



S.K EDUTECH & AGRO INDUSTRIES

Marching towards Excellence

Vardaan

Seeds / Grains Cleaning cum Grading Plant



Manufacturer of:-

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

Contact:

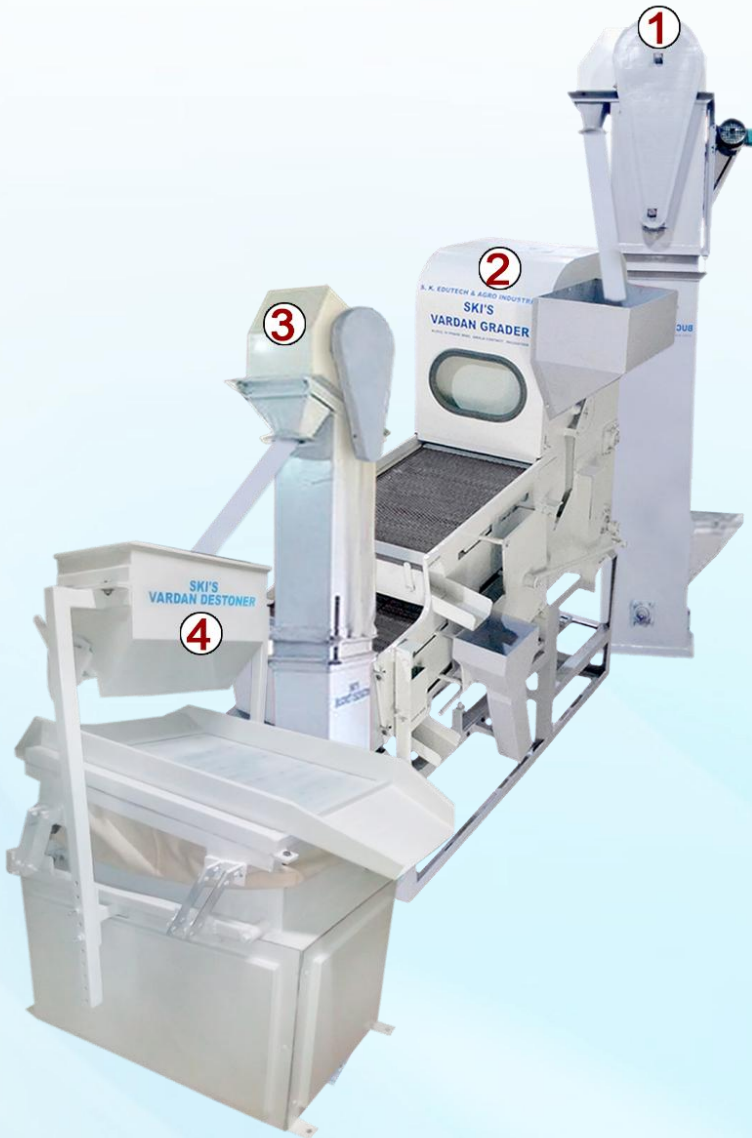
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SK's Vardaan Basic

Seed/Grain Cleaning cum Grading Plant-(Model: VB-0.5T) & (Model: VB-1T)



Special Features

- Power requirement is very less.
- Space required is very less.
- Machinery is light weight and easy for fitting.
- Negligible noise of machine because of smooth working of machine.
- Drive motor are of standard make.
- All the units are dynamically balanced hence no vibrations.
- All settings like air, Grain feed rate can be set easily.

