

# Screening and Separator Products

Products and Accessories

## Vibratory Screening Machines

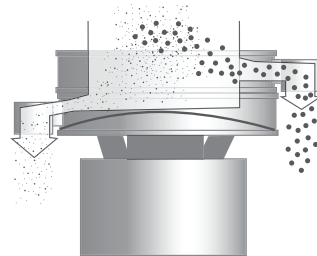


Gerard Daniel's vibratory screening machine meets the toughest screening environments of virtually every processing industry. Engineered to last and built with high quality components, our machines are suited for liquid-solid separation, wet or dry classification, and dry separation.

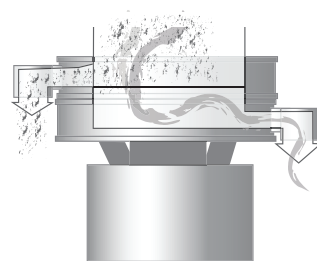
### Market Applications

- Food processing
- Petrochemicals
- Abrasives
- Pharmaceuticals
- Plastics
- Ceramics
- Mining & Minerals
- *and many others...*

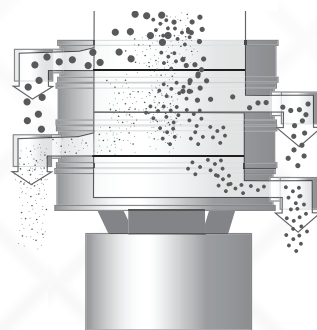
## Separation Applications



- 1 **Scalping:** Removal of a minimal amount of oversize product from volume throughput of good material.

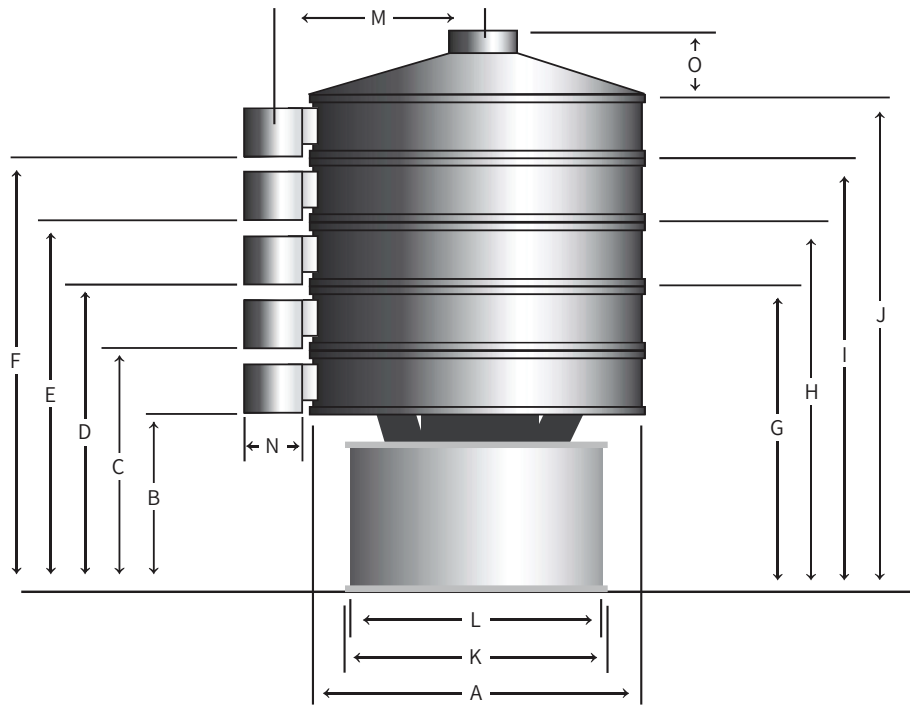


- 2 **De-watering:** Pre-filtering or de-watering for removal of solids from high throughput of liquids or slurries.



- 3 **Sizing:** Separation of particles into groups of like sizes. Accurate sizing of up to five product sizes can be achieved with one unit.



