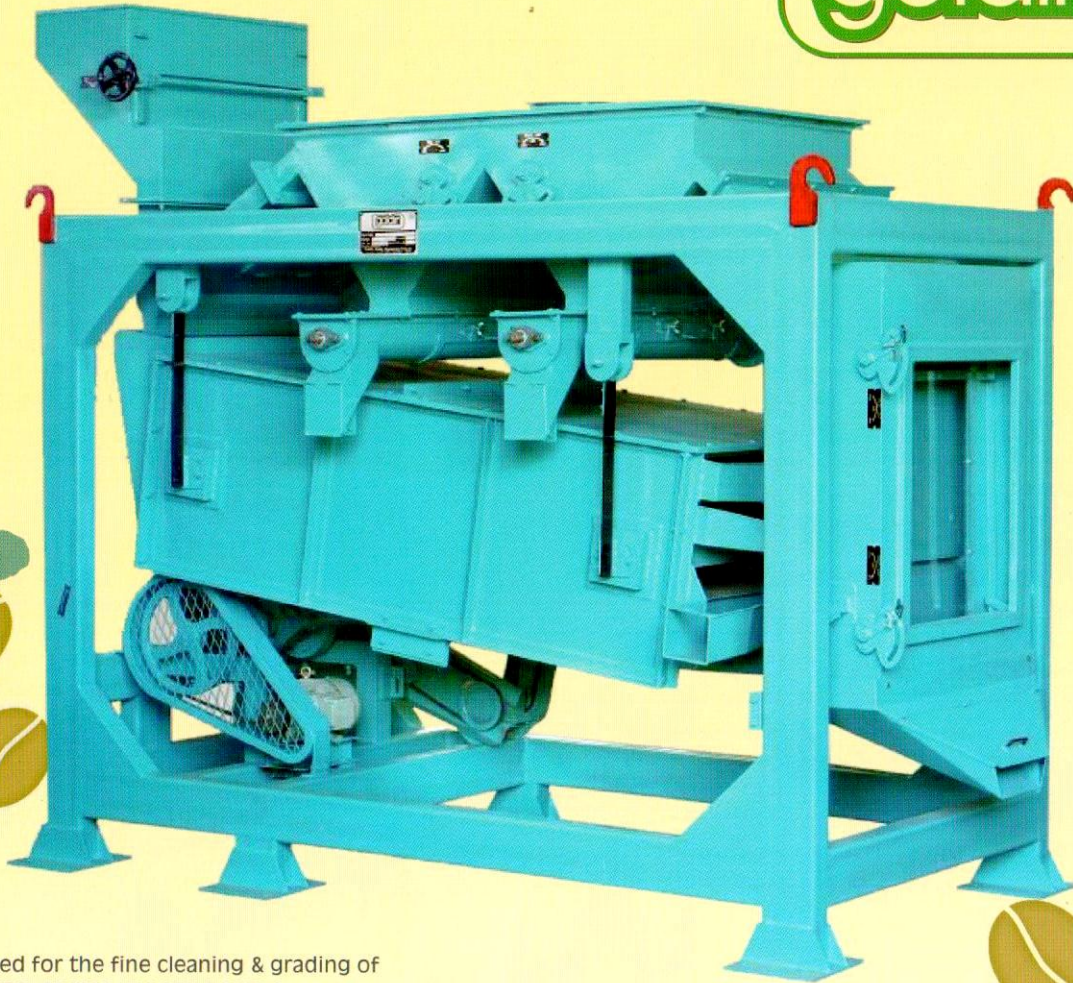
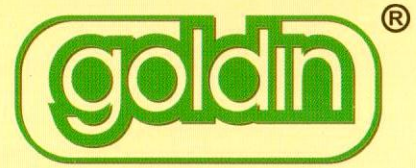


CLEAN-O-GRADER



SALIENT FEATURES

- Most Suited for the fine cleaning & grading of SPICE-SEEDS, GRAINS, PULSES & SEEDS.
- Scalping deck plus two cleaning decks to suit specific process requirement.
- Optionally, 3 decks can be provided for grading of material, as required.
- Totally closed cleaner shoe with easily replaceable sieve panels.
- Ball decks provided for efficient sieve cleaning.
- Sturdy tubular frame construction to support the whole cleaner unit.
- Dynamically balanced eccentric drive arrangement ensures vibration free reciprocating motion.
- Feed hopper with material flow control gate.
- Pre-aspirator with air control to remove light air-borne impurities and dust before feeding on deck.
- Post-aspirator with air control to regulate removal of light particles from the final product.

- Large size inspection windows provided on post-aspirator, to facilitate precise air control adjustment while viewing actual working in aspiration channel.
- Aspirated impurities collected in one expansion chamber and discharged through screw conveyor.
- Optionally two expansion chambers available for collection of pre-aspirated and post-aspirated materials separately.
- Aspirated dust collected in cyclone and air discharged through fan.
- Dust collector cyclone & fan can be located away from cleaner to suit site condition.

MODEL	CG 612	CG 715	CG 918	CG 1224	CG 1530
CAPACITY KGS/HR APPROX. ON WHEAT BASIS	400-500	600-800	1500-2000	3500-4000	4000-5000
MACHINE MOTOR H.P.	1	1	1.5	3	5
ASPIRATION FAN MOTOR H.P.	2	3	5	7.5	10
AIR LOCK (OPTIONAL) MOTOR	-	-	1	1	1
APPROX. OVER ALL DIMENSION (MM)	L 2000 W 1500 H 2200	L 2200 W 1700 H 2300	L 2900 W 1500 H 2600	L 3500 W 2000 H 2600	L 4500 W 2500 H 2800

Notes:

- Capacity refer to Grains. It depends upon bulk density of material, impurities present in Raw material and degree of cleanliness desired in the final product. For Spice seeds cleaning capacity, consult with particulars.
- High capacity models can be manufactured against specific requirements.
- Specifications are subject to change without notice in the process of product development and technological up-gradation.