Working of Plant

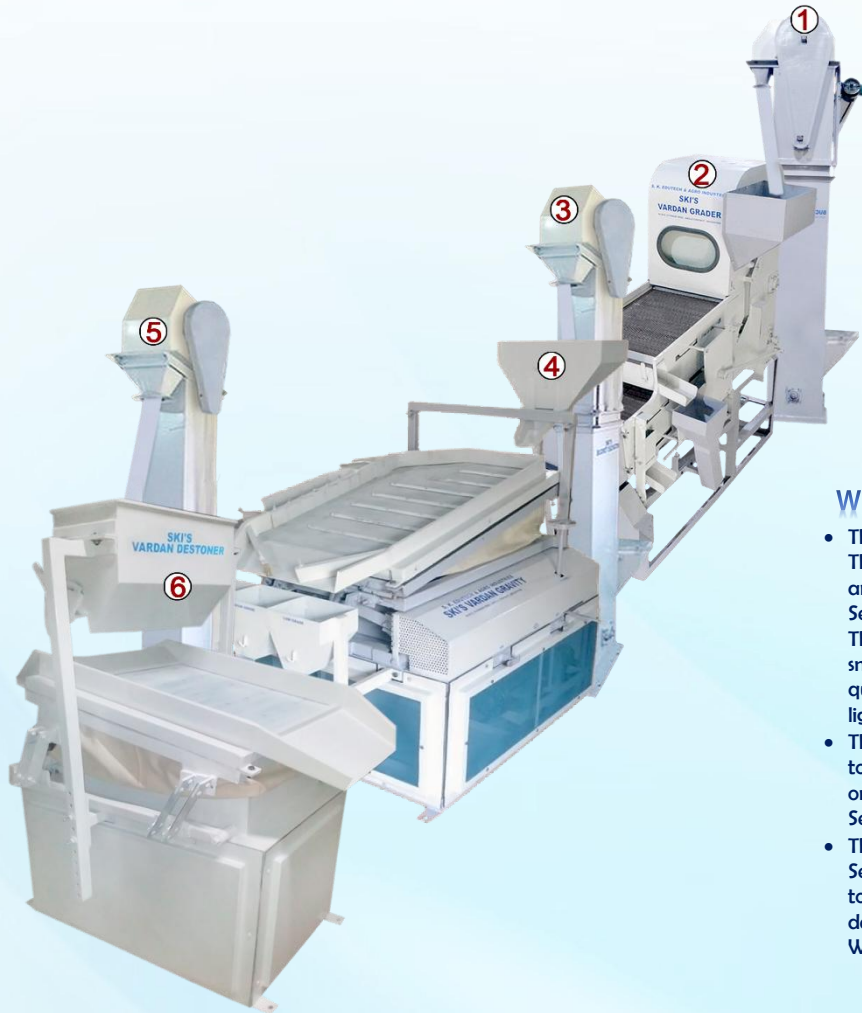
- The elevated Seeds/Grains through elevator are fed to hopper of grader. Through hopper it enters to aspiration chamber, the dust and light impurities are sucked from the raw Seeds/Grains by blower suction. Through aspiration Seeds/Grains are fed to scalping screen where large impurities are separated.
- The Seeds/Grains are now distributed on two layers of grading screen where small size impurities and Seeds/Grains are separated by screening and get good quality Seeds/Grains of same size at machine outlet. Grader Removes all dust, light impurities, Broken, immature Seeds/Grains and large impurities.
- The grader Seeds/Grains still consists of small stones hence the output Seeds/Grains from grader is elevated through elevator and are fed to Destoner Machine hopper. Through hopper it is fed to oscillating fluidized deck. The stones are separated from Seeds/Grains by weight on fluidized deck. We get clean Seeds/Grains out of Destoner.



Plant Model	Plant Unit No.	Unit	Capacity	Electric Motor Drive	Qty.
SK's Vardaan Basic Seed / Grain Cleaning cum Grading Model:- VD-0.5 T Capacity:- 500Kg/ Hr.	1,3	SK's Bucket Elevator SKBE- VBE-100	800 kg/Hr.	0.5 HP	2
	2	SK's Vardan Grader VGR- 0.5T	500 to 700 kg/Hr.	2 HP	1
	4	SK's Vardaan Destoner VDS- 0.5 T	500 kg/Hr.	3 HP	1
SK's Vardaan Basic Seed / Grain Cleaning cum Grading Model:- VD-1.0 T Capacity: - 1000Kg/ Hr.	1,3	SK's Bucket Elevator SKBE- VECO 100	1000Kg/Hr.	1 HP	2
	2	SK's Vardan Grader SKGR –VECO-1K	1000 Kg/Hr.	5 HP	1
	4	SK's Vardaan Destoner SKDS- VECO-1 K	1000 Kg/Hr.	5 HP	1

SK's Vardaan Deluxe

Seed/Grain Cleaning cum Grading Plant (Model: VD-0.5T) & (Model: VD-1T)



Special Features

- 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.
- Buckets are nylon made hence no corrosion and long life.
- Drive motor are of standard make.
- All the units are dynamically balanced hence no vibrations.
- Easy to adjust Destoner speed, air, deck angle even machine is in working condition without stopping.

Working of Plant

- The elevated Seeds/Grains through elevator are fed to hopper of grader. Through hopper it enters to aspiration chamber, the dust and light impurities are sucked from the raw Seeds/Grains by blower suction. Through aspiration Seeds/Grains are fed to scalping screen where large impurities are separated. The Seeds/Grains are now distributed on two layers of grading screen where small size impurities and Seeds/Grains are separated by screening and get good quality Seeds/Grains of same size at machine outlet. Grader Removes all dust, light impurities, Broken, immature Seeds/Grains and large impurities.
- The Seeds/Grains are fed to gravity machine hopper. Through hopper it is fed to oscillating fluidized deck. The Seeds/Grains are separated as per their weight on fluidized deck. Removes light impurities and Grain insect ridden Seeds/Grains from good quality Seeds/Grains.
- The grader Seeds/Grains still consists of small stones hence the output Seeds/Grains from Gravity machine is elevated through elevator and are fed to Destoner Machine hopper. Through hopper it is fed to oscillating fluidized deck. The stones are separated from Seeds/Grains by weight on fluidized deck. We get clean Seeds/Grains out of Destoner.



