

Multi-Cylinder Hydraulic Cone Crusher

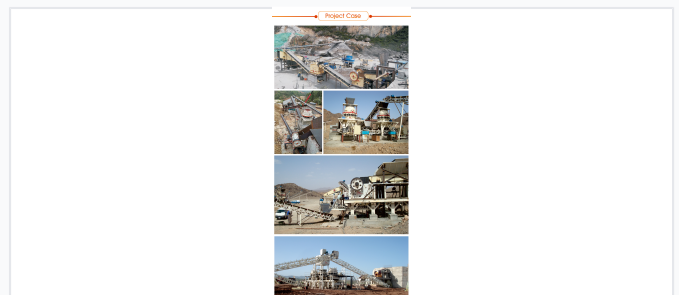
This cone crusher utilizes a multi-cylinder hydraulic system for reliable crushing force and precise control. Its heavy-duty construction ensures durability and is ideal for secondary and tertiary crushing stages.



Overview



Internal design featuring the main shaft, eccentric sleeve, and lock protection cylinder system.



The cone crusher in an active mining or aggregate processing environment.

High-Efficiency Crushing Performance

This multi-cylinder hydraulic cone crusher is engineered for medium and fine crushing of hard materials. By utilizing a fixed main shaft and eccentric sleeve rotation, it delivers superior crushing capacity and efficiency through the principle of laminated crushing. The advanced hydraulic lubrication system ensures reliable operation, while the PLC control system provides real-time monitoring and simplified management for enhanced safety and performance.

Key Features

Operational Advantages

- PLC integrated control system for simplified operation
- Advanced electrical monitoring with real-time parameter display and alarms
- Laminated crushing principle produces cubic-shaped aggregates with high fine particle content
- High manganese steel wear parts for extended service life
- Interchangeable cavity types for versatile processing requirements

Technical Specifications

Model Performance Data

Model	Capacity (t/h)	Standard Power (kW)	Max Power (kW)
HPY200	90-250	160	160
HPY300	120-630	220	250
HPY400	135-790	315	315
HPY500	220-1200	400	400
HPY800	310-1050	630	630

Wear Part Longevity Increase

35 %

Minimum Service Life Increase

82 %

Maximum Service Life Increase

Available Cavity Types

Extra-coarse (C1), Coarse (C2), Medium (M), Fine (F1), Extra-fine (F2)

Working Principle

Laminated crushing with fixed main shaft and rotating eccentric sleeve