



S.K EDUTECH & AGRO INDUSTRIES

Marching towards Excellence

Hitech

Seed / Grain 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:

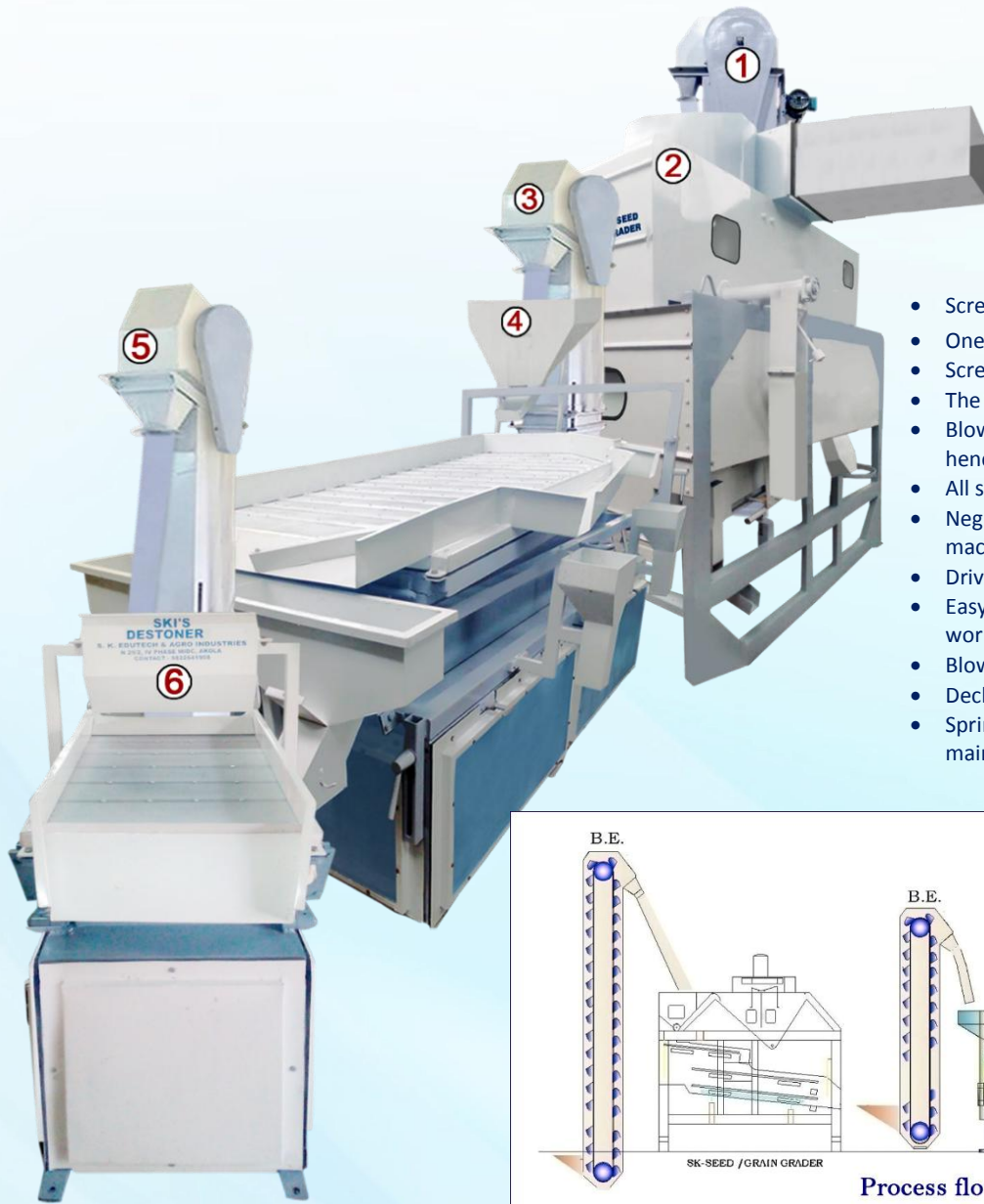
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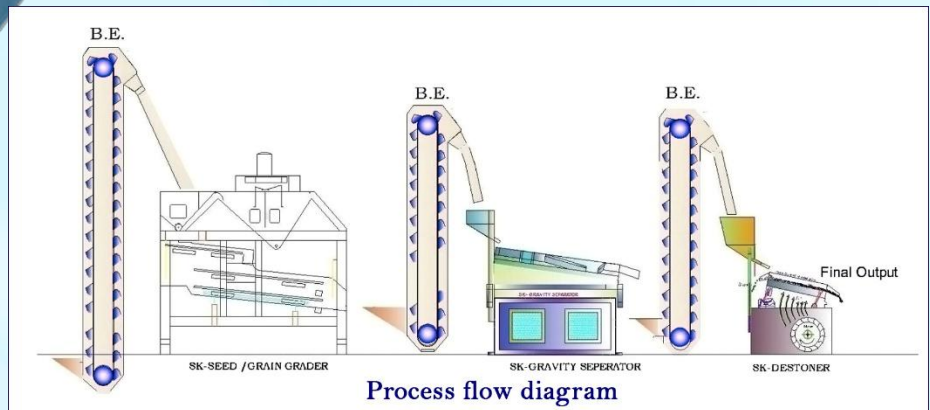
SK's Hitech

