



S.K EDUTECH & AGRO INDUSTRIES

Marching towards Excellence

Products Catalog



- Manufacturer of:-**
- Seed Grader
 - Gravity Separator
 - Destoner
 - Screw & Belt Conveyor
 - Grain Dryer
 - Bucket Elevator
 - Atta Plant
 - Daal Mill Plant
 - Pneumatic & Hydraulic Training kits

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SK's Pre-Cleaner

Special Features

- This is a multipurpose machine, suitable for pre-cleaning of all types of seeds/Grains such as cereals, pulses and oil seeds.
- Brush arrangement for cleaning of all the screens of machine. This improves grading efficiency throughout the working time of machine. As cleaning of screens by brush keeps the screen clean this gives constant output and quality grading of grains and seeds.
- Machine is dynamically balanced hence smooth working.
- Blower is also dynamically balanced hence work smoothly.
- Two aspirations are provided for better removal of light impurities at entry and exit.

| | |
|--|--|
| Machine Name | SK'S PRE-CLEANER |
| Capacity (TPH) (Specified on wheat basis) | 15-20 TON PER HOUR on wheat basis. |
| No. of Screens | Three screens.(One oversize removing screen, one Scalping screen and one grading screen) |
| Extra oversize removing screen size | 1500 x 800 (1 Nos.) |
| Width x Length (mm) | |
| Scalping Screen size | 1500 x 2300 (1 Nos.) |
| Width x Length (mm) | |
| Grading Screen size | 1500 x 2300 (1 Nos.) |
| Width x Length (mm) | |
| Overall Dimension- -L x H x W (mm) | 3200 x 3500 x 2500 |
| Gross Volume (M ³) | 28 M ³ |
| Electric Drive – *Boat and Screen Oscillation, Screw ,feeder: *Blower:- | 3 HP, 3 Phase, 440V 10 HP, 3 Phase, 440V |



SK's Vardaan Seeds / Grains Cleaner cum Grader

Special Features

- Screen boat is light weight.
- One scalping screen and two layers of grading screens.
- Screen changing is just a matter of two minutes.
- Screen cleaning is done by nylon brushes.
- The nylon brush bristles are fitted in aluminum gripper.
- Blower and overall machine is dynamically Balanced hence no vibrations.
- All settings like air, Seed feed rate can be set easily.
- Negligible noise of machine because of smooth working of machine.
- Machine can be easily cleaned within 5 minutes change in variety of Seed to be processed.
- Drive motor are of standard make.

| Model | Capacity (on wheat basis) | Motor Drive | Screen Size in mm (WxL) | Overall Machine Dimensions in mm (LxWxH) |
|-----------|------------------------------|----------------|--|--|
| VGR- 0.5T | 500 to 700 kg/Hr. | 2 HP | 1-Scalping screen (1Nos)- 450x700 2- Grading screens (2 Nos)- 450x700 | 1750x700x1800 |
| VGR- 1T | 1000kg/Hr. | 5 HP | 1-Scalping screen (1Nos)- 600x900 2- Grading screens (2 Nos)- 600x1000 | 2100x900x2000 |
| VGR- 2T | 2000kg/Hr. | 7.5 HP | 1-Scalping screen (1Nos)- 900x1100 2- Grading screens (2 Nos)- 900x1300 | 2450x1100x2200 |

