

# Cone Crusher for Material Reduction

This cone crusher is designed for reducing the size of rocks and ores in demanding environments. It features a heavy-duty construction and a conical crushing chamber for efficient and consistent material processing.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Material Reduction

This cone crusher is engineered for superior material reduction in mining, aggregate, and construction applications. Featuring a deep crushing cavity, it maximizes feeding and output capacity while maintaining a high crushing ratio for homogeneous final product sizes. Designed with energy efficiency in mind, the unit offers significant power savings of 15%-30% compared to standard models, while operating with reduced noise and dust levels.

## Key Features

### Operational Advantages

- Deep crushing cavity for increased capacity
- High reduction ratio with homogeneous output
- Adjustable discharge opening via gasket system
- Reliable lubrication system
- Energy-saving design (15-30% reduction)
- Low noise and dust operation

## Technical Specifications

### Model Comparison Table

Model	Head Diameter (mm)	Max Feed Size (mm)	Power (kW)	Weight (t)
PYB900	900	115	55	11.2
PYZ900	900	60	55	11.2
PYD900	900	50	55	11.3
PYB1200	1200	145	110	24.7
PYZ1200	1200	100	110	25
PYD1200	1200	50	110	25.3
PYB1200 (1750)	1750	215	160	50.3
PYZ1200 (1750)	1750	185	160	50.3
PYD1200 (1750)	1750	85	160	50.2
PYB1200 (2200)	2200	300	260	80
PYZ1200 (2200)	2200	230	260	80
PYD1200 (2200)	2200	100	260	81

### Performance Metrics

**30 %**

Max Energy Savings

**300 mm**

Max Feed Size

**280 kW**

Max Motor Power