

jaw crusher parts

Common Alias: jaw plate, high manganese steel jaw plate, ultra-high manganese steel jaw plate, composite alloy jaw plate

Main material: high manganese steel (Mn13, Mn18), manganese-chromium alloy (Mn13Cr2, Mn18Cr2)

Casting: foundry casting, V method of casting, lost foam casting

Applicable materials: river gravel, granite, basalt, iron ore, limestone, quartz, diabase, iron ore, gold

Applications: gravel quarry, mining, coal mining, concrete mixing plants, dry mortar, desulfurization plant

product description:

Jaw crusher is mainly used for a variety of ores and bulk materials of medium-grained crushing, widely used in mining, smelting, building material, highway, railway, water conservancy and chemical industries. Maximum compressive strength of the material to be broken as 320MPa. Jaw crusher parts may also be referred to as jaw crusher wear parts is an important part of the jaw crusher; in a certain period range needs to be replaced, it can be divided into jaw crusher side guard, jaw crusher tooth plate, toggle plate jaw crusher, belt and so on.

Jaw, also known as tooth plate, jaw crusher is the key wear parts. A set of jaws is typically composed of two parts that is movable jaw plate and fixed jaw plate, jaw crusher according to different models, there are a variety of models size, generally use high manganese steel.

High manganese steel jaw

High manganese steel is the traditional material jaw crusher jaw, which has good toughness, also has good deformation hardening. Material uses: Mn13, Mn13Cr2, Mn18, Mn18Cr2 (ultra-high manganese) or special ingredients according to working conditions, Hubei JYS production of new micro-alloy high manganese steel jaw crusher jaw, delicate, precise ingredients, heat treatment place, the jaw plate wear life than similar products in more than 50%.

The manganese steel jaws

Because of the low manganese high initial hardness, low yield strength in the non-high impact conditions, the hardening is insufficient, and easy flow is cut. In order to improve the life of the jaw, in the development of manganese steel. When dealing with soft materials, the use of manganese steel better, in the manganese steel jaw crushing limestone, manganese substantial increase in life expectancy in a small crusher.

Double-metal composite jaw

For jaw crusher working principle and the practical application of the status quo, developed a two-fluid bimetal composite casting jaw, Face alloy steel with high wear resistance, cast steel liner part has a good impact toughness, give full play to the strengths of various materials. While special gating system and the casting process, ensuring a uniform and complete composite interface, make use of optimized performance jaw.

Inlaid carbide jaws

Or ultra-high manganese steel jaw plate is manganese steel base 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 plastic and impact toughness. Installed by the user to use, reflecting the same good results.

Low-alloy steel jaws

Carbon low-alloy steel is more extensive application of a wear-resistant material, mainly because of its high hardness and toughness appropriate fit, the material can resist cutting action and material fatigue caused by repeated pressing of peeling, thus It exhibits good wear resistance. Meanwhile Medium Carbon Low Alloy Steel can also adjust the composition and heat treatment process, the hardness and toughness over a wide range of changes to adapt to different working conditions requirements.

Jaw crusher side guards

Jaw crusher side guards, also called fork called baffle plate located between the teeth and fixed teeth plate activity, the quality of high manganese steel castings, generally each machine 2, there are four; it is a product types of high strength wear-resistant steel, can effectively protect the body, to extend the life of the rack.

Hubei JYS new wear-resistant materials Co., Ltd. is a professional jaw crusher parts manufacturers, respectively Mn13, Mn13Cr2, Mn18, Mn18Cr2 or working conditions according to special ingredients, with new high-performance composite materials cast, has been broken since the only new material wear-resistant castings high manganese steel casting material, the service life can only be increased by 1 record. This transformation of scientific and technological achievements made by the new composite jaw plate, rolling acetabular wall and other new composite products has begun to be recognized by the mining, metallurgical and other industries with poor working conditions.

PERFORMANCE CHARACTERISTICS:



BETTER QUALITY

Jaw crusher production every step of specialized monitoring, factory quality control department must pass through rigorous testing, seized each product, to ensure the quality of every jaw crusher jaw plate



COST-EFFECTIVE

High manganese steel jaw plate composite production efficiency of the use of jaw crusher doubled, not only safer and more reliable than ordinary jaw, and can reduce investment costs by more than half of the wear-resistant castings Wear



LONGER LIFE

Manganese alloy selected jaw, through scientific and strict smelting, casting, heat treatment workers, high degree of wear, compared with ordinary jaw, a substantial increase in life



WIDE RANGE OF APPLICATION

Widely used in metallurgical, chemical, building materials, electricity, transportation and other industrial sectors, for compressive strength 147-245MPa of ores and rocks of coarse, medium, fine

Technical Parameters

model	feed opening (mm)	(mm) max feed size	(mm)Adjustment range of discharge opening	capacity (t/h)	(r/min)Eccentric shaft speed	power (kw)	(mm)Size (L*W*H)
PE-150×250	150×250	125	10-40	1-3	250	5.5	720×660×850
PE-200×300	200×300	180	15-50	2-6	260	7.5	910×750×990
PE-200×350	200×350	180	18-70	3-10	260	11	1000×870×990
PE-250×400	250×400	210	20-60	5-20	300	15	1300×1090×1270

PE-400×600	400×600	340	40-100	16-60	275	30	1730×1730×1630
PE-500×750	500×750	425	50-100	40-110	275	55	1980×2080×1870
PE-600×750	600×750	500	150-200	80-240	275	55	2070×2000×1920
PE-600×900	600×900	500	65-160	50-180	250	55	2190×2206×2300
PE-750×1060	750×1060	630	80-140	110-320	250	110	2660×2430×2800
PE-800×1060	800×1060	640	130-190	130-330	250	110	2710×2430×2800
PE-830×1060	830×1060	650	160-220	150-336	250	110	2740×2430×2800
PE-870×1060	870×1060	660	200-260	190-336	250	110	2810×2430×2800
PE-900×1060	900×1060	685	230-290	230-390	250	110	2870×2420×2940
PE-900×1200	900×1200	750	95-165	220-450	200	110	3380×2870×3330
PE-1000×1200	1000×1200	850	195-265	315-500	200	110	3480×2876×3330
PE-1200×1500	1200×1500	1020	150-350	400-800	180	160-220	4200×3300×3500
PE-1500×1800	1500×1800	1200	220-350	500-1000	180	280-355	5160×3660×4248
PE-1600×2100	1600×2100	1500	300-400	1300-2200	160	350-380	6210×4013×4716
PEX-150×750	150×750	120	18-48	8-25	320	15	1200×1530×1060
PEX-250×750	250×750	210	25-60	13-35	330	30	1380×1750×1540
PEX-250×1000	250×1000	210	25-60	16-52	330	30	1560×1950×1390
PEX-250×1200	250×1200	210	25-60	20-61	330	37	2140×1660×1500
PEX-300×1300	300×1300	250	20-90	16-105	300	55	2720×1950×1600

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

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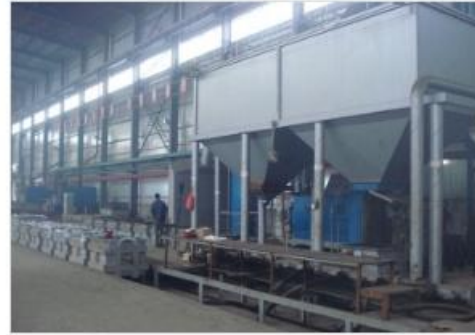


Enterprise strength:

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