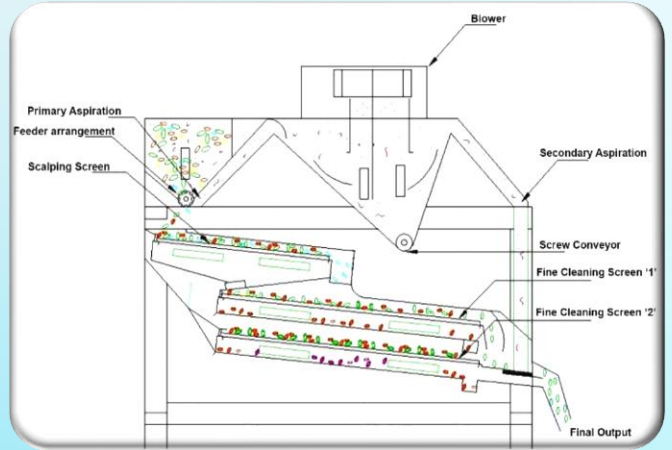


SK's Air Seed Cleaner Cum Grader

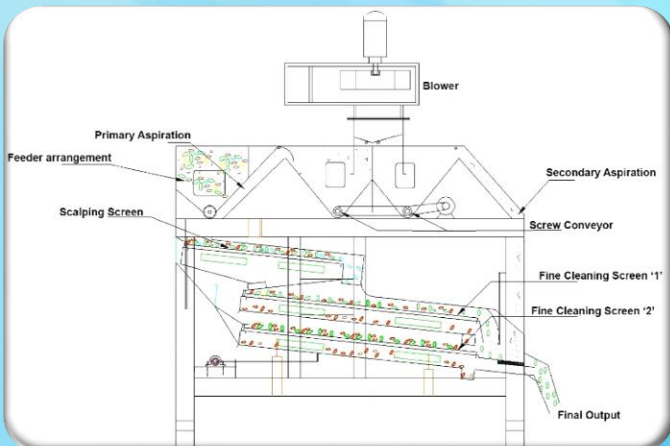


Special Features

- This machine is suitable for Grading of all Grains/seeds such as cereals, pulses, barley, Vegetables, paddy, and maize and oil seeds.
- Machine & its blower is dynamically balanced hence smooth working.
- Brush arrangement for cleaning of all the screens of machine. This improves grading efficiency throughout the working time of machine. As cleaning of screens by brush keeps the screen clean this gives constant output and quality grading of grains and seeds.



| Model | Capacity (on wheat basis) | Motor Drive | | Screen Size in mm (WxL) | | | Overall Machine Dimensions in mm (LxWxH) |
|------------|------------------------------|---------------------------------|--------|----------------------------|-----------------------|--------------------------|---|
| | | Boat & Screen oscillation | Blower | Top Scalping Screen | Middle Grading Screen | Bottom Grading Screen | |
| SKASSC-1 T | 1 Ton/Hr. | 2 HP | 3 HP | 600 x 700 mm | 600 x 1200 mm | 600 x 1200 mm | 2100x2300x1300 mm |
| SKASSC-2 T | 2 Ton/Hr. | 2 HP | 5 HP | 900 x 900 mm | 900 x 1500 mm | 900 x 1500 mm | 3000x2100x1500 mm |
| SKASSC-4 T | 4 Ton/Hr. | 3 HP | 10 HP | 1200 x 1200 mm | 1200 x 2000 mm | 1200 x 2000 mm | 3000x2400x1500 mm |



SK's Gravity Separator



Special Features

- Easy adjustment of deck speed while machine is in working.
- Machine is light weight and easy for Installation.
- Blowers and machine is dynamically balanced.
- Deck slopes, air flow adjustment is very easy.
- For change in Seed/Grain variety machine and cleaning is very easy and is matter of 5 minutes.
- Less machine sound.
- Spring steel strips are used for oscillation has no maintenance.

| Model | Capacity (on wheat basis) | Motor Drive | Deck Size in mm (WxL) | No. of Fans |
|----------|---------------------------|-------------|-----------------------|-------------|
| VGS-0.5T | 500 to 700 kg/Hr. | 2 HP | 620x970 mm | 2 Fans |
| SKGS- 1K | 1000 kg/Hr. | 5 HP | 750x1350 mm | 3 Fans |
| SKGS- 2K | 1500 to 2000 kg/Hr. | 7.5 HP | 1000x2100mm | 5 Fans |
| SKGS- 4K | 4000 kg/Hr. | 10 HP | 1100x3000mm | 7 Fans |

SK's Destoner



Special Features

- Removes sand stones effectively.
- Easy to adjust speed, air, deck angle even machine is in working condition without stopping.
- Smooth working

| Model | Capacity (on wheat basis) | Motor Drive |
|-----------|---------------------------|-------------|
| VDS- 0.5T | 500 to 700 kg/Hr. | 3 HP |
| VDS- 1T | 1000 kg/Hr. | 5 HP |
| SKDS-2K | 2000 kg/Hr. | 7.5 HP |
| SKDS-4K | 4000 kg/Hr. | 7.5 HP |

SK's Magnetic Destoner



Special Features

- Magnetic Destoner removes Mud ball 100%.
- Smooth Working.
- Motors are of Standard make.
- Machine is light weight and easy for Installation.

| Model | Capacity (on wheat basis) | Motor Drive |
|-----------|---------------------------|-------------|
| MDS- 0.5T | 500 to 700 kg/Hr. | 0.5 HP |
| MDS- 1T | 1000 kg/Hr. | 0.5 HP |
| MDS-2K | 2000 kg/Hr. | 1 HP |
| MDS-4K | 4000 kg/Hr. | 1 HP |

