



## Smooth Teethed Double Roll Crusher Machine

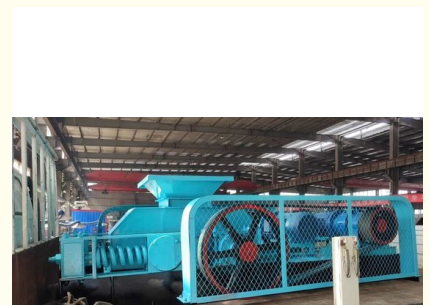
### Basic Information

- Place of Origin: China
- Brand Name: Ascend
- Certification: CE/ISSO9001
- Model Number: 2PG400x250 2PG610x400 2PG750x500
- Minimum Order Quantity: 1 set
- Price: USD 3000-11000 Per set
- Packaging Details: wooden box or in container
- Delivery Time: 10 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 20 set per month



### Product Specification

- Name: Double Roll Crusher
- Application: Roller Stone Crushing
- Spare Parts Material: Mn13Cr2
- Voltage: 380V 50Hz
- Catagory: Stone Crushing Machine
- Warranty: One Year
- Roller Material: High Manganese Mn13Cr2
- After Sales Service: Engineer Site Guidance
- Highlight: **double Roll stone crushing machine, Teethed double roller crusher, Teethed Double Roll Crusher Machine**



### More Images



## Product Description

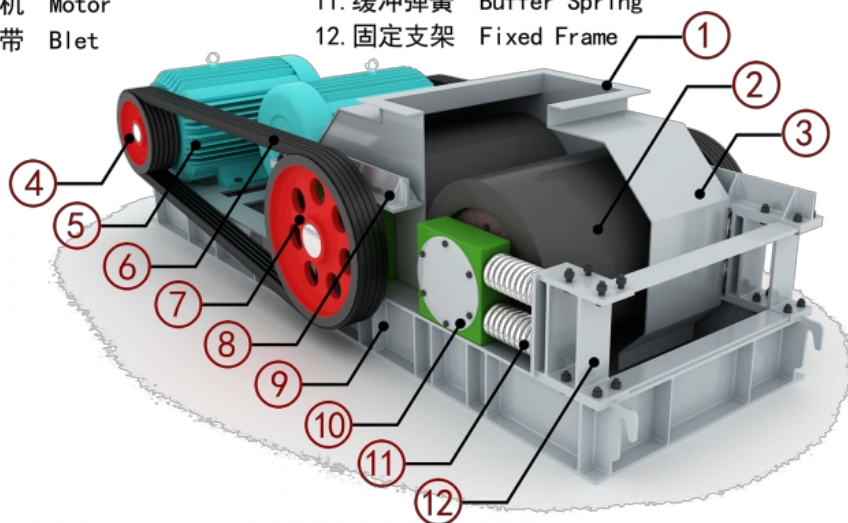
### High efficiency gold ore rock double roller crusher mill

2 Roll crusher is also called double roll crusher, double teeth roll crusher etc. The surface of roller crusher are made of high manganese steel, which can stand up to heat treatment. Double roller crusher is suitable for rough and intermediate crushing of brittle materials in such industries as cement, chemical industry, electric power, mine, building materials and metallurgy. The grain size of the input material is large, the particle size of the output product can be controlled, and it is possible to effectively destroy the material whose compressive strength is less than 160 MPa

### Working principle

The particles are drawn into the gap between the rollers by their rotating motion and a friction angle formed between the rollers and the particle, called the nip angle. The two rollers force the particle between their rotating surface into the ever smaller gap area, and it fractures from the compressive forces presented by the rotating rollers.

- |                         |                        |
|-------------------------|------------------------|
| 1. 进料口 Feed Inlet Mouth | 7. 皮带轮 Belt Pulley     |
| 2. 辊皮 Roller Surface    | 8. 水平支架 Base Frame     |
| 3. 机壳 Shell             | 9. 底座支架 Main Frame     |
| 4. 电机轮 Motor Wheel      | 10. 活动轴承座 Bearing Seat |
| 5. 电机 Motor             | 11. 缓冲弹簧 Buffer Spring |
| 6. 皮带 Belt              | 12. 固定支架 Fixed Frame   |



### Product advantages

1. Compact structure, reliable performance
2. Low noise and high efficiency
3. Easy to install and only need simple foundation
4. It can adjust the pressure and size easily, and can be made to meet the customer's request
5. Self-protection, the parts can not be damaged when hard materials such as the metals goes into the crushing cavity
6. Low attrition rate and easy to maintain









Product spare parts



Product specifications



| Model        | Max. Feeding size<br>(mm) | Discharge size<br>(mm) | Capacity<br>(t/h) | Motor power<br>(kw) | Weighty<br>(t) |
|--------------|---------------------------|------------------------|-------------------|---------------------|----------------|
| 2PG-400*250  | 25                        | 1-8                    | 5-10              | 5.5*2               | 1.5            |
| 2PG-610*400  | 40                        | 1-20                   | 13-35             | 15*2                | 4.5            |
| 2PG-750*500  |                           | 2-20                   | 15-40             | 18.5*2              | 12.25          |
| 2PG-900*500  |                           | 3-40                   | 20-50             | 22*2                | 14             |
| 2PGC450*500  | 300                       | 15-75                  | 20-45             | 7.5*2               | 4.2            |
| 2PGC600*750  | 400                       | 15-125                 | 30-180            | 18.5*2              | 7.8            |
| 2PGC600*900  |                           |                        | 40-100            | 18.5*2              | 8.4            |
| 2PGC600*1200 |                           |                        | 50-120            | 22*2                | 11.2           |
| 2PGC800*1000 |                           | 20-150                 | 80-180            | 22*2                | 12.6           |
| 2PGC800*1200 |                           |                        | 100-220           | 30*2                | 15.2           |
| 2PGC900*900  | 500                       | 30-150                 | 80-180            | 30*2                | 14.5           |

### Product delivery

The two roller crusher is usually put in wooden box or container according to customer requirements.



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