Two-Mass conveying

General Kinematics Two-Mass high frequency shakeouts are capable of handling complete loads to 100,000 pounds. Unique Two-Mass design automatically compensates for varying load conditions, assuring non-dampening shakeout performance. Driven with sealed vibratory motors, GK’s Two-Mass Shakeouts eliminate the need for belts, pivoted motor bases, couplings, and large expensive bearings. Drive is mounted on a separate exciter mass, completely isolated from the high intensity impact action of the shakeout deck.

Discharging and non-discharging units feature low horsepower, adjustable amplitude control, and exceptionally quiet operation.

Features that differentiate

- Extremely low horsepower drives
- Easy maintenance of drive components, with extremely quick replaceability
- Easy change for angle of attack and amplitude
- Capability of handling heavy and fragile castings
- Maximum sand separating efficiency
High Energy Shakeout
GK Shakeouts run consistently and without the maintenance issues associated with bearings. Also, the drive force is distributed along entire Shakeout body for maximum energy savings.

Flexibility
- **Variable Energy** - Tune your Shakeout for the exact force you require
- **Variable Retention Time** - Need to have more Shakeout time? Air bags allow you to control casting retention

Deck configurations
- Perforated
- Slotted
- Finger decks
- Aluminum
- Rubber