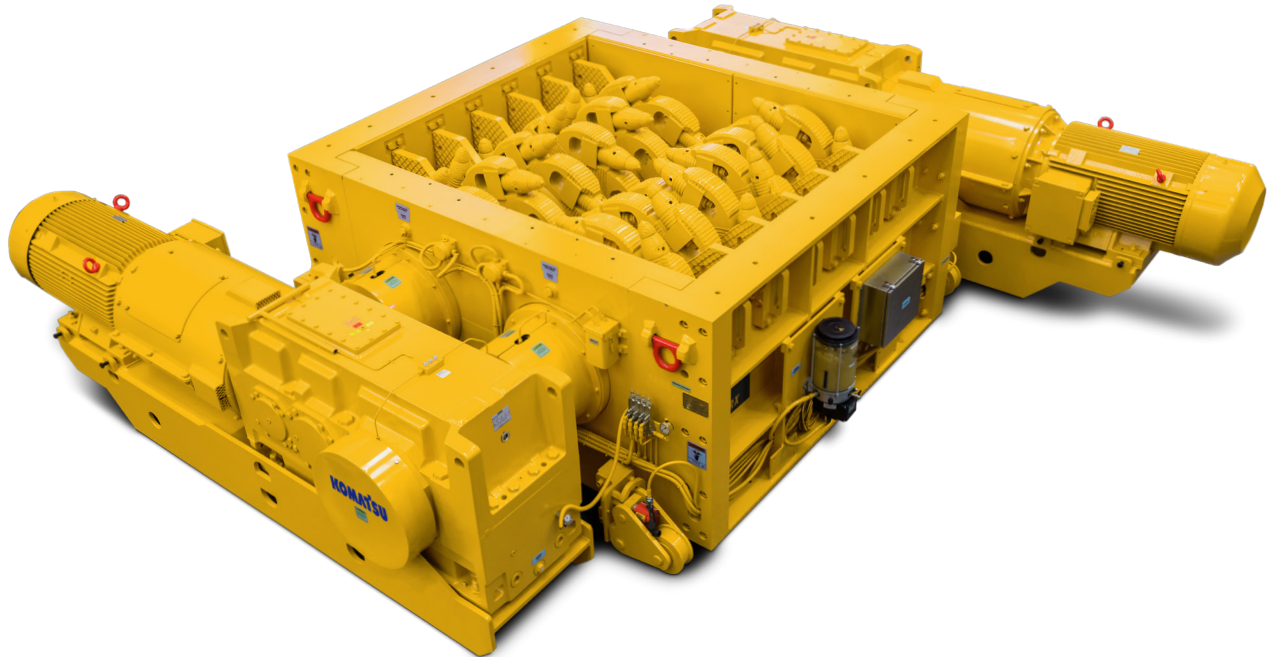


## HRX 1000 sizer



## A compact yet powerful sizer that performs with a variety of material

Designed to help your mine run more efficiently, the HRX 1000 sizer is a primary crusher that accepts run-of-mine material and crushes it to a size that can be easily and quickly transported on a belt conveyor. This machine is designed for harder and more abrasive minerals but can also efficiently crush wet, sticky materials without clogging. Innovative pick technology breaks minerals in tension — most minerals have a tensile strength of less than 10 percent of compressive strength.

### Quick benefits

- Crush hard, abrasive minerals
- High capacity in a compact package
- Easy-to-replace picks break rock in tension

### Quick specs

Centers	1 000 mm
Roll length	2 000 mm to 3 000 mm
Capacity	600-3 000 MTPH
Max feed size	≤1 000 mm

### High capacity and crushing ratios

High production capacity reduces the number of crushing dump stations required. Works with very large lump sizes.

### Cost-effective design

Features energy-efficient helical gear reducers, robust power transmission components, automatic lubrication system and extended-life one- and two-piece picks. Smart machine technology to monitor operation and predict maintenance requirements.

### Minimizes water and dust ingress

Many sites use water spray in the sizer to suppress dust and wash the mineral being crushed. Our sizers incorporate an outboard sealed bearing design with a custom seal arrangement to minimize water and dust ingress.

# HRX 1000: A primary sizer for hard, abrasive materials

## Designed to crush, even with wet, sticky materials

Clogging of crushers decreases production and increases operating costs. Many mines struggle with a combination of clay, marl and other sticky materials along with hard stones. Traditional hard rock jaw and gyratory crushers work well with hard material but can pack and clog with soft, sticky or wet feed. The HRX 1000 processes wet, sticky minerals that may typically clog other types of crushers. This productive machine can also work with a combination of hard abrasive minerals and wet sticky material.

## High capacity in a small package

The high production capacity of the HRX helps reduce installation costs, allowing one machine to perform the role of multiple alternate types of crushers. Suitable for mobile and underground applications, the HRX 1000 is also easy to relocate, which may help lower operating costs.

## Low fines generation

For many applications, fines are a waste product and represent lost production. If the mineral is being crushed for kiln feed, fines are incinerated in the kiln and lost. In heap leach operations, mineral fines increase acid consumption. The HRX 1000 uses pick technology to break minerals in tension. Tensile breaking reduces fines generation compared to compression crushing.

## Efficient replaceable pick design

The HRX 1000 uses an effective and easy-to-replace pick design that breaks rock in tension. This innovation allows this sizer to crush harder rocks with less force for your mining operation. Replaceable picks also lower component stresses that can help to increase reliability while potentially decreasing operating costs.



Discover how the HRX 1000 can optimize your mining operation. Talk to an expert today.

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