

***Next Level Processing:***  
**Vibratory for Automating**  
**Die Cast Scrap Removal**

[www.gkfoundry.com](http://www.gkfoundry.com)



## Vibratory Die Cast Scrap Removal Solutions

The use of GK Vibratory Conveyors and Feeders in gating and riser removal/transfer conveyance has given Die Casting Facilities the opportunity to remove operators from performing hazardous work while automating re-feed to melt furnaces.

These Vibratory Conveyors and Feeders have process advantages and flexibility over fork trucks with tote boxes, rubber belts and steel pan apron conveyors through this process. With scalability to your process these units allow for multiple configurations which include:

- Low Headroom
- Underground
- Gradual Incline
- Bi-Directional Conveyance
- Direct Re-feed

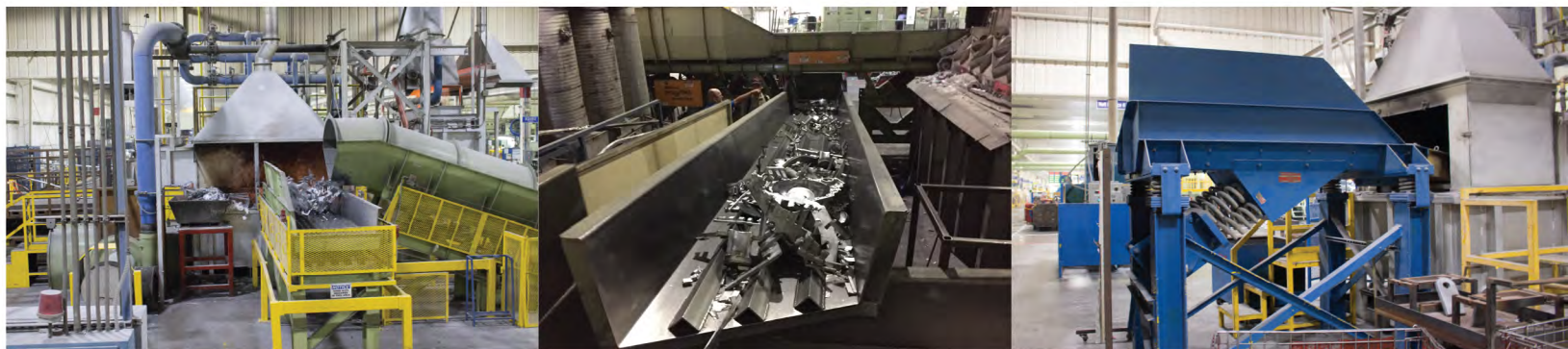


**V-TROUGH™**  
**Vibratory Inclined Conveyor**



**TWO-WAY™**  
**Bi-Directional Vibratory Feeders**

**Automate  
refeed to melt  
furnaces**



## Leading die casters are turning to vibratory equipment solutions.

### **PARA-MOUNT II® Vibrating Feeders**

Proven performance and maintenance-free operation make PARA-MOUNT II® Vibrating Feeders the first choice in vibrating feeders for the most demanding applications. Offering increased feed capacity, lower energy costs, and exceptional reliability and ease of maintainability.

### **TRENCHVEYOR™**

General Kinematics Vibratory Trench Mounted Conveyors are designed to reduce pit size and maintenance hassles. All machinery is located above the vibratory pan, with drive components mounted above the floor for easy access. Each conveyor is custom designed to fit your application, with options such as non-stick or abrasion resistant replaceable liners. They can also be designed to incline or decline, adding flexibility to your process layout.



### **TWO-WAY™ Vibratory Feeders**

TWO-WAY™ Vibratory Feeders from General Kinematics open up a wide range of process possibilities. The TWO-WAY™ bi-directional conveyance allows you to alternate material flow for multi-directional product processing, for rejection of bad product, or any other process which may require multi-directional conveyance from a single unit. The unit's completely horizontal stroke shuffles material with no impact and a significant reduction in noise. Available in straight and bi-directional curved designs.

### **V-TROUGH™ Vibratory Conveyors**

General Kinematics continues to perfect vibratory conveyor technology, and expand its use in thousands of processing applications. Today we're efficiently moving a wide range of materials – from heavy castings to aluminum scrap.

Choosing the correct trough design is one of the most important factors in meeting your needs for vibratory conveyors. It's not just fit and finish; our experienced design staff gives careful considerations to product factors such as bulk density, angle of repose, and particle size. Further, we offer trough designs with sub-assemblies that speed up trough replacement for high wear applications. Economical non-replaceable trough designs are also available.

In many installations, transmission of forces to the surrounding supports or building steel is unacceptable. GK offers many different types of counterpoised designs to absorb or isolate reaction forces. These include duplicate trough reactor assemblies, sub-base to earth spring systems, and positively driven balancer mass that moves 180 degrees out-of-phase to name just a few. GK will work with you to determine which design will best fit your process application.



## Who we are

General Kinematics is the premier manufacturer of vibrating equipment for the processing of bulk materials. From vibratory feeders to entire process systems, GK can create the solution you require to process even the most difficult materials.

## What we do

No company in the field of vibratory equipment has consistently produced more innovative equipment ideas and problem solving application techniques than General Kinematics. For more than five decades we've maintained a solid reputation for design leadership – with exclusive vibratory drive systems, simplified spring reactor systems, and the most rugged and reliable construction available. Thousands of application tailored technical advancements have made General Kinematics' vibratory feeders and equipment excel in the most difficult environments.

## Why buy from GK

When facing the decision of purchasing capital equipment, a lot is on the line. Will the equipment work as promised? Will the equipment be reliable? Will it be a maintenance nightmare? What if it doesn't work? General Kinematics has proven through one successful installation to the next that our solutions reduce your risk of buying while helping to improve your process and increase your bottom line.

## GK Highlights

- Extensive install base: 40,000+ installations in nearly every country.
- 24/7/365 customer service and support, with the ability to have a GK service representative on-site anywhere in the world in under 22 hours.
- Available same day shipping on all off the shelf, in-stock components.
- Industry leadership in innovation... 4 times the patents than the next leading vibratory equipment manufacturer.
- General Kinematics has the largest install base of vibratory foundry equipment in the world.
- All U.S. and many leading European automotive manufacturers choose General Kinematics vibratory equipment to solve their vibratory process solution needs.
- Over 150 power plants in the US trust GK vibrating feeders to keep their coal flowing.
- General Kinematics is the only heavy-duty vibratory equipment company certified in ISO:9001.

**General Kinematics partners with our customers to provide vibratory equipment that improves their throughput, increases their profitability, and reduces maintenance costs. GK employees genuinely want our customers to be successful in their businesses, and will do all they can to provide you with equipment and solutions to do so.**

## Installations Around the World

