

# Kason “Flo-Thru” Low-Profile High Capacity Separator

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Kason “Flo-Thru” Vibroscreen® Separators employ two unbalanced-weight gyratory motors mounted on opposing exterior sidewalls of the unit at 180 degrees apart (instead of one motor positioned beneath the screening chamber), reducing height requirements significantly. This Kason innovation also enables the bottom outlet to be located directly below the top inlet, allowing material to fall vertically through the screen at high rates. The “Flo-Thru” Circular Screen Separator is designed for screening of dry materials and solid/liquid applications. Available from 18” to 84” (460mm to 2135mm) in diameter. Can be rated for positive pressures to 14.7 psig or negative pressures to 14 inches mercury.



## Features:

- Low profile (as low as 12” overall height)
- 3-D vibratory motion
- Adjustable motor mounting angle and motor force for maximizing screening efficiency and capacity
- Low installation cost

## The “Flo-Thru” is ideal for the following applications:

- High capacity scalping applications
- Batch processes and pilot plant applications
- When only minimum headroom is available
- High temperature applications
- Installation under bulk bag and drum un-loaders as well as bag dump stations
- Installation above or under blenders/mixers
- Screening of incoming raw materials
- Safety screening of final products
- Offline screening including product reclamation
- Installs into existing systems with minimum rework

### Options and Accessories:

- Dust cover assembly (carbon steel, stainless steel, clear flexible vinyl, clear acrylic)
- Anti-blinding ball tray and kleen screen ring assembly
- Anti-blinding Ultrasonic System
- Sanitary construction, including “GAP FREE” design to comply with 3A, FDA, BISCC, and many other sanitary standards
- “AIR-LIFT” Quick Screen Change Feature (for 48” through 84” diameter models)
- “CLAM SHELL” Quick Screen Change Feature (for 30” through 60” diameter models)
- Clean-In-Place (CIP) Spray wash system
- All stainless steel construction including motors
- 4-leg Support Stand with or without lockable swivel casters



Kason “AIR-LIFT” Quick Screen Change System allows operator to change screen and gain access to the interior of the unit for cleaning or inspection many times faster.

### EXAMPLES OF TYPICAL APPLICATIONS:

Material	Typical Screen Mesh	Capacity Range
Flour	10 to 30	200 to 60,000 lbs/hr
Salt	4 to 14	500 to 140,000 lbs/hr
Sugar	4 to 20	500 to 120,000 lbs/hr
Spices	4 to 40	100 to 30,000 lbs/hr
Dairy powders	4 to 30	100 to 40,000 lbs/hr
Starch	4 to 40	400 to 40,000 lbs/hr
Polymer resin	2 to 6	20,000 to 120,000 lbs/hr
PTA powder	4 to 10	10,000 to 200,000 lbs/hr
Fertilizer	2 to 4	2,000 to 240,000 lbs/hr
PVC compound	10 to 40	2,000 to 100,000 lbs/hr
Plastic pellets	2 to 4	500 to 80,000 lbs/hr
Metal powders	20 to 400	20 to 100,000 lbs/hr
Pharmaceutical powders	10 to 400	5 to 7,000 lbs/hr
Foundry sand	4 to 30	200 to 40,000 lbs/hr
Waste water clarification	20 to 200	10 to 2,500 gallons/minute (GPM)

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