

Hammer Crucher

The material crushed by the Hammer Crusher (Hammer Mill) through the collisions between high-speed hammer and materials. The PC Hammer Crusher(Hammer Mill) were developed for both dry and wet crushing of brittle, medium-hard materials for the mining, cement, coal, metallurgic, construction material, road building, and petroleum & chemical industries.

Working Principle of Hammer Crusher:

The motor drives the rotor rotates of the Hammer Crusher at a high speed through the belt, and on the rotor there are series hammers. When the materials get into the working area of hammers, they are crushed by the rotating hammers of the Hammer Crusher with high rotation speed, the products which are crushed to meet the required size can be discharged by the outlet and become the final products, the large size products are brought back to the crushed area by the hammers of the Hammer Crusher for being re-crushed until they reached the required size.



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Model	Input Size (mm)	Output Size (mm)	Capacity (t/h)	Power (kW)	Weight (t)
PC400x300	< 100	< 15	5~10	11	0.8
PC600x400	< 200	< 15	10~25	22	1.5
PC800x600	< 350	< 15	20~50	55	4.7
PC800x1000	< 400	< 15	20~75	75	7.9

Belt Conveyor

Belt Conveyor is a kind of machine that to transfer the material continuously. The belt works under the effect of frictional force. It is not only the components to transfer the material, but also the components to transfer the force. The Belt Conveyor is advanced and simple in structure, easy to maintain. Its transfer capacity is high, transfer distance is long. They are widely used in mining, metallurgical and coal industry to transfer sandy or lump material, or packaged material. In many situation, it is a very important component of nonstandard machinery.



Technical Data of Belt Conveyor:

BeltWidth (mm)	Belt Length (m)/Power (KW)		Belt Speed (m/s)	Capacity (t/h)
400	£12/1.5	12-20/2.2	20-25/3	40-80
500	£12/3	12-20/4	20-30/5.5	78-191
650	£12/4	12-20/5.5	20-30/7.5	131-323
800	£10/4	10-15/5.5	15-25/7.5	278-546
1000	£10/5.5	10-20/7.5	20-25/11	435-853
1200	£10/7.5	12-20/11	20-25/15	655-1284
Note:actual power will be decided by the complete set.				

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Max. angle when working:

Material	b	Material	b	Material	b	Material	b
Lump coal	18°	0-120mm ore	18°	Wet concentrate (moisture 12%)	20°	Salt	20°
raw coal	20°	0-60mm ore	20°	Dry concentrate	18°	Moulding sand	40°
Coal powder after washing (1)	21°	40-80mm bituminous shale	18°	Limestone after screening	12°	Waste sand	20°
Hard coke after screening	17°	20-40mm bituminous shale	20°	dry sand	15°	Stone with screening	18°
0-25mm hard coke	18°	0-200mm bituminous shale	22°	Sand mixed with gravel	18-20°	cement	20°
0-3mm hard coke	20°	Dry and loose earth	20°	Quarry sand	20°	Blocky dry clay	15-18°
0-350mm ores (2)	16°	Wet earth	20-23°	Wet sand	23°	Powder dry clay	22°

Note: (1) Including clean coal, middings coal and waste coal. (2) Including ferrous metal, non-ferrous metal, rock, limestone and so on.

Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!