



**TEREX®**

**Terex® Minerals Processing Systems**

**Terex® Simplicity Vibrating Feeders**

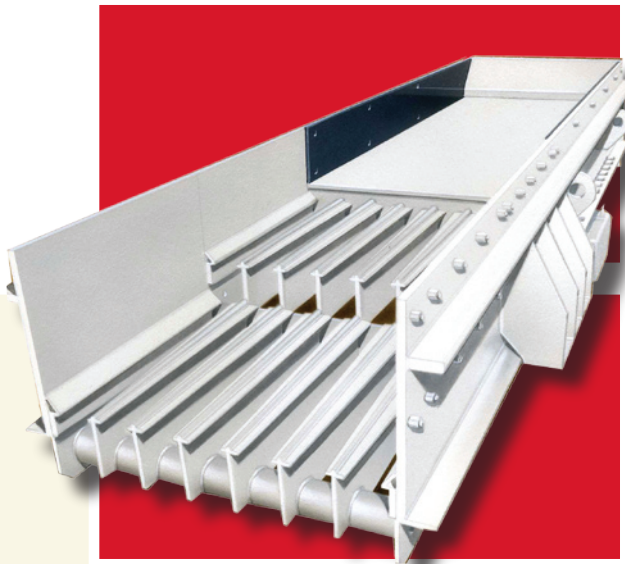


**Models**

**Grizzly Feeders**

**Heavy-Duty Pan Feeders**

**Simply better  
feeders  
since 1921**



Terex Simplicity was founded with a commitment to provide dependable, durable equipment.

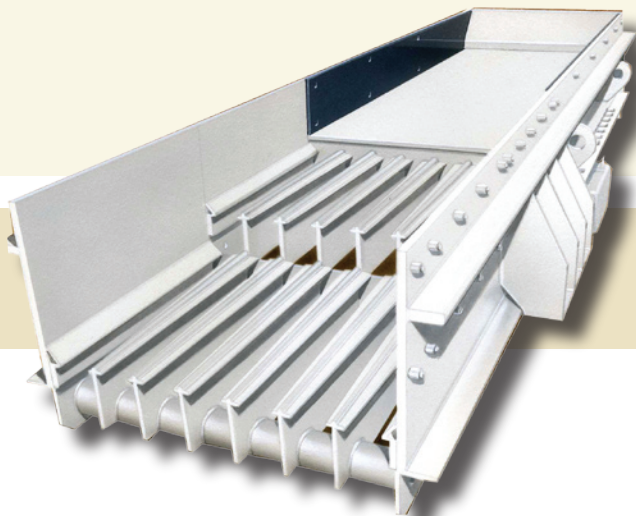
Over eighty years later, that commitment continues. And Terex Simplicity continues to give its customers the performance and reliability they not only demand, but deserve.



# Designed for the Most Severe Operating Environments

Why are Terex® Simplicity feeders such a smart choice for tough environments? Because they have a lot of smart features, including:

- Heavy-duty steel channel construction for maximum strength in severe impact operations
- Deep side channels to minimize spillage
- Extra heavy cross-member and fillerbar subdeck for long life and trouble-free service
- Major assemblies are Huck® bolted rather than welded to eliminate stress and facilitate fast and easy replacement
- Heavy coil spring support system for longer life, less downtime
- Powerful oscillating twin-shaft vibrating drive assembly to reduce material bridging that can result in costly production interruptions
- Vibrating mechanism utilizes standard bearings with oil bath lubrication for long life even in the most severe operating conditions
- Large diameter visual oil sight gauges to allow quick and easy level checks
- Vibrating action combines with proper pan design to ensure even distribution of material on the feeder pan and consistent material flow
- Replaceable pan liners available in a variety of materials to meet your material and workload requirements, including:
  - Mild steel
  - Abrasion resistant
  - Stainless steel
  - Rubber
- Pan configurations include:
  - Flat bottom
  - Grizzly
  - Perforated plate
  - Single surface
  - Step decks
  - End discharge
  - Intermediate discharge

