

ROCKTECH CONE CRUSHER



“Rock Revolution by Rocktech”

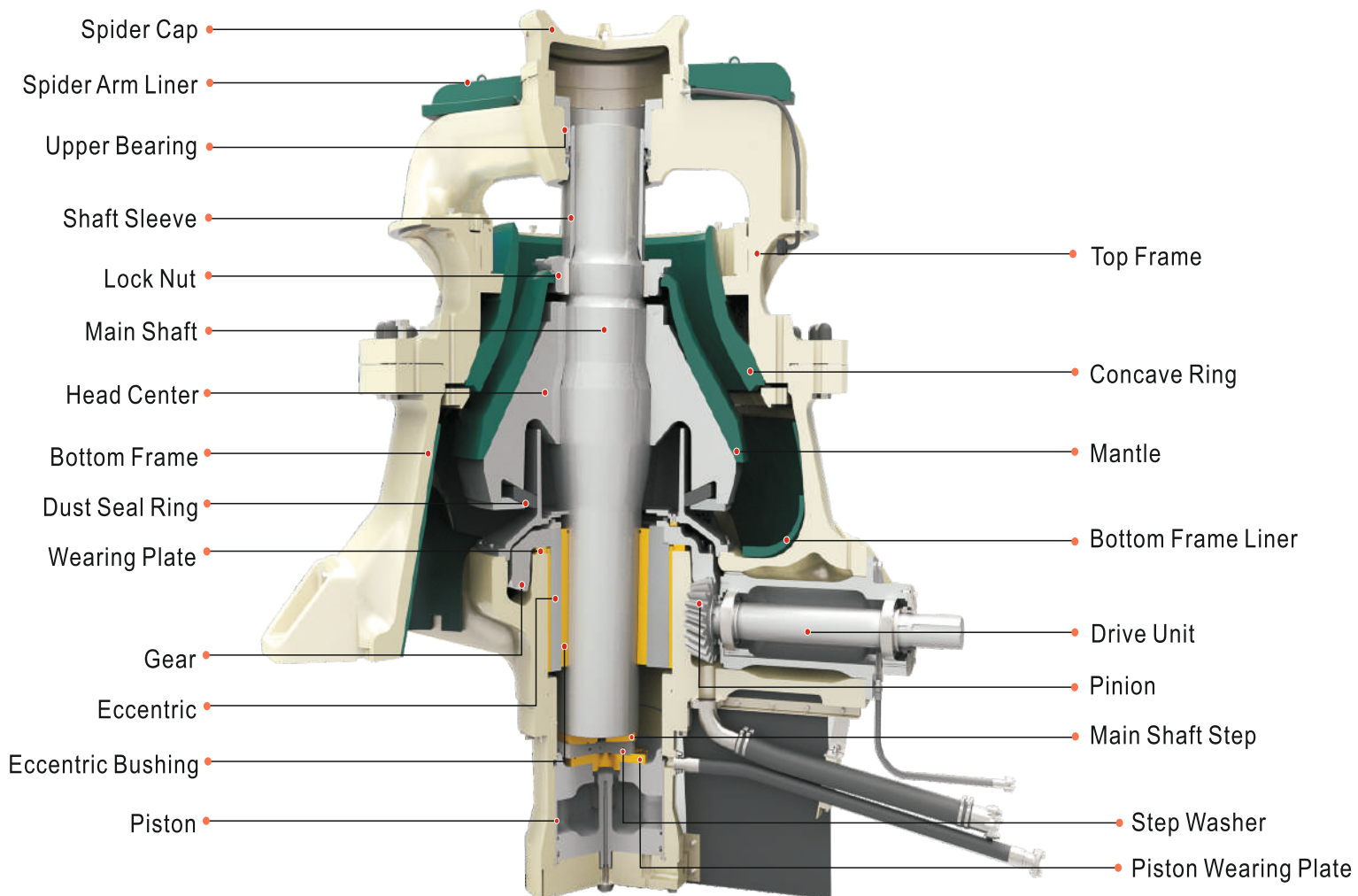
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RTCC SERIES SINGLE CYLINDER HYDRAULIC CONE CRUSHER

GENERAL INTRODUCTION

RTCC series single-cylinder cone crusher developed and manufactured by our company is currently the most advanced cone crusher in whole India. It aims at the high end market and is integrated with the advanced mechanical, electrical and hydraulic technologies as a whole, which achieves the perfect crushing efficiency. Rocktech cone crusher features in robust casting steel frame, forged alloy main shaft, and high accurate arc gear transmission system. Combined with one suitable crushing chamber from all optional and automatic control system, The Rocktech cone crusher could fully play its performance and advantages. It is widely used for the fine and coarse crushing of various kind of stones and minerals, which features in high crushing efficiency, and could meets different crushing requirement for our clients.