Seed / Grain Cleaning cum Grading Plant (Model: - Hitech-1T)



Special Features:

- Screen boat is light weight.
- One scalping screen and two layers of grading screens.
- 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.
- Drive motor are of standard make.
- Easy adjustment of deck speed while machine is in working.
- Blowers and machine is dynamically balanced.
- Deck slopes, air flow adjustment is very easy.
- Spring steel strips are used for oscillation has no maintenance.

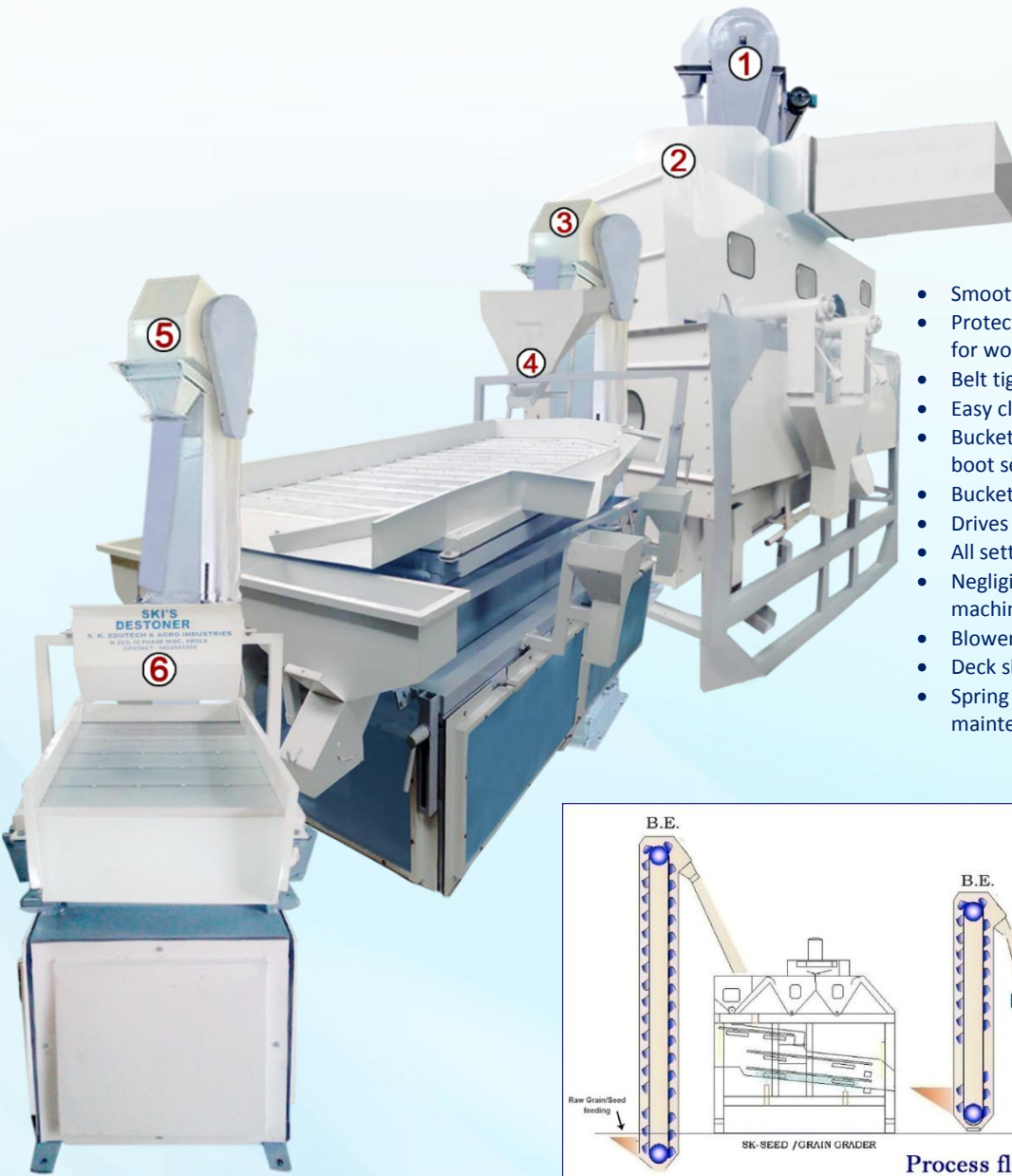


Plant Model	Plant Unit No.	Unit	Capacity	Electric Motor Drive	Qty.
SK's Hitech Seed/Grain Cleaning cum Grading Plant Model:- Hitech-1T Capacity:- 1 Ton/Hr.	1,3,5	SK's Bucket Elevator SKBE- 1K	1 Ton/Hr.	1 HP	3