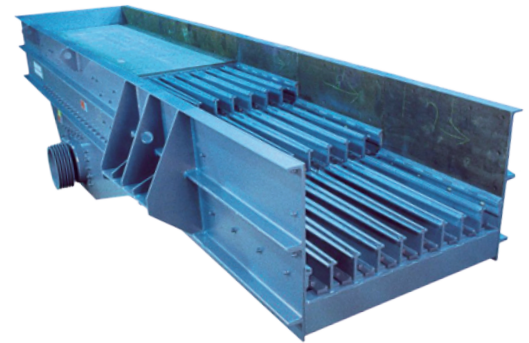
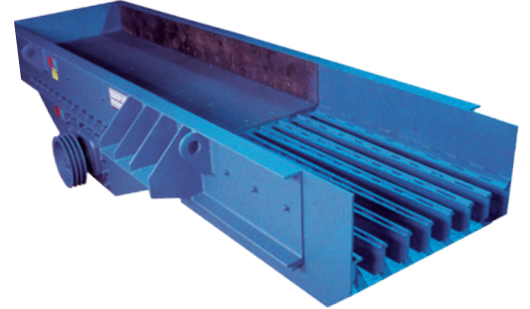


# GRIZZLY FEEDERS

## Grizzly Feeders

Proven Terex® Simplicity Grizzly Feeders reduce maintenance costs and lower capital expenditures by eliminating the need for a separate feeder and grizzly.

- Scalping and feeding in a single unit
- Standard feeder sizes range from 33" x 12' to 86" x 30'
- Grizzly feeder components include:
  - Deep-sided feeder trough made up of a partial pan and one or more grizzly sections
  - A vibrating drive assembly
  - A spring support system
- Fixed or adjustable grizzly openings to maximize flexibility and productivity
- Tapered openings help prevent material plugging between the bars
- Industry-leading reliability and fast parts availability
- Terex Simplicity can custom engineer virtually any size to meet your specifications. Configurations can be custom-engineered for your operation with up to three grizzly decks



### Operation

- Large lumps are scalped into the crusher or to a rip rap stock pile
- Maximum lump sizes can range up to 6' cubes
- Fines pass through the grizzlies, relieving the crusher and reducing wear
- Vibration is generated by precision-machined, twin eccentric shafts
- The vibrating drive assembly is connected directly to the pan to assure positive action under the most adverse loading conditions

### Applications

- Feeding and scalping of ROQ (run of quarry) and/or ROM (run of mine) material prior to crushing and/or conveying
- Built for applications involving severe impact from trucks, loaders, etc.



## Pan Feeders

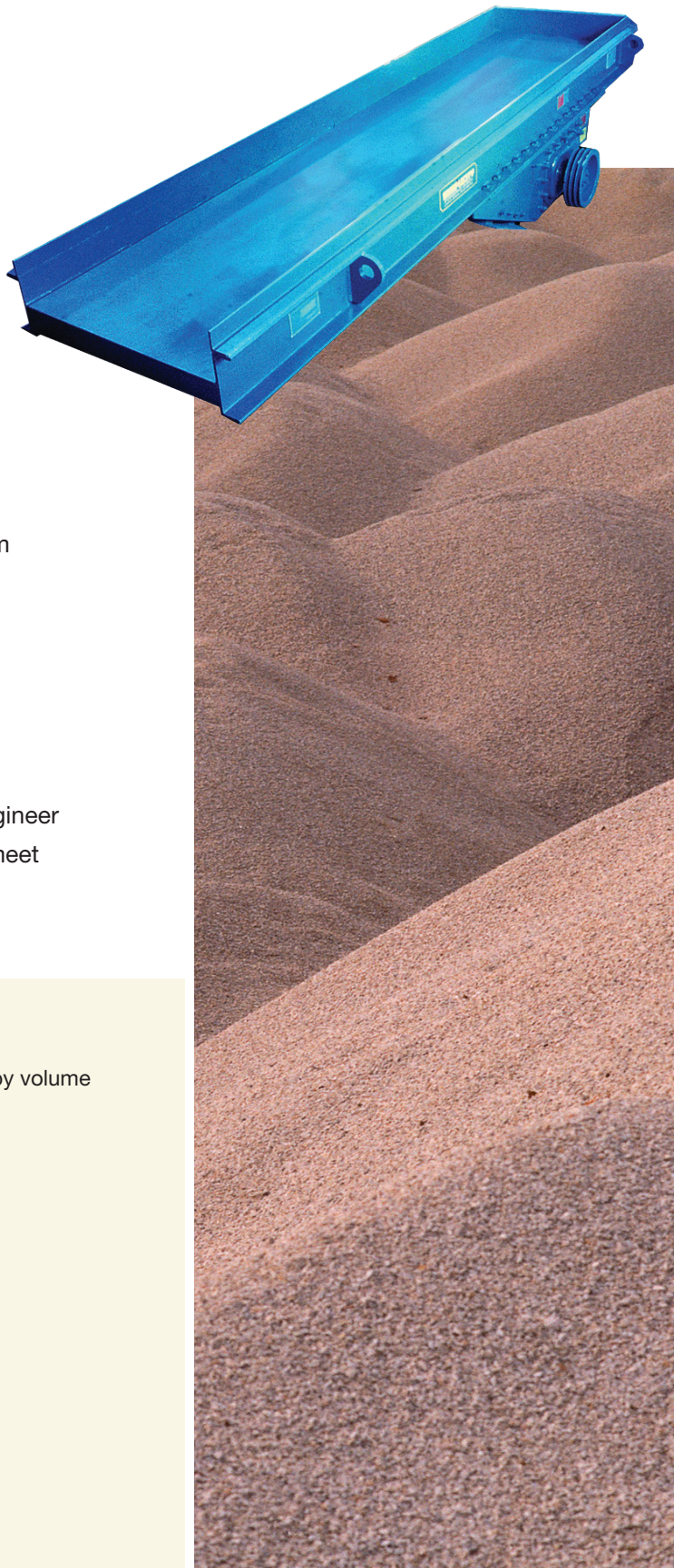
- Heavy-duty feeders with full-length pans
- Pan feeder components include:
  - Deep-sided feeder trough
  - A vibrating drive assembly
  - A spring support system
- Standard feeder sizes range from 24" x 6' to 86" x 30'
- Designed to withstand exposure to all kinds of weather
- Can be mounted on structure supported from below or can be mounted from cables above
- Terex Simplicity can custom-engineer virtually any size pan feeder to meet your specifications

