



# 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 <sup>3</sup> )	28 M <sup>3</sup>
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





# 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 Gravity Separator

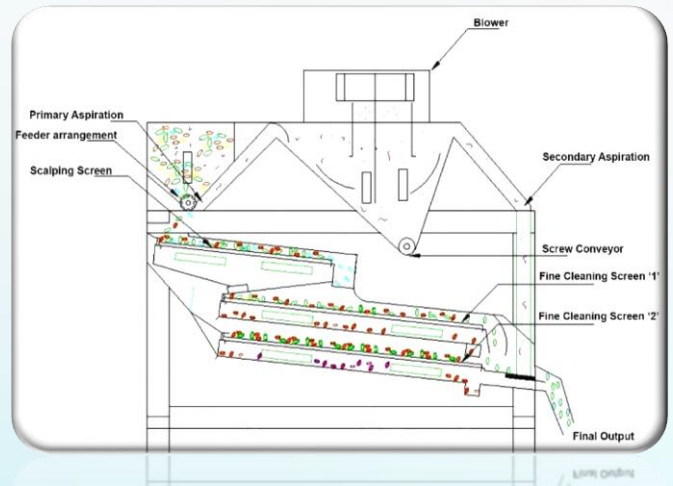


## Special Features

- 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

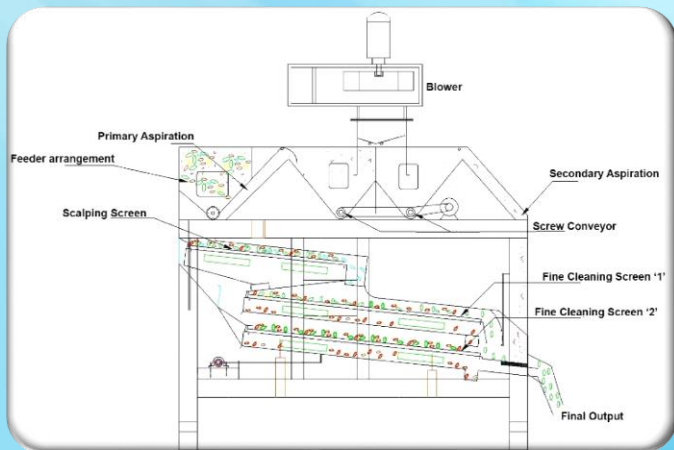
# SK's Air Seed Cleaner Cum Grader



## 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 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	Overall Machine Dimensions in mm (LxWxH)
WTR-0.5T	500 to 700 kg/Hr.	3 HP	1000x525x1200
WTR-1T	1000 kg/Hr.	3 HP	1000x525x1200
WTR-2T	2000 kg/Hr.		
WTR-4T	4000 kg/Hr.		

# 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



## SK's Daal (Toor) Mill Touching Roll Machine



## Special Features

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

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

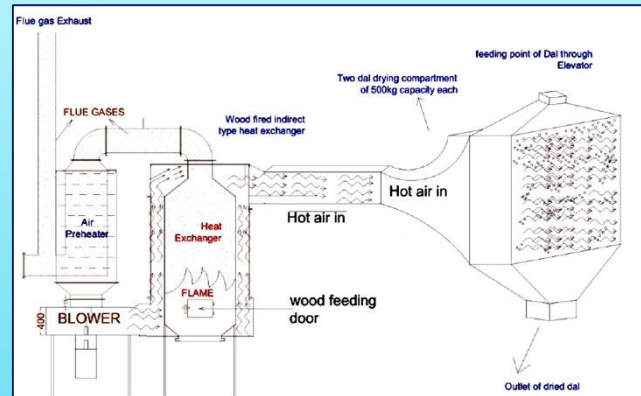
# SK's Wood Fired Daal / Grain Dryer



## Special Features

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

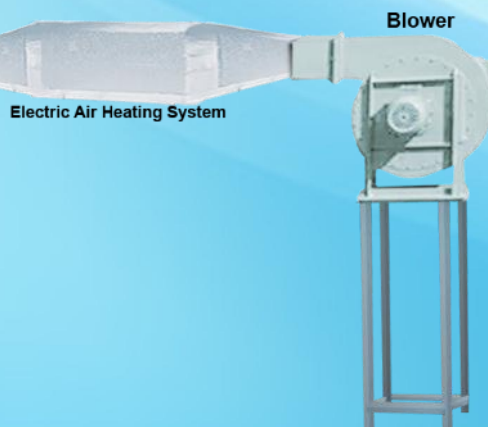
Model	Drying Capacity	Motor Drive
VDR-1T	1000 kg/Hr. (500kg/Hr. each compartment)	1) Hot air Blower-3 HP 2) Firing Blower-0.5HP



# 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"> <li>• 2 HP, 440V or 230V Standard Make for blower.</li> <li>• Fin-type Electrical heaters of 5kW.</li> </ul>