



**Terex<sup>®</sup> Minerals Processing Systems  
Cedarapids MVP**

# **MVP SERIES CONE CRUSHERS**



**WORKS FOR YOU.™**

# DEPENDABLE

## Quality Equipment and Support You Can Depend On

Terex® Minerals Processing Systems understands your business and we are dedicated to offering cost-effective solutions for your needs.

In today's competitive environment, you need to have high quality equipment. It's even better to know that your equipment is backed by an outstanding support network.

Customer satisfaction is our goal. Our service, parts, applications and sales teams are trained to provide our customers with crushing and screening process knowledge and fast friendly service. With over eight decades of experience and our leading edge technology, you can depend on us.





## Crush the Competition

### **Terex® Cedarapids MVP Crushers Conquer Challenges**

You wrestle with multiple challenges every day in the aggregates business: cutting costs, becoming more productive, meeting customer requirements, staying competitive. The Terex® Cedarapids MVP cone crusher is an industry leader that simply pulverizes everything that stands in the way of success. The advanced engineering of the MVP features the ElJay® roller bearing design and a hydropneumatic tramp iron relief system that revolutionized the industry. The complete MVP line includes four different models in stationary or portable configurations, from 149 to 373 kW, processing up to 730 tonnes per hour and capable of handling sand and gravel, shot rock and recycled materials. Each machine offers you an array of competitive advantages—from improved product quality, to higher throughput capacities, to lower operational costs. Terex® Cedarapids MVP—the leading force in compression crushers.

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# CRUSH MOUNTAINS

## Built To Deliver

### Tonnes of Advantages

It all comes down to delivering more tonnes of material cost effectively. Terex® Cedarapids MVP crushers make it no contest. They weigh in with sheer power, innovative technologies and time-tested reliability. Their performance gives you a low cost-per-tonne. You are able to meet the requirements of your customers for superior quality product. You are able to meet the needs of your business with a cost effective crusher—the MVP. Put it to work for you.