	2	SK's Air Screen Seed Cleaner cum Grader SKASSC -1K	1 Ton/Hr.	3HP Blower and 2 HP for screen oscillation	1
	4	SK's Gravity Separator SKGS- 1K	1 Ton/Hr.	5 HP	1
	6	SK's Destoner SKDS- 1 T	1 Ton/Hr.	5 HP	1

*The Capacity is based on Wheat

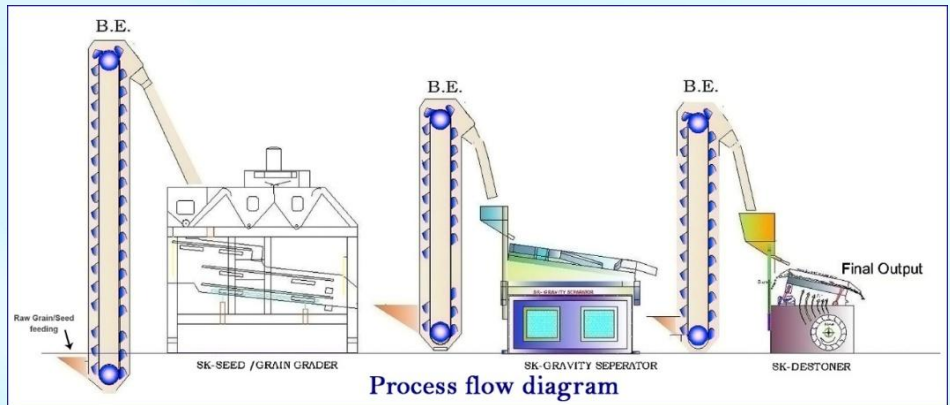
SK's Hitech

Seed / Grain Cleaning cum Grading Plant (Model: - Hitech-2T)



Special Features:-

- 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.
- Buckets are nylon made hence no corrosion and Long life.
- Drives Motor of standard make.
- All settings like air, Seed feed rate can be set easily.
- Negligible noise of machine because of smooth working of machine.
- Blowers and machine is dynamically balanced.
- Deck slopes, air flow adjustment is very easy.
- Spring steel strips are used for oscillation has no maintenance.

