

Jaw Crusher

颞式破碎机



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用途及适用范围

颞式破碎机广泛应用于矿山、建材、化工、冶金等行业，可对抗压强度不大于320MPa的各种矿石、岩石等物料进行粗、中碎作业。

工作原理

颞式破碎机由电动机驱动皮带和皮带轮，通过偏心轴使动颞上下运动，当动颞下行时，定颞与动颞间夹角变小，物料被压碎达到破碎目的；当动颞上升时，定颞和动颞间夹角变大，动颞板在拉杆、弹簧的作用下离开定颞板，此时已破碎物料从破碎腔下口排出。

性能特点

1. 结构简单，使用维护方便；
2. 破碎比大，产品粒度均匀；
3. 性能稳定，使用成本低；
4. 噪音低，粉尘少。

Usage and Application

The jaw crusher is widely used in mining, building materials, chemical industry, metallurgy and so on. It is suitable for primary and secondary crushing all kinds of minerals and rocks with compressive strength less than 320 MPa.

Working Principle

The belt and belt pulley are driven by a motor, and the movable jaw moves up and down via eccentric shaft. The angle between fixed jaw and movable jaw becomes smaller when the moving jaw runs down, then the materials are crushed into pieces. It becomes bigger when the movable jaw runs up. The movable jaw plate leaves the fixed jaw plate under the action of tension rod and spring, then the end products come out from the crushing cavity.

Working Principle

1. Simple structure, convenient maintenance;
2. High crushing ratio, even output granularity;
3. High reliability, low investment;
4. Low noise, less dust.



主要技术参数 / Main Specifications

项目 型号 Model	进料口 Feed Opening Size(mm)	最大进料 边长 Max. Feeding Size(mm)	出料口可 调节范围 Adjustable Range of Output Size(mm)	产量 Capacity (t/h)	电机功率 Motor Power (kw)	重量 Weight (t)	外形尺寸 Overall Dimension (mm)
PE250×400	250×400	200	20-50	5-20	15	2.9	1430×1310×1340
PE400×600	400×600	350	40-100	15-60	30-37	6.8	1700×1732×1653
PE500×750	500×750	425	50-100	40-100	45-55	11.2	2035×1921×2000
PE600×900	600×900	480	65-160	60-140	55-75	16.5	2290×2206×2370
PE750×1060	750×1060	630	80-150	80-230	90-110	29	2655×2302×3110
PE900×1200	900×1200	750	95-165	140-320	110-132	54.5	3789×3050×3025
PE1000×1200	1000×1200	850	105-185	180-400	160-200	56.5	3900×3320×3280
PE1200×1500	1200×1500	1020	150-300	250-650	220-250	99.6	4300×3540×4043
PEX150×250	150×250	125	10-40	1-3	5.5	0.85	896×745×935
PEX150×750	150×750	125	12-45	5-16	15	3.8	1205×1495×1203
PEX250×750	250×750	210	25-60	10-40	22-30	5	1667×1545×1020
PEX250×1000	250×1000	210	25-60	15-50	30-37	6.8	1964×1550×1380
PEX250×1200	250×1200	210	25-60	20-60	37-45	8.5	2192×1605×1415
PEX400×1200	400×1200	320	35-95	28-95	45-55	11.7	2256×2100×1960

注：技术数据如有变动，恕不另行通知。

Note: Any Change of technical data shall not be advised additionally.



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