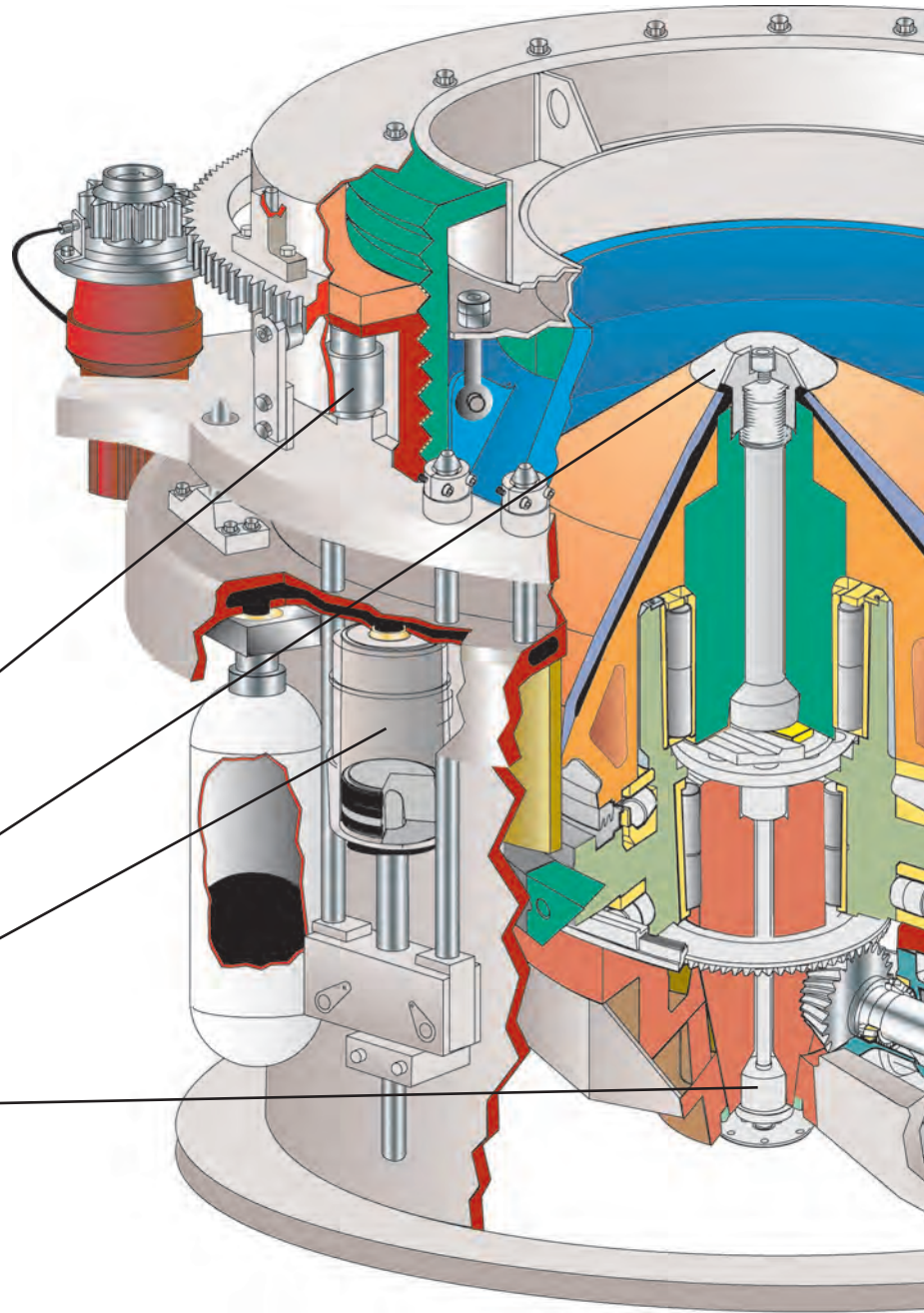
### Inner Strengths

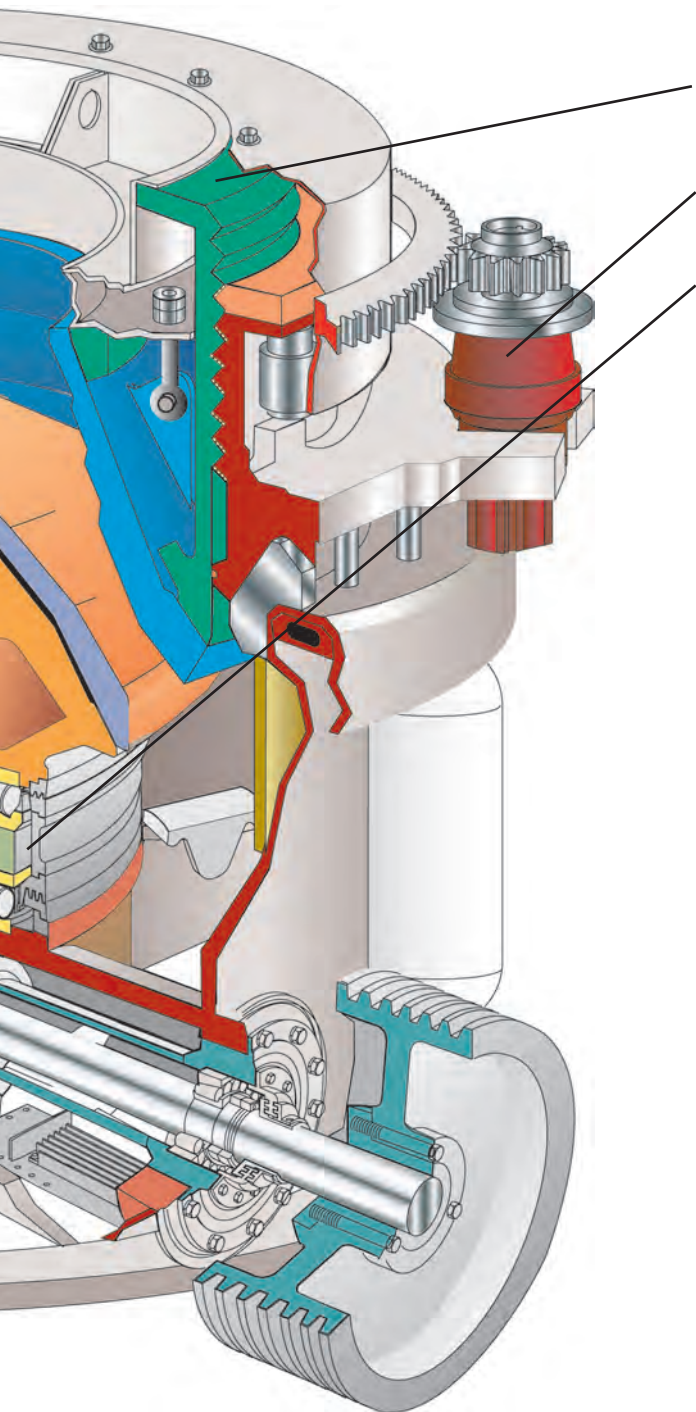
Clamp cylinders hold setting securely during crushing but also allow for adjustment under load

Full size feed opening with active upper head to better handle slabby feed

Tramp iron relief system for consistent passing of uncrushables

One-way clutch prevents head from spinning with empty chamber





Bowl assembly with easy-change liner and brass thread inserts for trouble-free adjustments under load

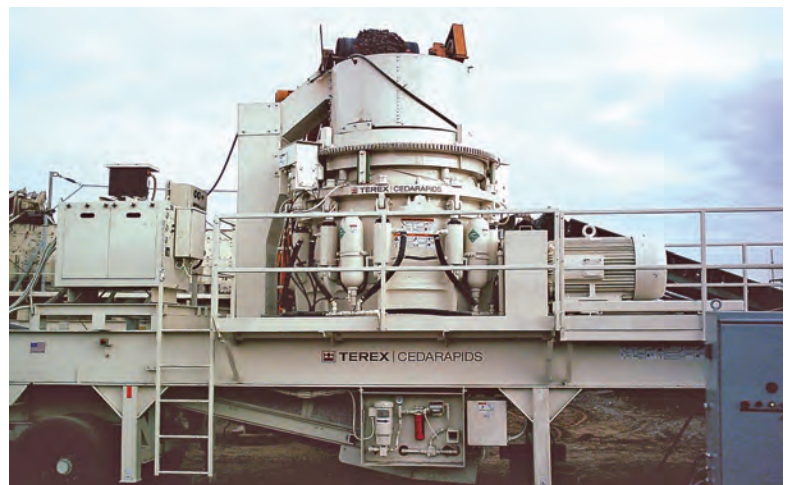
Hydraulic adjusting motor assembly for fast, safe operation

Wedge plate with roller bearings to distribute load 360 degrees around bearing

## Versatility and Value

Every detail of the Terex® Cedarapids MVP has been designed to provide superior performance. As a result, it offers high versatility and high value.

