

多缸液压圆锥破碎机 | Multi Cylinder Hydraulic Cone Crusher

产品介绍 Product introduction

多缸液压圆锥破碎机是引进德国最新的技术而开发的具有世界先进水平的高能圆锥破碎机，它是破碎速度、偏心距（冲程）以及高性能破碎腔型设计的完美结合。它不但提高了生产能力和破碎效率，还扩大了应用范围，从石灰石到玄武岩，从石料生产到各种矿石破碎，它都可以在各种中碎、细碎、超细碎作业中提供无与伦比的破碎性能。其高转速、高破碎容量与独特的专利设计令破碎后的成品具有极其优质的立方体型，而易于维护的特点又可确保超凡的高稳定性操作，在世界各地享有盛名，是当今矿山建筑行业替代弹簧圆锥破碎机和更新一般液压圆锥破碎机的最新一代产品。

Multi cylinder hydraulic cone crusher is a world advanced high energy cone crusher developed by introducing the latest technology from Germany. It is a perfect combination of crushing speed, eccentricity (stroke) and high-performance crushing cavity design. It not only improves the production capacity and crushing efficiency, but also expands the scope of application. From limestone to basalt, from stone production to various ore crushing, it can provide unparalleled crushing performance in various medium crushing, fine crushing and ultra fine crushing operations. Its high-speed, high crushing capacity and unique patent design make the crushed products have extremely high-quality cubic shape, and the characteristics of easy maintenance can ensure extraordinary high stability operation. It is famous all over the world. It is the latest generation of products replacing spring cone crusher and renewing general hydraulic cone crusher in the mining construction industry.



产品特点 Product characteristics

多缸液压圆锥破碎机是我公司引进德国技术，结合中国金属材料的性能为满足发展中国家的需求而设计的一种高效破碎机。它具有如下特点：

- 1、高效率：该机采用固定主轴、小球面轴互等的优化结构，比老式弹簧圆锥破的效率离5%~15%。
- 2、生产能力大：该机将破碎冲程、破碎速度以及破碎腔形状的完美组合设计，使该机在破碎锥尺寸相同的情况下，比老式弹簧圆锥破的产量高35%~60%。
- 3、高质量的石子：该机采用特有的层压破碎原理，产生颗粒间的破碎作用，从而使成品申立方体所占的比例明显增高，针片状石子减少，粒级更为均匀。
- 4、更稳定的运行：当有铁块等不能破碎的硬物进入机内时，过铁保护装置会自动将其释放，然后立即复位。
- 5、多点分体的液压润滑控制系统，可确保该机轴承润滑的双重保护以及过载保护。

Multi cylinder hydraulic cone crusher is an efficient crusher designed by our company to meet the needs of developing countries by introducing German technology and combining with the properties of Chinese metal materials. It has the following characteristics:

1. High efficiency: the machine adopts the optimized structure of fixed main shaft and small spherical surface shaft, which is 5% - 15% higher than the old-fashioned spring cone breaking efficiency.

2. Large production capacity: the perfect combination design of crushing stroke, crushing speed and crushing chamber shape makes the output of the crusher 35% - 60% higher than that of the old-fashioned spring cone under the same crushing cone size.

3. High quality stones: This machine adopts the unique lamination crushing principle to produce the crushing effect between particles, so that the proportion of the finished product shencube is significantly increased, the needle flake stones are reduced, and the particle grade is more uniform.

4. More stable operation: when there are iron blocks and other hard objects that cannot be broken into the machine, the iron passing protection device will automatically release them, and then reset them immediately.

5. The multi-point hydraulic lubrication control system can ensure the double protection of bearing lubrication and overload protection.



多缸液压圆锥破碎机广泛应用于金属与非金属矿、水泥厂，砂石冶金等行业。适用中细碎普氏硬度 $\leq 5\sim 16$ 的各种矿石和岩石，如铁矿石、有色金属矿石、花岗岩、石灰岩、石英岩、沙岩、鹅卵石等。

Multi cylinder hydraulic cone crusher is widely used in metal and non-metal ore, cement plant, sand metallurgy and other industries. It is applicable to all kinds of ores and rocks with medium and fine particle hardness $\leq 5 \sim 16$, such as iron ore, nonferrous metal ore, granite, limestone, quartzite, sandstone, pebble, etc.

主要技术参数 Main technical parameters

型号 Model	破碎腔类型 Cavity type	最小排料口 Minimum discharge port (mm)	给料口 material inlet (mm)	产量 yield (t/h)	电机功率 power of motor (KW)	重量 weight (t)
HPT-200	F (细)	13	95	120-200	160	13.4
	M (中)	16	120	140-220		
	C (粗)	19	190	150-250		
HPT-300	F (超细)	10	80	100-240	250	18.1
	F (细)	13	105	110-260		
	M (中)	16	150	175-320		
	C (粗)	20	210	190-380		
HPT-400	EC (超粗)	25	230	220-440	315	26
	F (细)	14	110	185-345		
	M (中)	20	196	255-430		
	C (粗)	25	251	295-560		
HPT-500	EC (超粗)	30	295	325-630	400	37
	F (超细)	13	95	200-430		
	F (细)	16	135	280-455		
	M (中)	22	210	345-605		
	C (粗)	30	290	405-790		
	EC (超粗)	38	330	445-855		