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CONE CRUSHER



FONG CHUAN
MACHINERY

■ ABOUT

SINCE 1982'

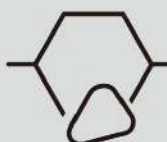
**COMPLETE STONE
CRUSHER PLANT
EQUIPMENT
AS WELL AS WASTE
RECYCLING EQUIPMENT.**



Supply



Crushing



Screening

Application

- ➔ Construction, building materials industry
- ➔ Mining, gravel industry
- ➔ Rock quarries, bark dust, topsoil manufacturers
- ➔ Resource Recycling, waste disposal treatment industry

COMPANY PROFILE

The service range of Fong Chuan Machinery Co., Ltd covers technical advisory, planning, design, manufacture, installation, maintenance, after-sale service and personnel training of complete stone crusher plant equipment as well as waste recycling equipment. For decades, the manufacture of our product takes a focus on engineering quality and production efficiency, and aims to bring more elaborate, ease as well as a lower consumption rate in the use and maintenance of the product. With a good will to help customers to reduce cost and promote productivity, the professional team of our company is well ready to provide specific solutions concerning crushing and screening on different application through an optimized design as well as manufacture/ production process.

CONE CRUSHER

Main Shaft

Inside the cone crusher, the main shaft adopt an asymmetric vertical design and are made of high tensile strength, high hardness ni-cr-mo steel to ensure a sufficient workload and high stability as well as a smooth crushing operation.



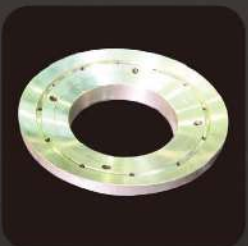
Lubrication System

It's an external oil supply unit, also known as Lube Oil Cooling System, for circulating lubrication, oil cleaning and cooling. Driven by the hydraulic pressure pump, constant flow of lubrication oil is transported from the external oil supply unit to the main drive in order to further reduce the friction between shaft and eccentric bushing, socked liner, bevel gears system and other operation parts, and to limit the heat generated so as to maintain the lubricant at optimal temperature, which helps extending parts life, ensuring smooth crushing process and reliable running.



Concave & Mantle

The concave and mantle of cone crusher are made of high hardness anti-wearing high manganese steel. The firm attachment of concave is achieved through a tenon design. While the quality and the productivity of the crushing operation are improved, the service life of the concave and mantle are also prolonged.





CONE CRUSHER

INTRODUCTION

The FongChuan Cone Crusher Series is aimed to achieve a high performance on the basis of an advanced design. Within a FongChuan Cone Crusher, the oscillating shafts are made of Ni-Cr-Mo steel to ensure an outstanding strength and stability, and the crushing plate is made of high manganese steel to facilitate an efficient crushing. The cone crusher has gained a good name in the market for its outstanding performance, solid structure and easy operation, and is now widely used in areas like secondary and tertiary crushing of hard rock and gravel aggregate, crushing work for resource recycling treatment, incinerator residue segregation, solid waste processing, smelting by-product isolation and sorting of building materials for remanufacturing purpose.

According to the particle size, specific gravity, dryness and viscosity of the screening materials and the varied requirements on products, cone crusher able to produce large, medium or small particle size product can be supplied by the FongChuan Machinery Co., Ltd.

Functions of the FongChuan Cone Crushers

- FCCC Model is suitable for a large particle size production;
- FCCF Model is suitable for a medium particle size production;
- FCCSH Model is suitable for a small particle size production.

