

## SCREEN SEPARATOR

For dry granular materials for the processing industry



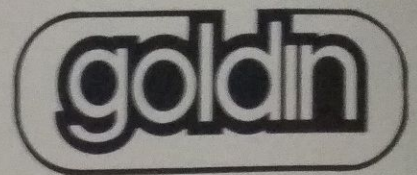
- Grains
- Beans
- Oilseeds
- Cashews
- Almonds
- Corn
- Pepper
- Pulses
- Cereals
- Spices
- Copper Wires
- PVC—Rubber
- Coffee Beans
- Soyabean
- Sunflower
- Groundnut
- Palm Kernel

### SPECIAL FEATURES :

The GOLDIN SCREEN SEPARATOR is a positive eccentric, four bearing design, high-speed, vibrating screener which ensures accurate, high capacity, high quality separations.

- **The adjustable Feed Hopper** assures you of obtaining an even, constant supply of product into the Screener. By achieving and maintaining the proper feed, you best utilize the Screener's separating capabilities.
- Variable Speed drive facilitates to adjust optimum speed for best cleaning results.
- **The outboard bearing isolation mount** combined with **Advanced balancing systems** make the frame vibrationless, allowing the machine to be operated on any structure.
- **Easy screen removal** | Either screen can be changed without loosening the adjacent one. **Quick access clamps** permit easy access for interior cleaning and faster screen changing.
- **Optional stainless steel construction** permits the machine to be used for food, chemical and other specialised applications like dewatering.
- **Ball compartments incorporated** into the screen support grid allow an **optional ball cleaning system**.





## SCREEN AIRE SEPARATOR

The **GOLDIN SCREEN SEPARATOR** may be equipped with various options.

The **PRE-SCALP** unit is equipped with a short screen, somewhat coarser than the "top" scalp screen in the machine. This makes for scalping of the large over-size objects before the product enters the Screener.

The **PRE-ASPIRATOR** is used to remove hulls or dust and other light contaminants before the product enters the Screener, thus making the product more flowable at the start of the screening operation.

The **POST ASPIRATOR** is used when the finished product is to be the "plus" of the screen. This product is then discharged through the aspirator which removes dust or other light contaminants.

**Four deck Screen Separators** can be supplied for as high capacity as 100 Tph, with split-flow arrangement.

Screen Separators with **Parallel flow** or **Series flow** deck arrangement can be supplied against specific requirements.

The aspirator system supply is complete with fan unit & cyclone for dust free working atmosphere and cleaned products. If stringent pollution control or recovery of material is an important requirement, a bag filter with automatic shaker arrangement can be supplied.

...other options and modifications are available to meet the stringent needs and demands of the various products and processing installations.

Also available \* **Cyratory Screeners for fines grading**,  
\* **Reciprocating screeners for seed grading**  
\* **Cylindrical Rotary Screeners for sizing**.

Series	48		72		96		10		12		
Model	24 x 48	34 x 48	34 x 72	46 x 72	34 x 96	46 x 96	60 x 96	5 x 10	6 x 10	5 x 12	6 x 12
Capacity TPH	1-2	2-3	3-4	4-5	5-6	6-8	10-12	12-15	16-20	15-18	20-24
Machine Motor H.P.	2	2	2	3	3	5	5	7.5	7.5	7.5	7.5
Aspiration Fan Motor H.P.	2	2	3	3	5	5	5	7.5	7.5	7.5	7.5
Overall Dimensions m.m. (appr.)											
length	1700	1700	2290	2200	3000	3000	3000	4200	4200	5000	5000
Width	1000	1300	1300	1600	1400	1700	2000	2400	2700	2400	2700
Height	2000	2000	2200	2200	2500	2500	2500	3600	3600	4000	4000

### Notes:

(1) Capacities are specified on wheat basis, for cleaning operations. They vary considerably depending upon material and degree of cleaning and grading required.

(2) Machines are made to specific requirements of industry. Other models also can be made to suit specific demands.

Specifications are subject to change without notice in the process of product development and technological upgradation.

### Goldin also undertakes trunk projects for processing industry.

- Cleaning & Grading system for spices, grain & seeds
- Dehulling & hull separation systems for sunflower & simillar products
- Storage system of seed house or bin type with precleaning plant
- Oil mill plant
- Dust collection plants
- Aeration system for seed house
- Belt conveyors
- Bucket Elevators
- Screw conveyors
- Chain conveyors
- Apron conveyors
- Salt conveyors
- Vibratory conveyors.
- Centri fugal fans
- Cyclones
- Air Locks
- Bag Filters
- Huller/Scarifier
- Motor control centres
- Mimic control desk.



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