

## [China Sand casting machining parts, Manufacturer, Supplier, Factory, Exporter in china](#)

### **sand casting machining parts**

Sand casting is a widely used form of casting. As the name implies, sand is used to create the casting mold. In sand casting, a pattern of the finished part is placed in sand. The sand is then packed around the pattern to form the mold. If the pattern must be removed before pouring the metal, the mold will be made in two or more pieces. The mold must be modified to include a hole through which the metal will be poured. The mold remains in tact until the metal has solidified. The mold is destroyed when the part is removed, so a new mold has to be made for each casting. Large parts can be cast by sand casting service companies. Sand molds can be used in iron casting, bronze casting, brass casting, and aluminum casting.

There are basically following operations needed:

1. Place a pattern in sand to create a mold
2. Incorporate a gating system
3. Remove the pattern
4. Fill the mold cavity with molten metal
5. Allow the metal to cool
6. Break away the sand mold and remove the casting.

Another type of sand casting, green sand casting is inexpensive and can produce parts in a wide range of sizes, however the surface finish is generally not smooth and the dimensions cannot be controlled to a small tolerance. Additional machining of the casting may be required. Green sand molds are use in the production of iron casting, steel casting, stainless steel casting, and casting alloys of copper, magnesium, and nickel.

Material Range: Aluminum, Brozen and Brass.

Weight: From 10grams 20 kilograms.

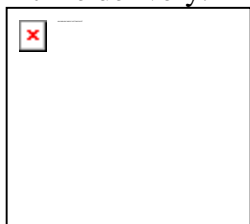
Good experience on designing according customer's requirements.

Excellent and high quality control.

Competitive price.

Small order acceptable.

On-time delivery.



**ALUMINUM SAND CASTING PART IRON SAND CASTING PART BRASS SAND CASTING PART**



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[sand casting](#)

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