

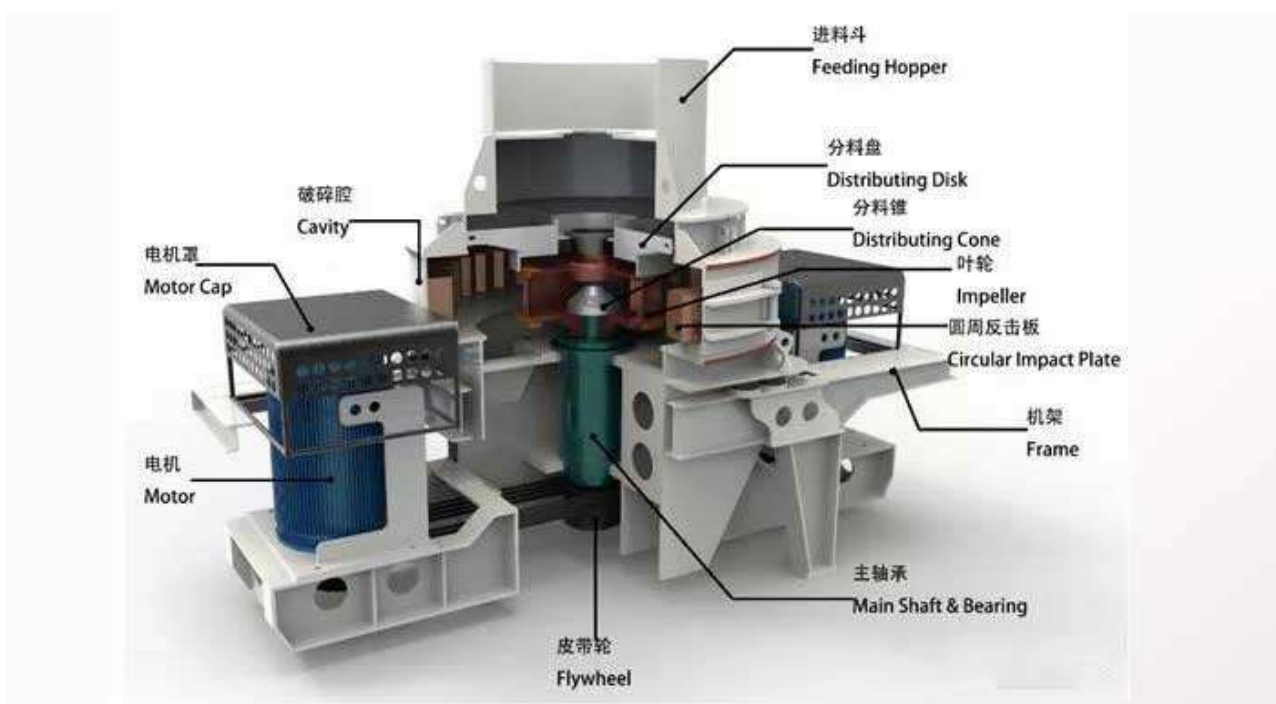
# How To Select Sand Making Machine?

[beidou.com/construction/how-to-select-sand-making-machine.html](http://beidou.com/construction/how-to-select-sand-making-machine.html)

The sand making system of [vertical shaft impact sand making machine](#) is mainly composed of vertical impact crusher, bar mill, vibration screen, gradation adjustment equipment, air screen (or sand washing machine).

At present, vertical shaft impact crusher and bar mill are widely used in domestic sand making machines. For fragile and medium hardness raw materials, the **vertical impact crusher** can be used to make sand separately, and the **high-speed vertical impact crusher** can be used to cooperate with shaping.

For materials with high hardness and especially difficult to break, the **short-head cone crusher** and bar mill are used to make sand.



## The Factors that Affect Sand Making Machine

### 1. Feed Particle Size

In the design of artificial sand making system, the particle size of feed materials should be considered first. Generally, if raw materials < 25 mm and grading better, the sand making system will work efficiency and achieve large sand production.

### 2. Material Moisture Content

The moisture content of raw materials will also affect the sand making efficiency. When the moisture content exceeds 2%, the separation efficiency of the screen will be reduced. Therefore, for the dry process production technology, we must consider the rainproof.

### 3. Environmental Protection of Equipment

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Sand making machine must conform to the concept of green environmental protection and be able to strictly control noise and dust pollution.

### 4. Quality of Equipment Materials

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If the quality of equipment purchased is poor, frequent breakdowns may occur in use, thus delaying the construction time and affecting the production schedule.

### 5. Word-of-Mouth Credibility

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Manufacturers with good reputation will guarantee the quality of equipment and produce more professionally. Through on-the-spot visits, visits to determine whether the sand machine is good or not.

### 6. After-Sales Service

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After sales service is the guarantee for smooth production in the future. The formal manufacturers must have a professional after-sale engineer team.



The selection of sand making machines is the key link in the design of sand making system, which directly affects the quality and cost of sand and aggregates production.

When selecting equipments, the properties of source rocks, gradation and quality requirements of finished sand and aggregates products and technical performance of main equipments should be fully studied. It should be technologically advanced, economically rational and ensure the reliability of the system.