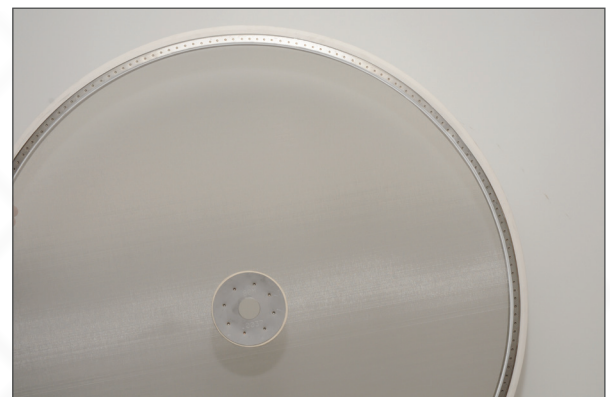


## Shaker Screen Dimensions

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
24" Model	24"	15"	20"	27"	33"	39"	28"	34"	40"	46"	22"	18"	16"	6"	4"
30" Model	30.5"	16"	21.5"	27.5"	33.5"	39.5"	29"	35"	41"	47"	22"	18"	20"	6"	4"
48" Model	46.375"	21"	28"	36"	44"	52"	38"	46"	54"	62"	41"	36"	28.5"	8"	6"
60" Model	57.75"	23"	31"	40"	49"	58"	42"	51"	60"	68"	45"	40"	36"	8"	8.6"

## Replacement Screens

We manufacture replacement screens for our own machines and also screens compatible with a wide variety of machines from other manufacturers. We use our deep expertise in woven mesh to change the gradation of a screen to exactly what is needed, rather than using a 'cookie cutter' approach producing screens from standard mesh. This means our customers can maximize their production rates while still delivering the gradation of product required.



We also offer a very cost-effective re-screening process, where customers send back their blinded or torn screens to us and we replace the mesh using the original rims.

## Separator Parts and Accessories

- Spacing, Table and Distribution Frames
- Rubber Coated Nylon (RCN) connector sleeve
- Support Springs
- Center-Tie-Down Assembly
- Clamp Ring — Available in Bolt or Quick Release
- Shaker Motor — 1/3 to 5.0 hp
- Perforated Plate
- Flexible Connectors — Molded Corrugated Boots  
Several diameters are available. There are also several base polymers to choose from.
- Single and Cluster Sliders
- Screen Gasket — EPDM Food Grade
- Cleaning Balls



## De-Blinding Solutions

We offer a wide variety of solutions to ensure that your screens stay as productive as possible and do not blind (or clog) with product. We offer the standard solutions (below) – however due to the irregularities of the particles and the unpredictable nature of how they behave, we can also work with a custom solution to maximize your productivity.



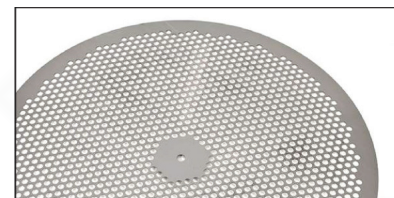
### Slider Tray Assembly

Recommended when screen binding occurs due to wet, suspended particles. Single and cluster sliders are available.



### Ball Tray Assembly

The ball tray assembly is used when screen blinding is caused by near size particles. Mesh cleaning balls are used to help control blinding and improve screen performance.



### Perforated Plate

A perforated plate is commonly used with the slider tray assembly and ball tray assembly. It may also be used in place of a screen for heavy scalping applications.



**Eastern US Operations**  
(Corporate Headquarters)

34 Barnhart Drive  
Hanover, PA 17331

+1.888.331.3031  
+1.717.633.7095 (fax)



**Canadian Operations**

205 Courtney Park Drive West  
Mississauga, Ontario L5W 0A5

+1.800.561.5903  
+1.905.670.4961 (fax)



**Western US Operations**

13055 Jurupa Avenue  
Fontana, CA 92337

+1.800.635.8296  
+1.951.727.9930 (fax)



**European Operations**

Mountmahon Industrial Estate  
Abbeyfeale,  
Co. Limerick, Ireland

353.68.31284



**Southwestern US Operations**

767 Kenrick Drive, Suite 120  
Houston, TX 77060

+1.800.331.4044  
+1.832.598.2986 (fax)