

CONE CRUSHER



The Conmix Cone crusher has remarkable high nominal power, effective stroke and cavity range, which really brings great benefits and flexibility to the process. The large feed opening allows the possibility for the Conmix Cone Crusher to be used as a secondary crusher as well.

Much attention has been paid to making our crushers as easy to operate and maintain as possible.

Robust sealing to the inner crusher mechanics provides more effective protection against dust and other unwanted particles – reducing maintenance and increasing the life of the crusher.

Long life from liners of special alloy manganese steel. An automatic overload protection system is standard. Our cavity design reduces wear on the feed opening and minimizes the weakening of wear parts throughout the life of the liner. This ensures steady crusher through-put capacity and plant operation through wear part life.

Cone crushers are designed to give utmost performance in a extensive variety of crushing processes, from secondary to extra fine crushing, and from stationary to highly mobile applications. Full Process flexibility is the result of being able to use several diverse crushing cavities in the same frame structure.

Conmix has used its long experience in design, and its know-how in wear parts to minimize the cost of worn manganese per tons produced by keeping the cavity full, compensating for wear, maximizing the availability of the unit, maximum utilisation of liners and offering valuable operating data.

If any further details are required please feel free to contact us. We shall be glad to respond you promptly.

WORKING PRINCIPLE

The working principle of Conmix Cone Crusher is to be useful for primary crushing, secondary crushing and final crushing as well.

With the higher production and higher quality, it is becoming more and more popular among construction companies. What's more, its lower cost and easier maintenance promote its popularity.

The Cone Crusher plays an important role in different industries, such as construction industry, chemical industry and metallurgical industry. It can be used to crush both hard and medium hard materials, such as

limestone, iron ores and copper ores. When it comes to its production cavity, it is based on the types of the materials.

The main parts of the Cone Crusher are transmission device, crushing cone, bowl-shaped bearing, frame and hollow eccentric shaft. Besides, the size of the crushed materials is adjustable. You can adjust the discharge opening by the springs and hydraulic pressure station to produce materials which are suitable for your project.

When the Cone Crusher is operated, the powerful motor drives the shaft. Then the shaft will force the axle of crushing cone wings to swing and the crushing wall will move against each other.

Finally, the materials will be pressed and crushed. The materials which are in suitable size will drop through the discharge opening. Compared with other crushers, the working principle of cone crusher is more powerful and if you are interested in other crushers, and you are welcomed to contact us via email or phone and we are waiting for your visit at any time.

<http://conmixcrusher.com/cone-crusher/>

FEATURES

- First indigenous manufacturer of track mounted mobile crushing plant with Cone Crusher
- Quick replacement of wear parts
- Uniform gradation throughout the wearing life
- Specially designed crushing chamber gives constant high production
- Hydraulic gap adjustment
- Bearing system permits higher r.p.m.
- Higher fulcrum point and increased throw perform more work per cycle

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- New tramp release system provides better protection from mechanical
- Overload

APPLICATION

- Mining
- Aggregate
- Demolition
- Construction
- Environmental
- Granite, River gravel
- Lime Stone, Coal
- Reduced no-load head spin
- Increased reliability and reduced maintenance
- More efficient use of electrical power

TECHNICAL SPECIFICATION

No.	Model	Capacity TPH	Power HP
01	800SH	50-90	100-150
02	800S	70-150	100-150
03	1000S	120-250	200-250
04	1200HP	150-400	200-300