### Operation

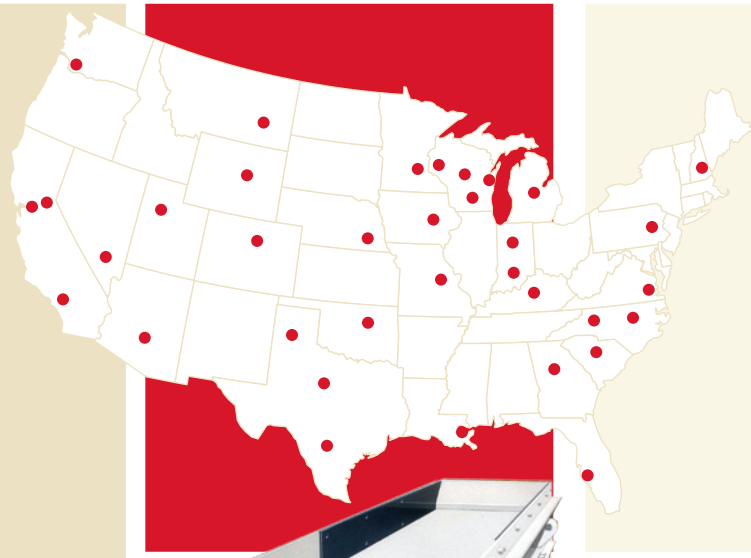
- Regulates the flow of bulk material by volume
- Vibration is generated by precision-machined, twin eccentric shafts
- The vibrating drive assembly is connected directly to the pan to assure positive action under the most adverse loading conditions

### Applications

- Ideal for feeding conveyors, scalpers, screens, and crushers
- Recommended for applications involving severe impact loading

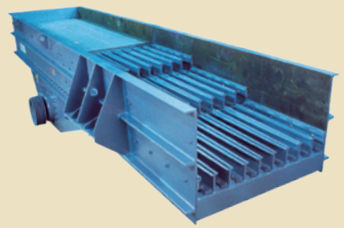
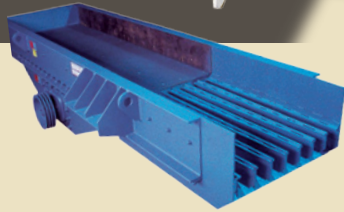


HEAVY-DUTY PAN FEEDERS



## **Extensive Dealer Network**

It's hard to get good dealer support if your dealer is in some other part of the country. To make sure our customers get the service they need when they need it, Terex Simplicity has dealers strategically located throughout North America. You'll get parts and on-site assistance in a hurry, and from people you know.



## **Wide Selection, Long Warranty**

Companies with a limited number of products have to sell what they have. With a wide selection – like the Terex Simplicity selection – we can sell what the customer actually needs. And thanks to our one-year warranty, every product we sell gives our customers something else they need – peace of mind.

Effective Date: March, 2010. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this brochure are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or its subsidiaries in the USA and other countries and all rights are reserved. Terex is a registered trademark of Terex Corporation in the USA and many other countries. Copyright © 2010 Terex Corporation.