

Hydraulic Cone Crusher for Rock Crushing

The HPY hydraulic cone crusher is designed for secondary crushing of hard rocks like granite, basalt, and cobblestone. It features an automatic control system, high production capacity, and delivers a good grain shape.



ADDITIONAL IMAGES



Product Overview

High-Performance Hydraulic Cone Crusher

The HPY series hydraulic cone crusher is engineered for secondary crushing of hard rocks such as granite, cobble, and basalt. It utilizes a laminating crushing principle combined with an optimal crushing chamber and large eccentricity to deliver high productivity and superior grain shape. Designed for stability and efficiency, this machine features an integrated steel base frame for low installation costs and an advanced automation system for reliable operation.

Key Performance Metrics

Performance Metrics

High

Production Capacity

Secondary

Crushing Stage

Large

Eccentricity

Technical Features



The HPY series features a robust frame and advanced hydraulic adjustment system for precise discharge control.

Automation & Control

- Overloading protection
- Iron protection
- Discharging opening adjustment
- Cavity clearing
- Constant monitoring of oil temperature and pressure
- Motor load monitoring

Structural Design

- High strength fixed shaft structure
- Hydrodynamic lubrication design of copper bush
- Integral steel base frame
- Optimized swing frequency

Application & Versatility



Engineered for high throughput and consistent product sizing in demanding industrial environments.

Available Configurations

Standard Type • Short Head Type

Suitable Materials

Granite, Cobble, Basalt, Hard Rocks

Chamber Versatility

Chamber can be modified by changing liner, pulley, and adapter ring to meet specific production requirements.

Installation & Maintenance

Installation Profile

Low installation cost due to integral steel base frame design.

Lubrication System

Yes