STRUCTURE



PRODUCT FEATURES

- **High Production Efficiency**

Scientific design of crushing chamber, large eccentricity, high swing frequency, lamination crushing and hydraulic controlled constant crushing force ensures more stable operation, bigger passing capacity, higher production efficiency and better products shape, as well as Reducing the power consumption to the least.

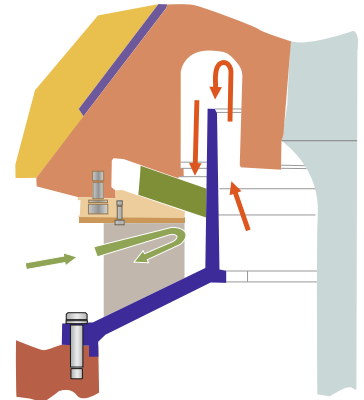


- **High Automation**

Automatic control system can realize the functions of overload protection, tramp iron protection, discharge opening adjustment, chamber cleaning, as well as monitor oil temperature, pressure and flow, machine loading. Discharge opening size, etc. so as to ensure the stable running of the machine.

- **High Load Capacity**

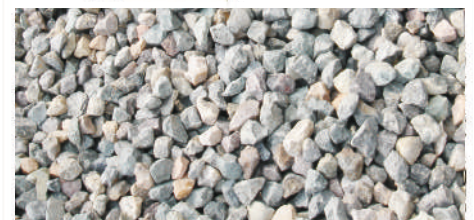
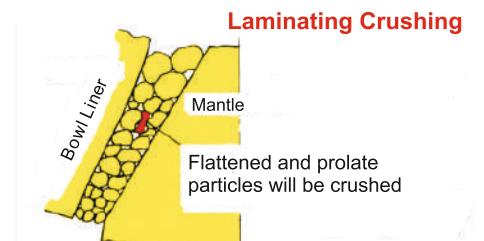
Enhanced main frame, main shaft adopting freely supported Beam structure, hydrodynamic lubrication designed copper sleeve, as well as sensitive and reliable overload protection system ensures the long and smooth running of the machine even in extremely harsh working condition.



Positive pressure anti-dust system

- **Wide Adaptability**

Rocktech cone crusher has two types: course crushing and fine crushing. Each type has various kinds of optional crushing chambers. By adjusting the eccentricity, it could adapt to different processing flow and working condition. By adjusting the rotational speed of transmission shaft, it could adjust the grading of finished products, so as to maximum the machine's value.



• Low Running Noise and Vibration

High accuracy of arc gear transmission structure features in Lower running noise, higher transmission efficiency and durable in use. Lower vibration of main machine and flexible supporting with overall steel frame minimize the vibration to the least, so as to reduce the cost of foundation.

• Lower Installation Cost

The overall steel base frame makes the installation more easy and time-saving to reduce the cost.



• Lower Operation Cost

Special designed crushing chamber, mantle, concave ring and material ensures higher utilization ratio and durable of liners, lower operation cost and minimized downtime. The positive pressure anti-dust system equipped on the machine ensures the clean of lubrication system. No extra grease seal and labour maintenance needed during operation. Most parts can be assembled and disassembled on the upper and lateral side, which makes the machine maintenance more labour - saving and time-saving.

TECHNICAL SPECIFICATION

Model	Ecc (mm)	Feeding Opening Size mm		Power (kW)	CSS (mm) / Throughput Capacity (TPH)				
		C	MC		25mm	30mm	35mm	40mm	45mm
RTCC-100	20	250		90	115-125	140-150	155-175	165-195	180-210
	25					180-190	195-215	205-225	
RTCC-R200	25		330	160		165-215	185-235	205-255	225-275
	32						225-275	265-315	275-345
RTCC-R300	32		380	250			350-390	370-410	390-430
	40							440-490	470-520

NOTE: Due to the difference of rocks and the size percentage, distribution and the practical capacity will be different.

Factory

Unit: 01

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