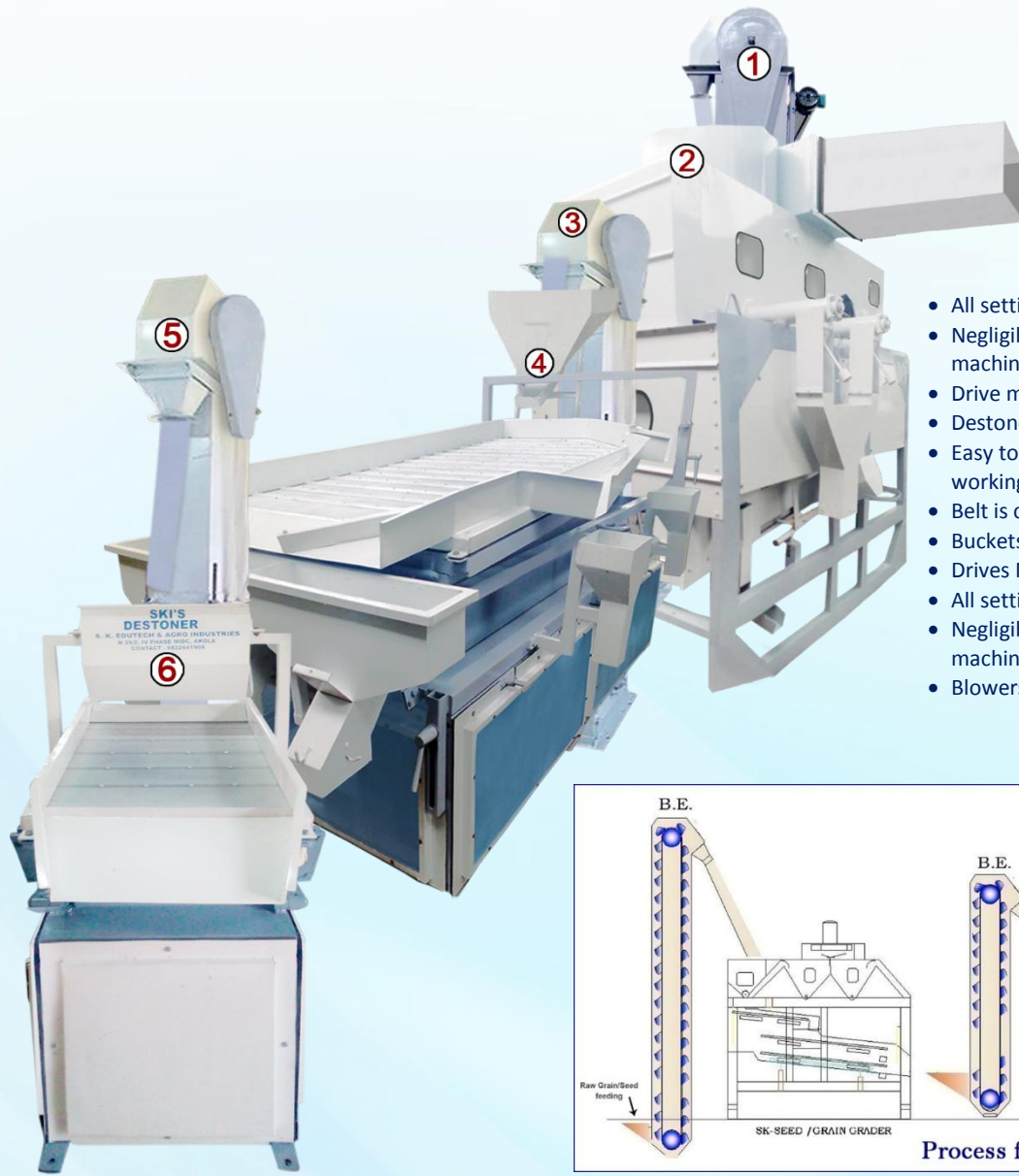


Plant Model	Plant Unit No.	Unit	Capacity	Electric Motor Drive	Qty.
SK's Hitech Seed / Grain Cleaning cum Grading Plant Model:- Hitech-2T Capacity:- 2 Ton/Hr.	1,3,5	SK's Bucket Elevator SKBE- 2K	2 Ton/Hr.	2HP	3
	2	SK's Air Screen Seed Cleaner cum Grader SKASSC -2K	2 Ton/Hr.	5HP Blower and 2 HP for screen oscillation	1
	4	SK's Gravity Separator SKGS- 2K	2 Ton/Hr.	7.5 HP	1
	6	SK's Destoner SKDS- 2 T	2 Ton/Hr.	7.5 HP	1