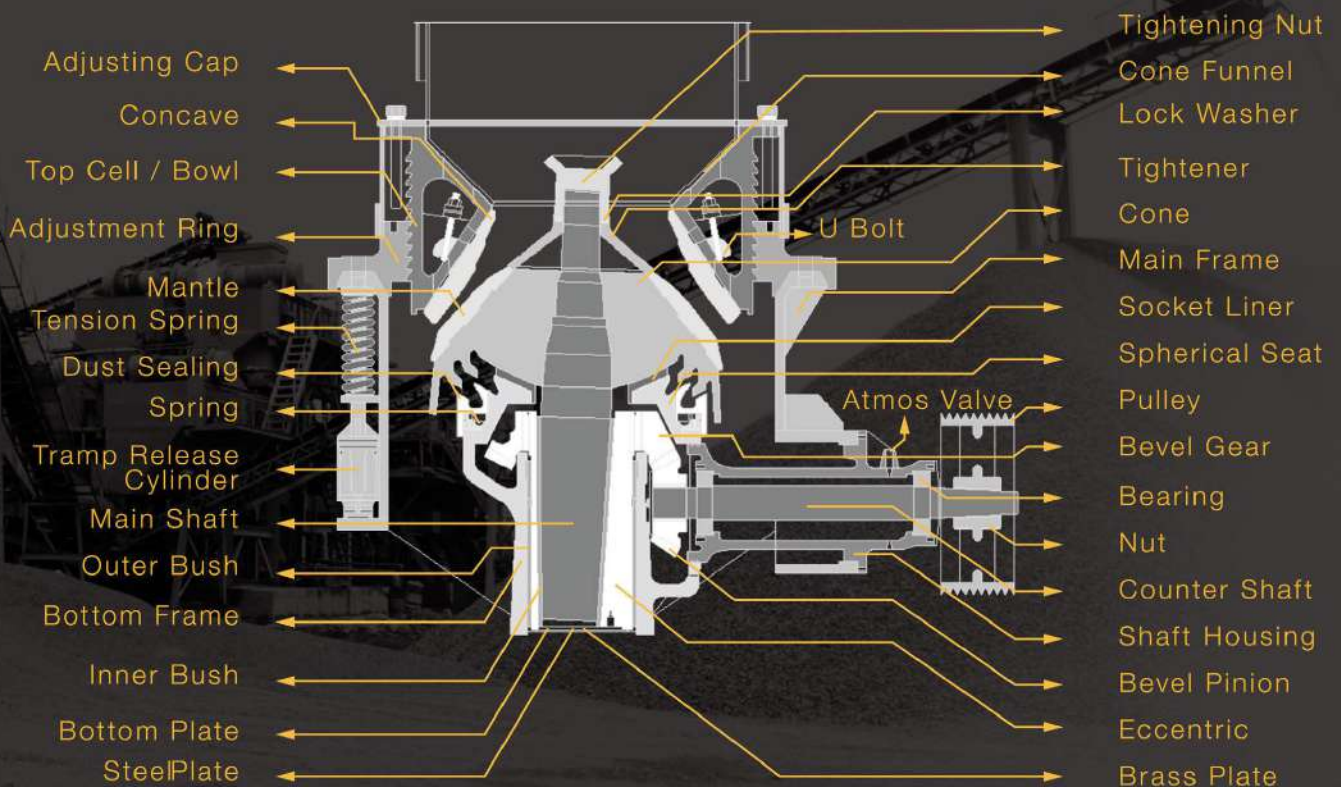
Benefits of the FongChuan Cone Crushers

- Excellent productivity with low energy consumption;
- Fine-quality product with low reworking rate (i.e. less over size product);
- Extensive application;
- Low cost for maintenance;
- Easy to operate, no staff is needed to be charged with the supervisory duty.

FULL FIGURE



Crusher



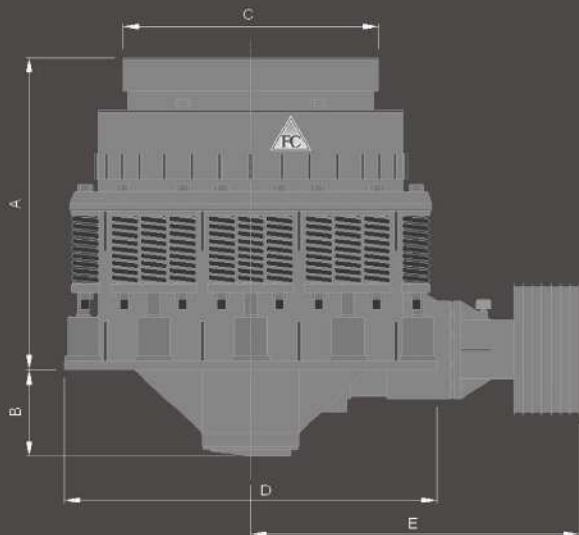
SPECIFICATIONS

MODEL	Diameter of Cone (mm)	Recommended max feed opening (mm)	Recommended min discharge opening (mm)	Capacity(T/H) of close-side discharge opening size (mm)					Motor Power		Rotating speed (R.P.M)	Weight (KG)
				15	20	25	30	40	HP	P		
				70-90	95-130	125-145	140-165	160-185				
FCCC-900	900	130	15-30	70-90	95-130	125-145	140-165	160-185	100	6	630	15000
FCCF-900	900	90	15-30	60-75	70-85	80-120			100	6	630	15000
FCCSH-900	900	50	15-30	55-70	65-95				100	6	630	15000
FCCC-1200	1200	200	15-30	190-220	210-240	230-280	270-320	290-350	200	6	560	22000
FCCSH-1200	1200	200	15-30	190-220	210-240	230-280	270-320	290-350	200	6	650	22000
FCCC-1370	1370	220	15-30		265-320	255-345	320-370	355-430	300	6	560	25000
FCCF-1370	1370	160	15-30	175-200	230-265	250-290	265-310		300	6	560	25000

Note: Technical data may change due the technical progress.
Specifications and dimensions are subject to modification without notice.

OVERALL DIMENSIONS

Mode	Dimensions (mm)				
	A	B	C	D	E
900	1800	510	1100	1700	1650
1200	2200	560	1400	2065	1870
1370	2400	610	1550	2200	2000





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