SK's Mini Grader



Special Features

- Screen boat is light weight.
- One scalping screen and One layer of grading screens.
- Screen changing is just a matter of two minutes.
- Negligible noise of machine because of smooth working of machine.
- Machine can be easily cleaned within 5 minutes for change in variety of Seed/grains to be processed.



| Model | Capacity (on wheat basis) | Motor Drive | Screen Size in mm (LxW) | Overall Machine Dimensions in mm (LxWxH) |
|------------|---------------------------|-------------|--|--|
| MVGR-0.25T | 250kg/Hr. | 0.5 HP | 1-Scalping screen (1Nos)- 570x430 2-Grading screens (1Nos)- 570x430 | 1180x720x1160 |

SK's Wheat Tusi Roller



Special Features

- Breaks mud balls in wheat effectively and separate through screen provided in machine.
- Removes wheat grain loose cover called Tusi cover.
- It gives shiny polish to wheat and other grains.



| Model | Capacity (on wheat basis) | Motor Drive |
|----------|---------------------------|-------------|
| WTR-0.5T | 500 to 700 kg/Hr. | 3 HP |
| WTR-1T | 1000 kg/Hr. | 3 HP |
| WTR-2T | 2000 kg/Hr. | 5 HP |
| WTR-4T | 4000 kg/Hr. | 7.5 HP |

SK's Bucket Elevator



Special Features

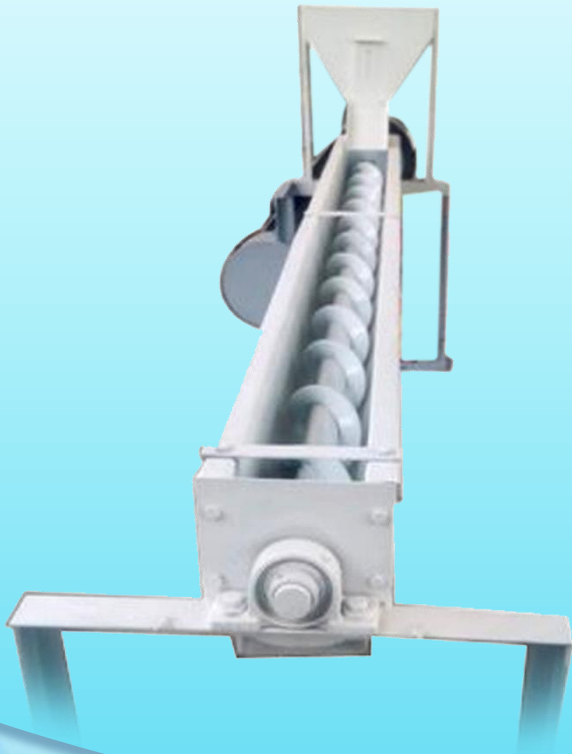
- Easy arrangement for feed control flap operation.
- Smooth working.
- Protection guards provided at all drive system hence safe for working.
- Belt tightening arrangement is very easy and trouble free.
- Easy cleaning at boot section as cleaning tray is provided.
- Bucket at bottom don't allow any material to remain in boot section.
- Belt is canvas belt hence longer life.
- Buckets are nylon made hence no corrosion and Long life.
- Drives Motor of standard make.



| Model | Conveying Capacity (on wheat basis) | Motor Drive | Elevator Height (In feet) |
|--|-------------------------------------|-------------|---------------------------|
| VBE-100 | 800 kg/Hr. | 0.5 HP | As per requirement |
| SKBE- 1K | 1000 kg/Hr. | 1 HP | |
| SKBE- 2K | 2000 kg/Hr. | 2 HP | |
| SKGS- 4K | 4000 kg/Hr. | 2 HP | |
| DBE-100 Twin Elevator | 800 to 4000kg/Hr. | 0.5 to 2 HP | |
| SK's Bucket Elevator Deluxe (For bin (Atta plant)) | 800 to 4000 kg/Hr | 0.5 to 2 HP | |

SK's Daal/Grain Polisher Screw Conveyor

| Model | Conveying Capacity | Motor Drive | Overall Length In mm |
|--------|-----------------------------------|-------------|--------------------------|
| GPS-1T | 1000 Kg/Hr. Conveying Capacity | 1 HP | According to requirement |



