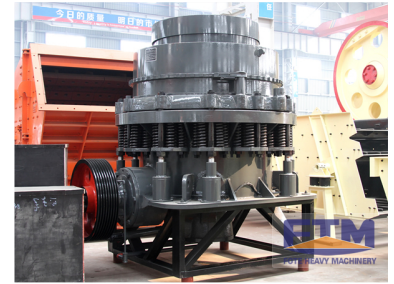


Cone Crusher for Rock and Ore Crushing

The cone crusher is designed for breaking large rocks into smaller rocks, gravel, or rock dust. It is widely used for medium and fine crushing of rocks with pressure under 350MPa in mining, cement, and sand industries.



ADDITIONAL IMAGES



Product Overview



A robust cone crusher designed for high-capacity rock processing in demanding mining environments.

High-Performance Rock & Ore Crushing

This cone crusher is engineered for breaking large rocks into smaller aggregates, gravel, or dust across mining, cement, and sand industries. It features a high-performance crushing chamber combined with high crushing frequency to significantly improve handling capacity. Designed for materials with pressure under 350MPa, it provides a reliable solution for medium and fine crushing requirements.

Performance Features

Crushing Capability

350 MPa

Max Material Pressure

480 t/h

Max Processing Capacity

Key Features

- Spring safety system for overload protection
- Automatic discharge of uncrushed materials
- Easy operation and maintenance
- Convenient discharge port adjustment
- High-performance crushing chamber

Application Areas

Mining, Cement Industry, Sand Production, Aggregate Processing, Metallurgy

Technical Specifications

Model Specifications Comparison

Model	Cone Diameter (mm)	Max Feed (mm)	Capacity (t/h)	Power (kW)	Weight (t)
PYB 600	600	65	12-25	30	5
PYD 600	600	35	12-23	30	5.5
PYB 900	900	115	50-90	55	11.2
PYZ 900	900	60	20-65	55	11.2
PYB 1200	1200	145	110-168	110	24.7
PYB 1750	1750	215	280-480	160	50.3

Safety System

Spring safety system for insurance against uncrushed materials

Main Shaft Swing Frequency

356

Operational Details

Eccentric Crushing Mechanism

The engine rotates the transmission shaft and conical part via an eccentric bushing. This force causes the crushing wall to move toward the mortar wall at intervals, impacting, squeezing, and bending the ore constantly within the chamber until the desired size reduction is achieved.