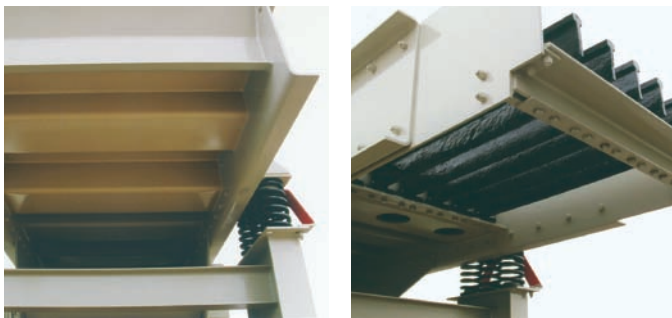


# HIGH TONNAGE, LARGE STROKE FEEDER

The large stroke of the Terex® Cedarapids Advantage Series Vibrating Grizzly Feeder (VGF) produces high capacity along with superior separation of material at the grizzly.

## HIGH STRENGTH, HIGH PERFORMANCE DESIGN FEATURES

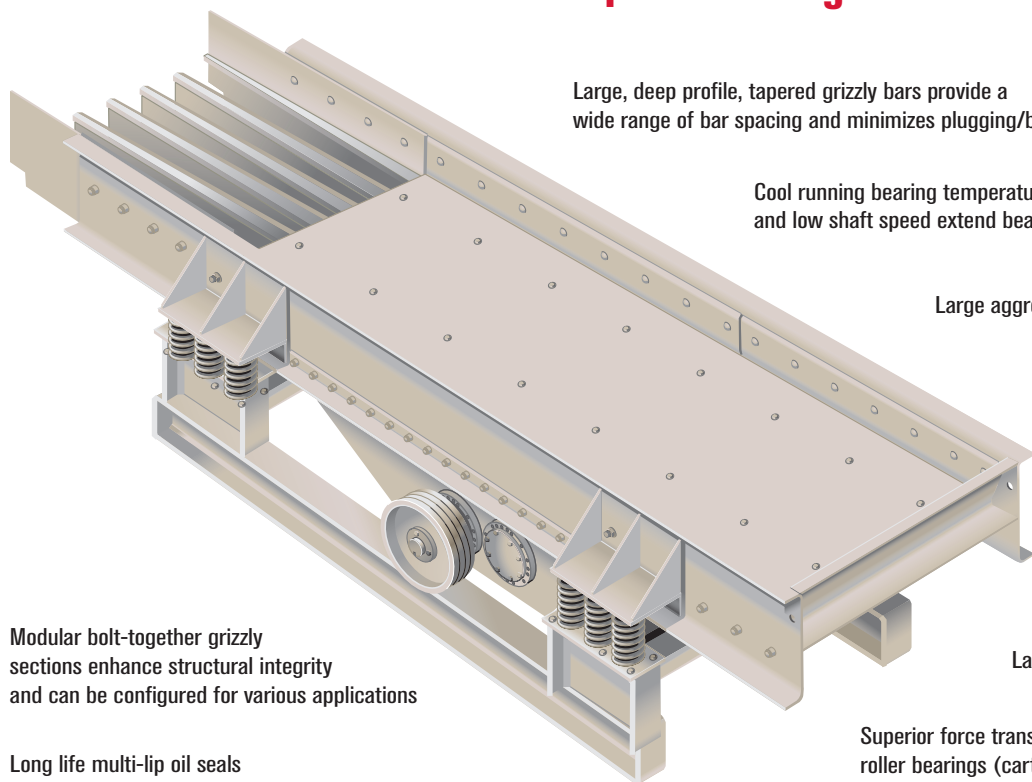


### Efficient and Reliable, Day after Day

The Advantage Series VGF provides high production and long service life in a wide range of rigorous applications. The feeder design allows for better crushing equipment utilization. The large stroke produces high throughput tonnage with superior material separation at the grizzly. You get the most out of your primary crusher by feeding only what needs to be crushed. Overall operating costs are decreased, strengthening your return on investment.

- ▶ Large stroke high agitation motion results in a high capacity feeder with superior grizzly separation
- ▶ High strength to weight ratio maximizes stroke and production
- ▶ Deep formed sides and tubular pan support matrix maximize structural strength
- ▶ High strength AR steel, replaceable feeder pan liner
- ▶ Wide bearing center distance with in-line force transfer
- ▶ Long life bearings, timing gears and shafts
- ▶ Tapered, bolt-in grizzly bars with deep profile

# Terex® Minerals Processing Systems Cedarapids Advantage Series Vibrating Grizzly Feeders



Large, deep profile, tapered grizzly bars provide a wide range of bar spacing and minimizes plugging/blinding

Cool running bearing temperatures and low shaft speed extend bearing life

Large aggressive stroke with high G-force

Extremely durable feeder frame with high strength steel pan weldment, deep tubular supports and deep formed steel side sheets

Adjustable vibrator timing optimizes motion over entire feeder length

Large gears for long life

Superior force transfer due to locating self-aligning spherical roller bearings (cartridge-type) in-line with feeder skirt

Modular bolt-together grizzly sections enhance structural integrity and can be configured for various applications

Long life multi-lip oil seals

## RUGGED CONSTRUCTION

The high strength to weight structural design of the Terex® Cedarapids Advantage Series VGF handles both portable and stationary applications. High strength steel in the pan and deep side sheets improve the overall strength of the entire feeder weldment. This rugged feeder can handle the most rigorous shot-rock applications generally reserved for special heavy-duty feeders.

The efficiently designed feeder features outboard coil spring suspension with removable support brackets which makes spring replacement easy.

## LARGE STROKE VIBRATOR

A large 5/8" (15.9 mm) stroke and uniform motion over the entire feeder length provides for excellent feeding capability. This adds to the overall efficiency of the feeder by stratifying the bed of material to assure superior separation through the grizzly.

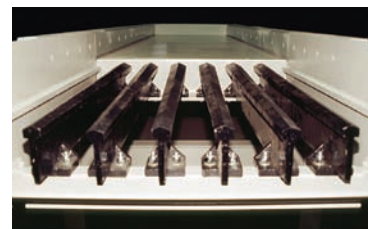
For efficiency, the spherical roller bearings are aligned with the feeder skirt providing direct force transfer from the vibrator shafts to the feeder frame. The oil flow control keeps bearing temperatures cooler and the large gear circumference increases gear life. All of these design features mean long service life and high efficiency.

## ADJUSTABLE GRIZZLY

The adjustable bolt-together grizzly section provides for optimum "fit" between grizzly side sheets and feeder frame. The rear grizzly bar support is bolted directly into the pan support for added strength and rigidity.

The VGF design is available with a 60" (1524 mm) grizzly section in a flat or sloped arrangement. The 20' (6.1 m) long feeders are also available with a 120" (3048 mm) grizzly section in a stepped arrangement.

The grizzly bars are extra deep with an accentuated taper. This deep profile combined with the taper minimizes the occurrence of plugging and blinding. The bolt-in bars allow for a wider range of bar spacing to better match the crusher setting in any given application. They also provide greater control over the separation of fines.



**The Advantage Series VGF...  
making more product...more efficiently...more often.**

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

Effective Date: March 2012. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document 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. All rights are reserved. Terex is a registered trademark of Terex Corporation in the USA and many other countries. © 2012 Terex Corporation.

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