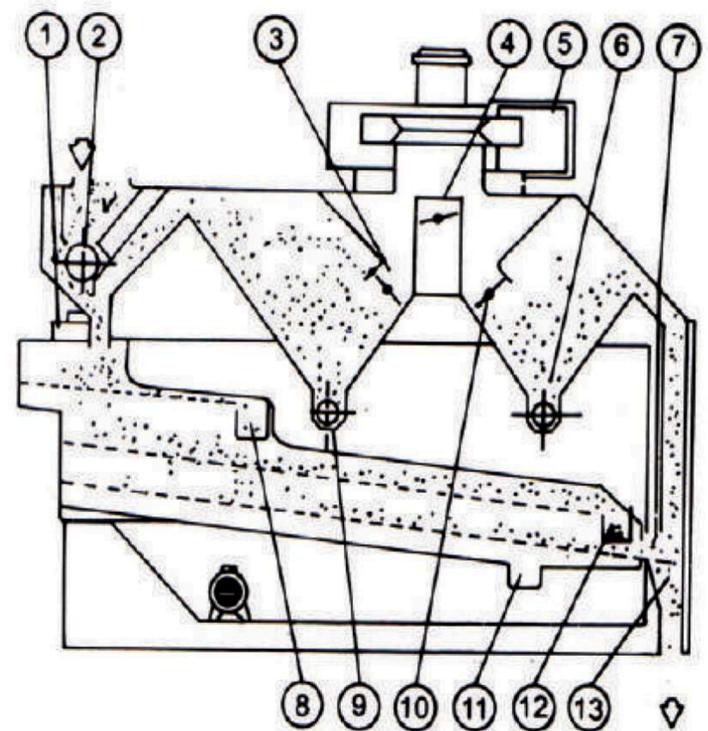
The Zaheer Agro Engineering Type ZF can be equipped to suit a variety of special jobs and purpose e.g. sieve boats with four sieve layers, and variable speed. Consult Zaheer Agro Engineering for further information.



Technical Data : Type ZF	UOM	ZF-2	ZF-4	ZF-6
Screen Size = 925 mm x W mm	mm	280	730	1180
Screen Area	m2	3.50	7.50	11.50
Motor, Fan	HP	5.00	5.00	7.5
Motor, Sieve boat	HP	1.5	2.00	2.00
Air Volume	m3/ hr	6500	6500	8000
Cyclone dia (Not in our scope)	mm	1400	1400	1400
No.of Rubber Balls /Machine	Pcs	740	740	840
Length of Bottom Frame	mm	2910	2910	2910
Width of Bottom Frame	mm	1560	1880	2200
Machine Ht. Without Fan	mm	1990	1990	1990
Fan Height	mm	760	760	760
Capacity* ZF Cleaning on Wheat	Ton/Hr	1.0-1.5	2.8-3.2	4.3-4.8
Capacity* ZF Cleaning on Paddy	Ton/Hr	1.00	2.00	4.00

***Capacities are based on wheat at max 18% moisture content and may very depending on the amount of waste material**

- | | |
|----------------------------------------|------------------------------------------|
| 1. Capacity regulator | 7. Material thickness control |
| 2. Feed roller | 8. Overflow from scalper screen |
| 3. Adjusting device for pre-aspiration | 9. Light air-separated waste |
| 4. Main air control | 10. Adjusting device for tail aspiration |
| 5. Aspiration fan | 11. Through from middle screen |
| 6. Heavy air-separated waste | 12. Overflow from middle screen |
| | 13. Tail aspiration channel |





Zaheer Agro Engineering Works[®] Gravity Separator

The Machine is specifically meant for removing impurities and achieving very high grading quality in any free flowing granular material, grains all types of seeds, spices, etc. It removes the impurities and upgrades the material on the principle of specific weight.

Salient Features

- ⊙ Rectangular Deck for greater capacity and accuracy, quickly & easily interchangeable type.
- ⊙ Fans are dynamically balanced with individually adjustable air control for each fan for precise control of air flow.
- ⊙ All the fans are mounted on one common shaft.
- ⊙ Variable oscillation speed of deck in wide range.
- ⊙ Deck assembly is rested on four specially designed levers with bearings for smooth and trouble free operation.
- ⊙ Variable inclination of deck side wise and length wise in wide range.
- ⊙ Seed collecting spouts are fitted with bag holding clamps.
- ⊙ Eccentrics are counter balanced giving smooth oscillation to the deck.
- ⊙ Miniature feeding hopper with variable feeding rate through controlled gate.
- ⊙ Built in air filters can be easily removed for easy access to the moving parts



Optional Accessories

- ⊙ Additional Deck meant for small seeds, like vegetables seeds, grass seeds, flower seeds etc.
- ⊙ Surge bin/buffer hopper.
- ⊙ Vibratory feeder for non-free flowing grains.
- ⊙ Canopy dust system including hood to cover part of the deck, connecting duct, cyclone dust collector with integral fan.

Technical Specifications	ZG-2	ZG-4	ZG-6
Capacity	1 to 1.5 ton per hour	2 ton per hour	4 ton per hour
No. of Fans	3	5	7
Size of Deck (cms) WxL	800x1580	1055x2340	1200x3000
Type of Deck	Rectangular Type	Rectangular Type	Rectangular Type
Electric Drive	5HP	7.5 HP	10HP
Crompton Motor	3Ph. 50 Cycle AC Supply	3 Ph. 50 cycle AC supply	3ph.50 cycle Ac supply
VFD Vibro Model	1.5 HP	2.0 HP	2.0 HP

Zaheer Agro Engineering Works[®] Vibro Destoner ZD

All Steel Construction, CNC Machined equipped with heavy guage. The Basic Principle of the Vibro Destoner ZD model involves flowing dry granular material over an included, vibro system screen covered deck. Heavy particles such as stones, glass, metal etc., remain in contact with the vibrating deck and travel uphill discharging opposite the light material.