SEPARATION MACHINERY'S

ONE SOURCE



GOLDIN FOR ALL YOUR REQUIREMENTS :

(1) SCREEN - AIRE - SEPARATOR :

A most efficient precleaner working on the principles of Circular motion at high speed, with variable speed drive to suit the application. Aspiration system with fan unit and cyclone ensures dust free working of the plant. Most suited for cleaning of Oil seeds, & Grains before storage.

(2) DESTONER : Density separator for dry granular materials; normally used for removal of stones..

PRESSURE TYPE DESTONER: With inbuilt fan unit and unique air distribution arrangement, remarkably fast and thorough in heavy foreign material removal.
VACUUM TYPE DESTONER : Totally enclosed system for dust-free operation with easy to operate control for speed. Feed, Pitch, Elevation and Air for high degree of accuracy.

(3) GRAVITY SEPARATORS : For accurate controlled grading of dry granular materials on the basis of specific gravity of Seeds / Grains.

PRESSURE TYPE GRAVITY SEPARATOR : This type of gravity separator is provided with built-in fan unit and all versatile adjustable controls for the best possible separation of materials.

VACUUM TYPE GRAVITY SEPARATOR : For dust free operation all enclosed system for unlimited applications. Dust collector designed for high efficiency.

(4) **IMPACT HULLER :** For efficient and dustless hulling of seeds like Sunflower seeds, Safflowers, Neem Fruits/ seeds, Ratan jyt etc. Simple accurate control features places the operator in total control of the hulling operation for consistent, predictable results for processing.

(5) **AIR CLASSIFIER :** Two way precise separation of lights and heavies on the basis of terminal velocity. All steel construction, Air chamber observation windows: Uniform air distribution & air control. Vibrator for uniform distribution of material

(6) **ROTARY DRUM SIEVE :** Best suited as Precleaner to remove jutes, sticks and bulky oversize impurities as well as fines from seeds before storage, Simple to operate and maintain. Sieve cleaning device ensures efficient cleaning. A special drum sieve also can be supplied for grading of products.

(7) **FOOTS SEPARATOR:** Vibratory type, specially designed for separation of suspended solids from liquid. Widely used in oil mill plants to recover foots (solid particles) from expeller oil thereby making oil filtration more efficient.

GOLDIN EXPERTIZE AT YOUR SERVICE

A SINGLE SOURCE FOR TURN-KEY PROJECTS

For Design, Engineering, Manufacture, Supply and Erection Commissioning.

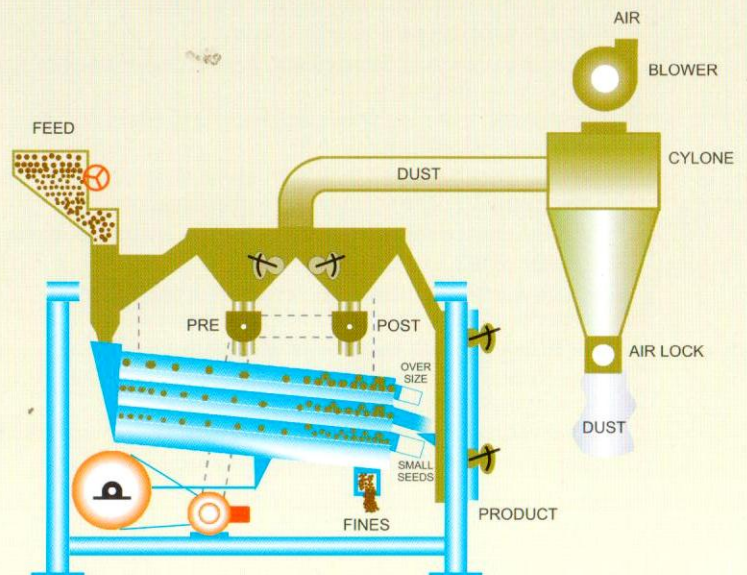
- Precleaning and silo storage plants.
- Whole Spice seeds cleaning & grading plants.
- Cleaning, dehulling/ decortication and oil mill Plants.
- Grains / Seeds cleaning & grading plants.

FOR MATERIAL SUCH AS :

- Neem Seeds • Grains • Barley • Spice-Seeds • Fennel
- Groundnuts • Pulses • Paddy • Black Pepper • Farina
- Soyabeans • Cereals • Coffee • Coriander • Flax Seeds
- Sunflowers • Maize • Cocoa • Cumin Seeds • Sesame Seeds
- Safflowers • Rice • Palm • Celery Seeds • Phenugreek
- Rape Seeds • Peas • Kernels • Caraway Seed

OTHER EQUIPMENTS IN OUR RANGE OF MANUFACTURE :

- + Belt Conveyors
- + Slat Conveyors
- + Bag Filters
- + Bucket Elevators
- + Pneumatic Conveyors
- + Centrifugal Fans
- + Screw Conveyors
- + Cyclones
- + Mimic Control Desk
- + Redler Chain Conveyors
- + Air Locks
- + Motor Control Centre



Kindly Contact :

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