

Cone Crusher Parts

Common Name: Concave, mantle, moving cone liner, fixed cone liner, bowl liners, cone crusher parts.

Main Textures: High manganese steel (Mn13, Mn13Cr2, Mn18, Mn18Cr2)

Casting Process: Foundry casting, V method casting, lost foam casting

Available Material: River gravel, granite, basalt, iron ore, limestone, quartz, diabase, iron ore, gold, copper, etc.

Application Scope: Sand and gravel quarry, concrete mixing plants, dry mortar, desulfurization plant, quartz sand, etc.

Description of product:

Cone crusher is widely used in metallurgy, construction, mining and other industries, it can be used as secondary crushing, and three or four level crush. Hydraulic cone crusher, compound cone crusher, spring cone crusher 's various consumable parts are collectively called cone crusher accessories. Cone crusher main frame structure, the horizontal axis, moving cone, balancing wheel, eccentric, up bowl (fixed cone liner), under bowl (dynamic cone liner), fluid couplings, lubrication several parts system, hydraulic system, control system, the concave is the most common wear-resistant parts.

M13 Concave

Mn13 has a high tensile strength, ductility and toughness as well as non-magnetic, even if the parts too thin, it is able to withstand greater impact loads without rupture, it can be used to cast a variety of impact-resistant wear parts.

Mn13Cr2 Concave

Mn13Cr2 when reduce the traditional high manganese steel C, and Mn, adding Cr element, which can make up for the shortcomings of traditional high manganese steel toughness defect, effectively extending the service life of wear-resistant parts.

Mn18 Concave

Wear resistant manganese steel casting is the oldest and most widely used. Especially the standard of Mn18 high manganese steel concave with manganese and high carbon content; cast microstructure is austenitic steel and carbide, after 1050 °C water toughening treatment, the vast majority of carbide solid solution in Austria's body.

Mn18Cr2 Concave

Using the material Mn18Cr2, the complex modification, grain refinement, grain boundary purification; Casting solidification control mode, optimization of heat treatment process, casting becomes to high hardness and good toughness, impact resistant, it is suitable for medium-sized cone crusher jobs.

New composite Concave

Low-cost high-manganese steel or ultra-high manganese steel wear parts for large matrix material at their work site complex mosaic carbide, the wear surface of the double-metal composite wear-resistant member having excellent wear resistance, non-abrasive surface has excellent ductility and toughness, reduce wear high manganese steel substrate, so that cone crusher concave substantial increase in life.

Hubei JYS Advanced Wear Resistant Material Technology Co.,LTD is a professional carbon steel casting factory, To improve the concave performance, we made many alloying study micro-alloyed carbon manganese content adjustment and precipitation hardening process and other aspects of the new micro-alloy developed by the concave, similar products has 20% difference, it is applied in production practice, and get customer recognition.

PERFORMANCE CHARACTERISTICS:



BETTER QUALITY

Smoothly surface, without sticky sand, gravel, porosity, shrinkage and other casting defects. High intrinsic quality, has good resistance to high loads and strong Weeks when impact, friction



COST-EFFECTIVE

Cost-effective when use the new composite concave, it can be reduced by half the cost of investment casting wear.



LONGER LIFE

New composite concave using the new composite materials casting, longer life, higher crushing efficiency



WIDE RANGE OF APPLICATION

Broad areas, new composite concave is widely used in iron ore, nonferrous metal ore, granite, quartzite, pebbles, etc.

Technical Parameters:

specification	type	crushing cone diameter (mm)	The maximum feed size (mm)	The discharge width (mm)	Processing capacity (t/h)	Motor Power (kw)
Φ600	PYB600	600	65	12-25	40	30
	PYD600		35	3-13	12-23	
Φ900	PYB900	900	115	15-50	50-90	55
	PYZ900		60	5-20	20-65	
	PYD900		50	3-13	15-50	
Φ1200	PYB1200	1200	145	20-50	110-168	110
	PYZ1200		100	8-25	42-135	
	PYD1200		50	3-15	18-105	
Φ1750	PYB1750	1750	215	25-50	280-480	160
	PYZ1750		185	10-30	115-320	
	PYD1750		85	5-13	75-230	
Φ2200	PYB2200	2200	300	30-60	59-1000	280-260
	PYZ2200		230	10-30	200-580	
	PYD2200		100	5-15	120-340	

Here is only some type for cone crusher parts. As the improvement of product, the specifications are changed. If you need the further information, please contact our sales or Email to us, or welcome to visit our factory.

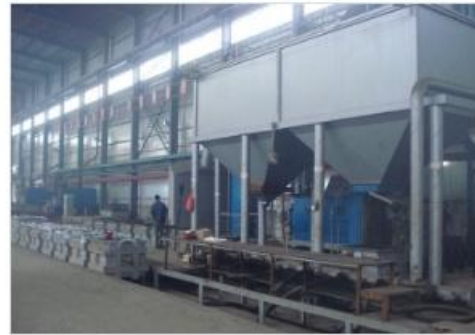


Enterprise strength:

We have two sand casting production line, one vacuum casting production line, one Lost foam casting production line; six intermediate frequency furnaces(two 5T,two 3T,two 1T) , six heat treatment furnace (one 40T,one 20T,one 15T ,three 5T), heat treatment pool 2000m3 water, with the annual capacity of 15,000 tons.



Sand casting



Lost foam casting



Vacuum casting



Pouring

Global cooperation:

JYS dialogue with international, built international group. We have an independent import and export business license, long-term exchanges and cooperate with overseas countries make our products maintaining a high level, also won the comprehensive international market. it is exported to Russia, Kazakhstan, Turkey, Saudi Arabia, South Africa, Vietnam, India, the United States, Australia and other 30 countries and regions.



Indonesia



Netherlands



Australia



United States

Special reminder:

Hubei JYS advanced wear resistant material technology Co. Ltd is a manufacture of wear-resistant, specialized in high manganese steel, high chromium, wear-resistant alloy steel casting, provide processing business of spare parts for different factory perennially. For any type of wear-resistant castings, you just provide drawing, sample or pattern, we can produce it for you. tel :+86-0717-3286139 e-mail: vip@jinyangshi.com