

Vertical Shaft Impact Crusher Sand Making Machine

This vertical shaft impact crusher uses material impact for efficient sand production. It is designed with advanced technology for high efficiency and low energy consumption.



Overview

High-Efficiency Sand Making Technology

The PCL Vertical Shaft Impact Crusher is a high-efficiency, low-energy solution designed for medium and fine crushing as well as shape forming. Utilizing advanced impact technology, this machine is ideal for processing hard and abrasive materials like silicon carbide, sintered bauxite, and metallurgical slag. It delivers a superior cubic product shape with high piling density while maintaining low operational noise levels under 75 decibels.

Key Advantages

Operational Advantages

- Simple structure with low operating costs
- High crushing ratio with low energy consumption
- Easy maintenance and durable impeller design
- Handles moisture content up to 8%
- Produces cubic-shaped final products
- Low noise operation (under 75 dB)

Applications

Material Suitability

Metal Ores, Nonmetal Ores, Cement, Refractories, Abrasives, Glass Raw Materials, Construction Aggregate, Artificial Sand, Metallurgical Slag

Technical Specifications

Model Performance Data

| Model | Max Feed (mm) | Power (KW) | Output (t/h) | Weight (T) |
|----------|---------------|------------|--------------|------------|
| PCL-600 | 30 | 20-35 | 20-35 | 5.6 |
| PCL-750 | 35 | 74-110 | 35-55 | 7.3 |
| PCL-900 | 40 | 110-180 | 55-100 | 12.1 |
| PCL-1050 | 45 | 180-264 | 90-160 | 16.9 |
| PCL-1250 | 45 | 264-370 | 160-230 | 22 |
| PCL-1350 | 50 | 320-440 | 200-260 | 26 |