*The Capacity is based on Wheat

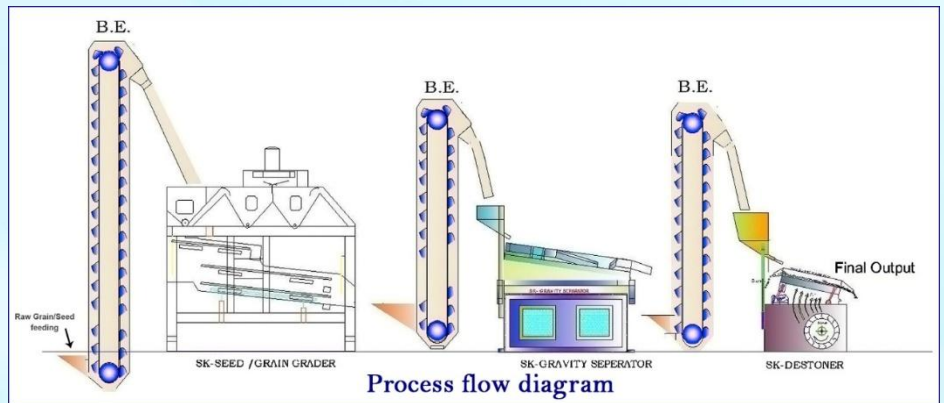
SK's Hitech

Seed / Grain Cleaning and Grading Plant (Model: - Hitech-4T)



Special Features:-

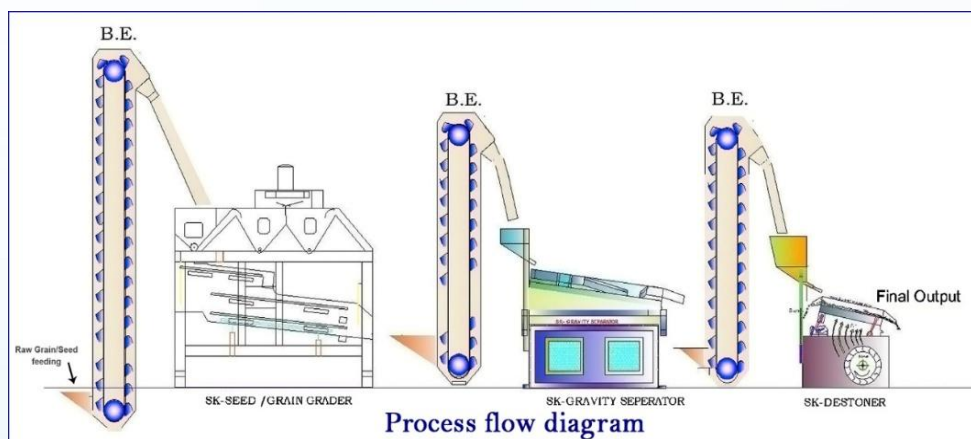
- All settings like air, Seed feed rate can be set easily.
- Negligible noise of machine because of smooth working of machine.
- Drive motor are of standard make.
- Destoner removes sand stones effectively.
- Easy to adjust speed, air, deck angle even machine is in working condition without stopping.
- Belt is canvas belt hence longer life.
- Buckets are nylon made hence no corrosion and Long life.
- Drives Motor of standard make.
- All settings like air, Seed feed rate can be set easily.
- Negligible noise of machine because of smooth working of machine.
- Blowers and machine is dynamically balanced.



Plant Model	Plant Unit No.	Unit	Capacity	Electric Motor Drive	Qty.
SK's Hitech Seed / Grain Cleaning cum Grading Plant Model:- Hitech-4T Capacity:- 4 Ton/Hr.	1,3,5	SK's Bucket Elevator SKBE- 4K	4 Ton/Hr.	2 HP	3
	2	Sk's Air Screen Seed Cleaner cum Grader SKASSC -4K	4 Ton/Hr.	10 HP	1
	4	SK's Gravity Separator SKGS- 4K	4 Ton/Hr.	10 HP	1
	6	SK's Destoner SKDS- 4T	4 Ton/Hr.	7.5 HP	1

*The Capacity is based on Wheat

Working of Hitech Seed/Grain Cleaning Cum Grading Plant



- The 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. 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 (which is same size of Seeds/Grains) 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.

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

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