



河南红星矿山机器有限公司

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Sand Maker



Introduction:

HX series impact crusher is a high-efficiency rock crushing equipment with home and international leading level; the machine is developed by introducing the crushing theory and technology from Barmag Company of America and combining the actual situation of sand making. It is widely used for crushing of hard and brittle materials, such as rock, grinding material, refractory material, cement clinker, quartzite, iron ore and concrete aggregate; and it is especially suitable for the sand and sandstone making for construction and road paving.

Working principle:

Material falls into the high-speed turning impellers from the top of machine and crushes with the material distributed around the impeller under the effect of high speed centrifugal force. After the impact with each other, the material is crushed between impeller and cabinet and is discharged from the bottom. It can cycle many times with the close circuit and the sizing device will control the granularity of finished products.



Characteristics:

- 1) This machine is a new type rock crushing equipment developed in the 1990s and is used for substituting roller and ball mill.
- 2) The structure is simple and the operation is stable;
- 3) Low energy consumption, high output and big reduction ratio;
- 4) Small bulk, convenient operation, installation and maintenance;
- 5) The product is in the cubic shape with small iron pollution;
- 6) During the process, the stone rock can form a protective bottom layer which makes the equipment more durable;
- 7) Some easy wear parts adopt hard and wear-resistant materials and have small bulk and light weight, so that it can be changed easily.

HX Series impact crusher Specifications & Performance

Type	Max. feeding size(mm)	Power (KW)	Rotation speed (r/min)	Capacity (t/h)	Dimensions (mm)	Total Weight (kg)
HX-600	35	37-55	2000-3000	12-30	2500×1620×2600	5600
HX-750	45	55-75	1500-2500	25-55	2700×1760×2800	7600
HX-900	50	110-150	1200-2000	55-100	3900×2000×3070	12600
HX-1050	60	150-180	1000-1700	100-160	4600×2350×3450	17300
HX-1250	60	264-320	850-1450	160-300	4500×2400×3700	22500
HX-1350	60	320-400	800-1193	200-360	5200×2700×3800	27600

Note: processing capacity may vary with different materials and feeding size.