

# DE-STONER®

## Dependable Air System

Energy-efficient vibratory action and high velocity, low pressure air streams work in tandem to fluidize and stratify commingled materials according to differences in terminal particle velocity.

Using air instead of water to separate heavy materials like rock from lighter materials like wood, it is virtually jam-proof with no moving separator parts.

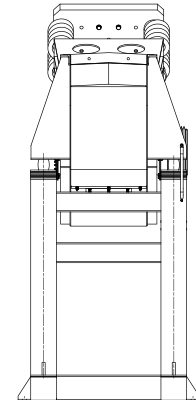
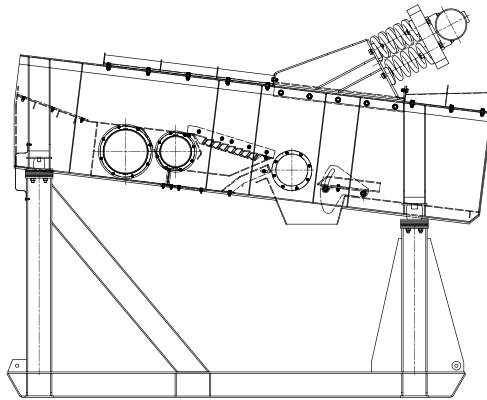
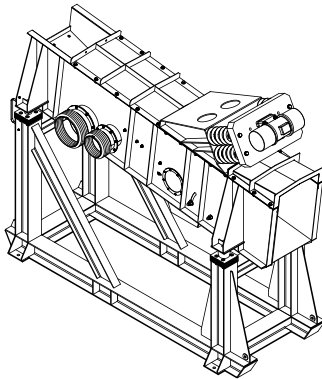
The rugged, heavy duty construction of the GK DE-STONER® withstands 24-hour operation and is engineered with an inherently simple, fully isolated design for minimal foundation requirements.

## DE-STONER® Overview

- DE-STONER® uses air instead of water to separate heavy product from light product, eliminating the mess & environmental hazards water separation creates
- Large processing rates
- Virtually jam-proof design with no moving separator parts
- Inherently simple, fully isolated design minimizes foundation requirements
- Versatile design separates material of different density, or equal densities with varying particle size
- DE-STONER® driven by energy efficient low horsepower motor
- Rugged, heavy duty construction withstands 24-hour operation
- Available with Single, Double, or Triple Air Knives
- Air recirculating systems also available



## DE-STONER® CAD Example



## DE-STONER® Specs

<b>Function:</b>	Classification & Separation
<b>Components:</b>	Electric Motors, Isolation Springs, Reactor Springs, Steel Construction, Screens, Fluidizing Decks, Liners, Drop Out Box
<b>Construction Material:</b>	Abrasion Resistant Steel, Mild Steel, Rubber, Stainless Steel, Aluminum, Ceramic
<b>Power Requirements:</b>	Up to 60 hp
<b>Drive:</b>	SYNCHRO-CUSHION® Coil Spring Drives & PARA-MOUNT® Drives combines the advantages of natural frequency vibratory action with a rugged drive and trough connection
<b>Width:</b>	2 to 8 ft
<b>Length:</b>	Up to 40 ft
<b>Weight:</b>	Up to 60,000 lb
<b>Capacity:</b>	Up to 355 yds/hr
<b>Classification Sizes:</b>	Nominal up to 6"
<b>Analysis:</b>	Fatigue, FEA, Stress
<b>Finish:</b>	Bead Blasted, Epoxy, Galvanized, Painted
<b>Production Volume:</b>	Built to Order
<b>Benefits:</b>	Efficient, Low Maintenance, Reliable, Rugged, Safe Operation, Large Processing Rates
<b>Secondary Services:</b>	Customer Support, Field Service, Dual / Single / Triple Knife, Near Zero Dust Collection
<b>Quality:</b>	ISO Certified

## Application Photos



**REMEMBER:** General Kinematics engineers, manufactures and installs a wide range of vibratory, rotary and process equipment. GK equipment is custom engineered to your application. Our mission is to not only provide a solution that works, but also to supply superior after market parts and service to our customers around the world.