

## V method of casting

**Common Alias:** V method of steel casting, V method of casting, V method foundry

**Main material:** high manganese steel, high chrome, alloy steel

**Casting:** V method of casting

**Applicable materials:** wear hammer, jaw plate, concave/ mantle, plate hammer, wearliner, roller skin, grinding roller/ ring

**Applications:** using vacuum method can produce iron casting, steel casting and alloy castings, even large thin-walled castings

### **product description:**

V method of casting and lost foam casting, also known as vacuum casting, due to take English Vacuum (vacuum) the term prefix "V". V casting as its low cost, low energy consumption, less pollution, to castings with high dimensional accuracy, outline clear, smooth surface, allowances and other advantages. Mining machinery, cement machinery accessories such as: jaw, concave/ mantle, hammer and other wear-resistant casting.

### V method of casting jaw plate

The V method of casting process to produce ultra-high manganese steel jaw, it has good toughness, excellent wear resistance, greatly reducing the consumption of metal material, and reducing the labor to replace the jaws, materials and other costs. It's high economic efficiency and social benefits.

### V method of casting hammer

Based on research organizations transition rules and heat treatment parameters on a high chromium cast iron mechanical properties, by means of computer simulation, design and optimization of heat treatment of high chromium cast iron composite hammer, installed on-site test results show that the improved composite hammer in order to improve the life of a substantial increase in the course of partial fragmentation phenomenon does not appear, has good wear resistance

### V method of casting concave/ mantle

In order to produce high wear concave/ mantle, Hubei JYS Co. using advanced V-method casting technology to produce products. They're not only smooth surface, but also effectively prevent cracks, porosity, overlaps, pores, linear cracks and other defects, while effectively control containing of carbon to ensure high wear resistance of the product.

### V method of casting alloy liner

V method of alloy liner has good hardness, and mechanical properties and wear resistance. Installed industrial tests show that the new line has long life, with good economic and social benefits

Hubei JYS new wear-resistant materials company is a professional manufacturer of V-method casting, such as concave/ mantle, jaw plate, hammer, linings and other wear-resistant castings. V-method casting products are good quality, smooth surface, clear outline, size accurate, uniform hardness, which effectively extends the life of the casting, and well received by users. This casting has become the new darling of the industry.

PERFORMANCE CHARACTERISTICS:



Good Quality

The product of steel casting has good quality, low processing, high precision. To resolve internal shrinkage and phenomenon shrinkage by cold iron.



High Cost-effective

The cost of V method casting is lower than water glass and resin sand, but the quality is better than water glass and resin sand.



Long service time

Because the product's surface by V method is better than resin sand and clay sand, good dimensional accuracy, the casting are well received by users



Wide usage

To use mold of V casting to produce iron casting, steel casting, alloy casting, even large-scale thin-walled casting, but it's according to the shape of casting.

Technical Parameters:

Casting Process Features	Process Features
Sand casting	Sand casting is a traditional mold casting process by sand as the main material. Sand generally use gravity casting, may also have low pressure casting, centrifugal casting process when there are special requirements. Sand casting wide adaptability, small parts, large parts, simple parts, complex parts, a single parts, large quantities can be used
V method casting	The products of V method casting has less porosity, high dense, smooth surface, clear outline, size accurate. The mold and sand box have a long service time, high utilization rate of the metal. The process shrinkage is approx. 0.2% lower than sand casting.
Lost foam casting	Lost foaming casting is particularly suitable for complex geometry mold, such as box-type, bobbin type which is difficult for the traditional casting.

Here is only some type for V casting. 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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WE ARE NOT AFRAID THAT YOU SHOP AROUND, WITH THE QUALITY AND SERVICE TO SPEAK SAY "NO" TO JERRY-BUILD, FAKE, LOWER QUALITY PRODUCTS.

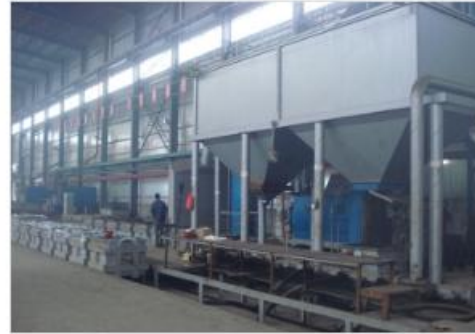
JYS-HIGH QUALITY SUPPLIER IN WEAR RESISTANT CASTINGS.

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 2000m<sup>3</sup> 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](mailto:vip@jinyangshi.com)