Plant Model	Plant Unit No.	Plant Unit	Capacity	Electric Motor Drive	Qty.
SK's Vardaan Deluxe Seed / Grain Cleaning cum Grading Model:- VD-0.5 T Capacity:- 500Kg/ Hr.	1,3,5	SK's Bucket Elevator SKBE- VBE-100	800 kg/Hr.	0.5 HP	3
	2	SK's Vardan Grader VGR- 0.5T	500 to 700 kg/Hr.	2 HP	1
	4	SK's Vardaan Gravity VGS- 0.5T	500 to 700 kg/Hr	2 HP	1
	6	SK's Vardaan Destoner VDS- 0.5 T	500 kg/Hr.	3 HP	1
SK's Vardaan Super Deluxe Seed / Grain Cleaning cum Grading Model:- VD-1.0 T Capacity:- 1000Kg/ Hr.	1,3,5	SK's Bucket Elevator SKBE- VECO 100	1000Kg/Hr.	1HP	3
	2	SK's Vardan Grader SKGR -VECO-1K	1000 Kg/Hr.	5 HP	1
	4	SK's Vardaan Gravity SKGS-VECO - 1K	1000 Kg/Hr.	5 HP	1
	6	SK's Vardaan Destoner SKDS- VECO-1 K	1000 Kg/Hr.	5 HP	1

SK's Vardaan Super Deluxe

Seed/Grain Cleaning cum Grading Plant (Model: VSD-0.5T) & (Model: VSD-1T)



Special Features

- Drive motor are of standard make.
- All the units are dynamically balanced hence no vibrations.
- Easy to adjust Destoner speed, air, deck angle even machine is in working condition without stopping.
- Destoner removes sand stones effectively.
- Power requirement is very less.
- Space required is very less.
- Machinery is light weight and easy for fitting.
- The labor is required only to feed Seed/Seeds/Grains at first elevator hopper.
- Easy arrangement for feed control flap operation.
- Machine is light weight and easy for Installation.

Working of Plant

- The elevated Seeds/Grains through elevator are first to Tusi Roller/Polisher which Breaks mud balls in Seeds/Grains effectively and separate through screen provided in machine. Removes wheat grain loose cover called Tusi cover. It gives shiny polish to wheat and other Seeds/Grains then Seeds/Grains are fed to hopper of grader. Through hopper it enters to aspiration chamber, the dust and light impurities are sucked from the raw Seeds/Grains by blower suction.
- Through aspiration Seeds/Grains are fed to scalping screen where large impurities are separated. The Seeds/Grains are now distributed on two layers of grading screen where small size impurities and Seeds/Grains are separated by screening and get good quality Seeds/Grains of same size at machine outlet. Grader Removes all dust, light impurities, Broken, immature Seeds/Grains and large impurities.
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- The grader Seeds/Grains still consists of small stones hence the output Seeds/Grains from Gravity machine is elevated through elevator and are fed to Destoner Machine hopper. Through hopper it is fed to oscillating fluidized deck. The stones are separated from Seeds/Grains by weight on fluidized deck.



Plant Model	Plant Unit No.	Unit	Capacity	Electric Motor Drive	Qty.
SK's Vardaan Super Deluxe Seed / Grain Cleaning cum Grading Model:- VSD-0.5 T Capacity:- 500Kg/ Hr.	1,4,6	SK's Bucket Elevator SKBE- VBE-100	800 kg/Hr.	0.5 HP	3
	2	SK's Tusi Roller / Polisher Model W/TR- 0.5T	500 to 700 kg/Hr	3 HP	1
	3	SK's Vardaan Grader VGR- 0.5T	500 to 700 kg/Hr.	2 HP	1
	5	SK's Vardaan Gravity VGS- 0.5T	500 to 700 kg/Hr	2 HP	1
	6	SK's Vardaan Destoner VDS- 0.5 T	500 kg/Hr.	3 HP	1
SK's Vardaan Super Deluxe Seed / Grain Cleaning cum Grading Model:- VSD-1.0 T Capacity: - 1000Kg/ Hr.	1,4,6	SK's Bucket Elevator SKBE- VECO 100	1000Kg/Hr.	1HP	3
	2	SK's Tusi Roller / Polisher Model W/TR- 1T	1000Kg/Hr.	3HP	1
	3	SK's Vardaan Grader SKGR -VECO-1K	1000 Kg/Hr.	5 HP	1
	5	SK's Vardaan Gravity SKGS-VECO - 1K	1000 Kg/Hr.	5 HP	1
	6	SK's Vardaan Destoner SKDS- VECO-1 K	1000 Kg/Hr.	5 HP	1

* Due to continuous upgradation, the dimensions and some specification are subjected to change.