- ▶ High net tonnes of finished product per operating hour
- ▶ Ability to adjust under load means more production
- ▶ Ability to make Superpave materials
- ▶ Ability to operate in a true choke feed condition
- ▶ Ability to operate at tight settings



# RAISE YOUR STANDARDS

## Proven Capabilities

Whether it's a matter of capacity, quality, yield or efficiency, the Terex® Cedarapids MVP will take you to high levels of performance. The unique ElJay® Rollercone® design, famous for its efficiency, has proven itself for decades and with each succeeding generation the MVP has advanced the technology.



### High Capacity

- ▶ Full-sized feed entry easily handles large slabs
- ▶ Advanced head and chamber design minimizes hang-ups
- ▶ Roller bearing provides superior load carrying capacity

### High Quality

- ▶ Head angle and crushing chamber design enhances cubical product
- ▶ Remote, on-the-fly adjustment for fine tuning of output gradations
- ▶ Automation package optional

### High Yield

- ▶ Varying speeds and chambers produce more product, less waste
- ▶ High hold down pressure and optimum speed deliver greatest saleable product
- ▶ Optional computer control assures less downtime, more production



## Operating Time, Not Downtime

The very technologies that make the Terex® Cedarapids MVP so highly productive also help prevent downtime. The frictionless roller bearing generates less heat and provides extensive service life. An anti-spin mechanism prevents spinning of the cone head when empty, thus reducing excess wear. A heavy-duty cast base frame withstands the harshest applications to prolong the unit's service life. Replaceable counterweights maintain vibration-free performance. Hydropneumatic tramp iron relief system safely passes uncrushable materials. Every aspect of the MVP design was engineered to provide reliable operation day after day.

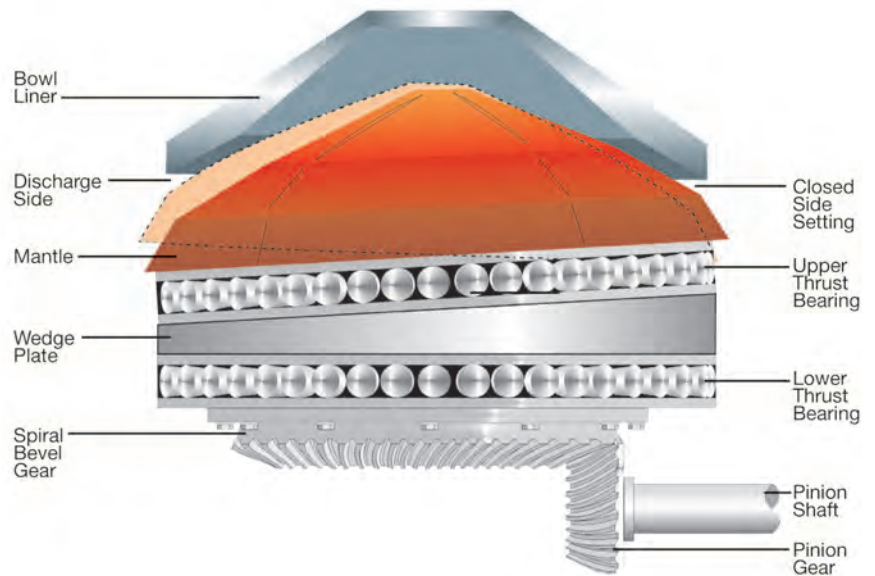


### High Efficiency

- ▶ Field-proven ElJay® Rollercone® roller bearing design converts high percentage of horsepower into crushing power
- ▶ More product produced per hour with less friction and heat
- ▶ Long crushing chamber with high retention results in more crush per pass

# Increase Your Crushing Power

Imagine crushing more product on the first pass. That's the efficiency of the MVP's proven rotating wedge plate design. It transmits a very high percentage of the input energy to direct crushing power. Riding the wedge plate with an eccentric motion, the cone head squeezes rock between the mantle and stationary bowl liner. Rock is crushed on the closed-side setting, and simultaneously discharged on the open-side setting. The wedge plate's roller bearings also contribute to improved productivity. Their tight tolerances reduce oversize to about 15% to 20% instead of the 30%+ typical for bronze-bushing cones when making 12.7 mm minus product. This allows more feed material in the circuit with less recirculation. The Terex® Cedarapids MVP offers you power, capacity, quality and ultimately, profitability.



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**Give us a call to learn more about our extensive equipment range.**

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

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