Specifications

Vibro Destoner ZD	ZD-2	ZD-4
Vibro Motors	1 HP	1 HP
Crompton Motor Fan	7.5 HP	10 HP
Aspiration cyclone with airlock	1 No.	1 No.
Geared motor 1 HP & coupling	1 No.	1 No.
G.I 22 swg ducting	1 Set	1 Set



Zaheer Agro Engineering Works[®] DE - Stoner

All steel construction, equipped with heavy guage. The basic principle of the DE-Stoner involves flowing dry granular material over an included, vibrating, screen covered deck, Heavy particles such as stones, glass, metal etc., remain in contact with the vibrating deck and travel uphill discharging opposite the light material.

Specifications

MODEL NO.	4040	6060
Deck Size (mm)	1220x1220	1525x1220
Overall Dimensions (mm) Length	1550	1550
Width	1335	1640
Height (Variable)	1540	1540
VFD Vibro Model	2.0 HP	2.0 HP
Blower (Crompton Motor)	3.0 HP	5.0 HP



All steel construction equipped with heavy guage, slurry tank and seed hopper. Among of other advanced features are the seed weighing mechanism with synchronized seed dump pan, gear box, variable capacity slurry cups, mixing chamber with rotating auger, mounting frame for bagging off height, 2-way bagger valve at discharge end.



Specifications

Capacity	4 Ton / Hr
Electric Power	3HP, 3 phase. 50 c/s, 440V
Size with Mounting Frame	152x91x199 cms (LxBxH)
Gear Box Tank	1 HP

WHEAT



SEASAME



MUSTARD





Zaheer Agro Engineering Works[®]

Fine - Cleaner ZF- Zeta Model 8TPH

The Zaheer Agro Fine-Cleaner Type ZF - Zeta Model is used for fine cleaning and grading of light and heavy seeds, cereals and granular materials. The machine is manufactured in accordance with good quality principles, in a functional design, incorporating many excellent features. A machine with eminent ability to clean, and still very easy to operate, giving very less quantity of low grade material. It is designed as such to be sound proof, Eco Friendly along with innovative features competing the advanced technology of modern era

Construction

The Zaheer Agro Engineering Type ZF - Zeta Model is a top quality machine, as regards the standard of workmanship, the finish, as well as the quality of materials. The frame is made of profied steel and the sieve boats of the finest waterproof laminated wood.

Optional Equipment

The Zaheer Agro Engineering Type ZF - Zeta Model can be equipped to suit a variety of special jobs and purpose e.g. sieve boats with Seven & Fourteen layers, and variable speed. Consult Zaheer Agro Engineering Works for further information.

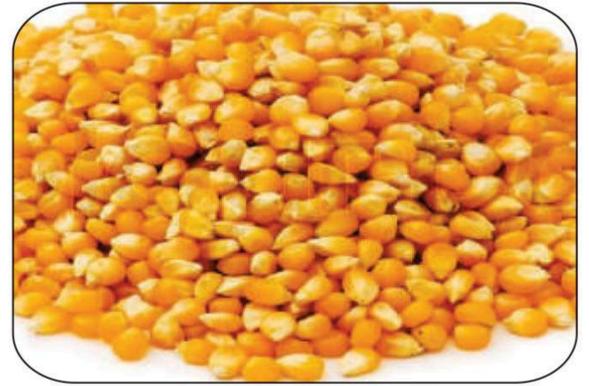
Technical Data for Fine Cleaner ZF- Zeta Model

Sl.No.	Technical Data	UOM	5 to 6 TPH	6 to 8 TPH
1	Screen Size L=1000 mm xW mm	mm	1000	1500
2	Screen Area	Sq.m	5	7.5
3	Motor, Fan	HP	7.5	7.5
4	Motor, Screen System	HP	1.5	2.0
5	Air Volume	Cu.m/Hr	6500	8000
6	Cyclone Dia (Recommended)	mm	1200	1400
7	Number of Balls / Machine	Pcs	840	1080







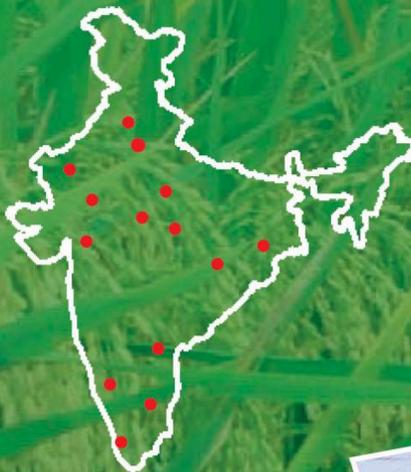




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Zaheer Agro Engineering Works[®]

B-1 Unit, Industrial Estate, Sarangapur - 503 186,
Nizamabad - Dist (T.S)

Cell: + 91 98494 10254, 8801150638
Ph : 08462-273609 Email : zaheer.agro@gmail.com

www.zaheeragroengineeringworks.in
www.zaheeragro.com