

Cone Sand Crusher

This cone sand making machine utilizes multi-cylinder hydraulic technology for efficient crushing. It is designed for mine production lines, making sand based on the 'rock grind rock' theory.

Parameter Name	Parameter Value		Unit
	SJ1000-ZS	SJ1300-ZS	
Max. Feeding	≤ 60	≤ 60	mm
Discharging Opening Adjusted Scope	8-19	8-19	mm
Capacity	100-120	115-140	t/h
Making sand only, the sand production capacity (size:5mm)	30-50	50-70	t/h
Electric Motor Power	132-160	160-185	kW
Electric Motor Rotate Speed	980	980	r/min
Electric Motor Voltage	380		V
Insurance cylinder pressure in total	250	280	t
Weight	17000	26000	kg

PS:
 1. The parameter weight in the table not contain the weight of electric engine, electric controlling equipment, lubricating equipment and hydraulic pressure equipment.
 2. the crusher parameter capacity in the table got in the following conditions:
 a) The material water content does not surpass 4%, not containing clay.

ADDITIONAL IMAGES



Overview

High-Efficiency Cone Sand Crusher

This robust cone sand crusher is engineered for high reliability and long service life, featuring a single-piece casting case. It offers versatile functionality, capable of crushing, shaping, and sand-making without needing additional equipment. Designed for durability and low maintenance, it efficiently processes various materials including pebble, basalt, marble, and granite, making it an ideal choice for mining and construction production lines.

Performance Metrics

Key Performance Metrics

140 t/h

Max Capacity

60 mm

Max Feeding Size

185 kW

Max Power

Technical Specifications

Model Comparison

Specification	SJ1000-ZS	SJ1300-ZS
Capacity (t/h)	100-120	115-140
Sand Production Capacity (d5mm)	30-50	50-70
Electric Motor Power (kW)	132-160	160-185
Weight (kg)	17000	26000
Insurance Cylinder Pressure (t)	250	280

Common Operational Parameters

- Max Feeding Size: d60 mm
- Discharging Opening Adjusted Scope: 8-19 mm
- Electric Motor Rotate Speed: 980 r/min
- Electric Motor Voltage: 380 V

Features & Benefits

Operational Advantages

- High reliability with single-piece casting case
- Multi-functional: Crushing, shaping, and sand-making in one unit
- Low operating and repair costs
- Wear-resistant parts life: 1500-2000+ hours
- Low electric power consumption per unit
- Water-wash compatible for increased capacity
- Integrated security and protection settings

Suitable Materials

Pebble, Basalt, Marble, Granite, Waste Rock, Gangue