Special Features

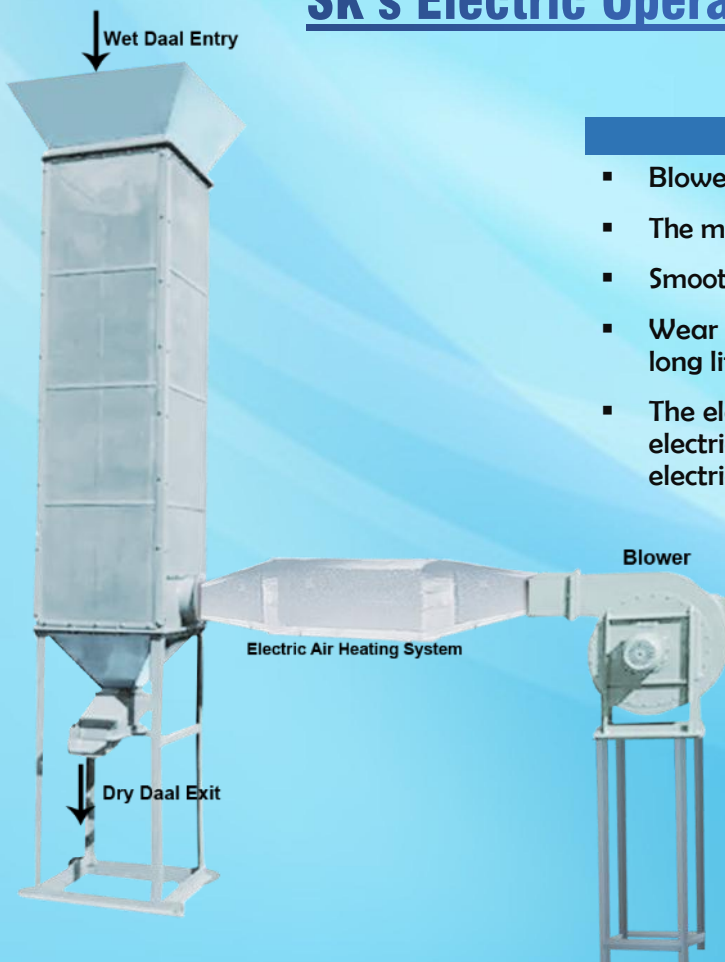
- Maintenance free.
- Easy to change roll.
- Setting very easy.
- User Friendly Working.
- More recovery of final Dal.

SK's Daal (Toor) Mill Touching Roll Machine



| Model | Touching Capacity | Motor Drive |
|----------|-----------------------------------|-------------|
| DTR-0.5T | 500kg Toor/ Daal touching per Hr. | 5 HP |

SK's Electric Operated Daal / Grain Dryer



Special Features

- Blower is dynamically balanced hence work smoothly.
- The machine ensures removal of moisture of Daal / Grains.
- Smooth flow of Daal / Grains ensures uniform drying.
- Wear and rust resistant screens are provided hence ensures long life.
- The electrical heating unit for air heating is properly electrically and heat insulated. This ensures safety from electrical and heat shocks.

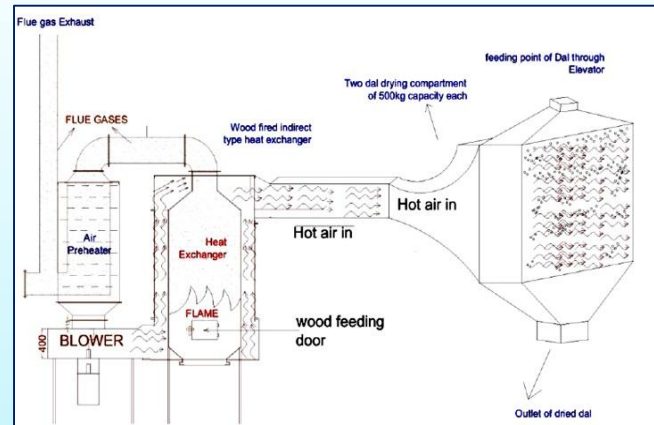
| Model | Drying Capacity | Motor Drive |
|-----------|--------------------------------|---|
| SKSD-0.5K | 500 kg/Hr. (on wheat basis) | <ul style="list-style-type: none"> • 2 HP, 440V or 230V Standard Make for blower. • Fin-type Electrical heaters of 5kW. |

SK's Wood Fired Daal / Grain Dryer

Special Features

- Temperature sensor is provided to avoid overheating of dal/grain.
- Auto ON/OFF arrangement for firing blower.
- Energy efficient and smooth working.

| Model | Drying Capacity | Motor Drive |
|--------|---|--|
| VDR-1T | 1000 kg/Hr. (500kg/Hr. each compartment) | 1) Hot air Blower-3 HP 2) Firing Blower-0.5HP |



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