Overview

Jaw crusher is a crushing machine that is researched and developed very early. With simple and solid structure, reliable work, easy maintenance and repair and low production and construction fees, it has long been widely used for the coarse, medium and fine crushing of various kinds of ores and rocks whose compression strength is 147~245MPa in many industrial departments such as metallurgy, chemistry, building material, power plant and transportation. In recent years, to satisfy the requirement of crushing micro-carbon ferro chrome with high strength and high hardness in the industrial departments of metallurgy, mine and building, our company has specially researched and manufactured powerful jaw crusher.

1. Main Frame
2. Jaw-Holder
3. Fly Wheel & Vee Pulley
4. Toggle
4A. Toggle Seats
5. Toggle Block
6. Tension Rod Assembly
7. Fixed Jaw-Faces
8. Moving Jaw-Faces
9. Hydraulic Adjustment
10. Shaft Assembly
11. Side Liners
12. Jaw Face Wedges
13. Jaw Holder Protector
14. Replaceable Backing Plates
15. Maintenance Tool

- Wear Part
- Main Frame & Jaw-Holder
- General Part
- Hydraulic System
- Roller Bearings
- Tension Rod Assembly
- Toggle Mechanism
The Handling Materials and Application of Jaw Crusher:

Jaw crusher is mainly used for the medium-granularity crushing of all kinds of ores and large materials in mine, metallurgy, building material, highway, railway, water conservancy and chemistry. The maximum compression strength of the materials to be crushed is 320MPa.

1. Big crushing ratio, simple structure, reliable operation, simple repair, lower transportation cost.
2. Jaw crusher can be used in all kinds of material being applied for primary and secondary crushing.
3. Long lifespan of wearing parts, simple replacement, big capacity, lower maintenance cost, cost-effective.

The Advantages and Benefits of Jaw Crusher:

Jaw crusher is a crushing machine that is researched and developed very early. With simple and solid structure, reliable work, easy maintenance and repair and low production and construction fees, it has long been widely used for the coarse, medium and fine crushing of various kinds of ores and rocks whose compression strength is 147~245MPa in many industrial departments such as metallurgy, chemistry, building material, power plant and transportation.
Characteristics:

- Processing capacity: 1-2200 t/h
- Feed opening: 150×250-300×1300 mm
- Feeding size: 125-250 mm
- Applied material: limestone, fly ash, coal powder, slag

Technical data:

<table>
<thead>
<tr>
<th>Model</th>
<th>Feed opening (mm)</th>
<th>Max. production (t/h)</th>
<th>Adjustment range of discharge opening (mm)</th>
<th>Processing capacity (t/h)</th>
<th>Rotation speed of eccentric shaft (r/min)</th>
<th>Motor power (kw)</th>
<th>Total weight (t)</th>
<th>Dimensions (L×W×H) (mm)</th>
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Working principle:

The belt and belt pulley are driven by a motor, and the movable jaw moves up and down via eccentric shaft. The angle between fixed jaw and movable jaw becomes smaller when the moving jaw runs down, then the materials are crushed into pieces. It becomes bigger when the movable jaw runs up. The movable jaw plate leaves the fixed jaw plate under the action of tension rod and spring, then the end products come out from the crushing cavity.
- **Pre-sale services: enthusiasm**
  We provide you with the prophase plan, process flow design and manufacturer equipment according to your special demand.

- **Sale services: servant**
  Send technicians to the jobsite for guiding the installation and adjustment, training operators and finishing the check and accept together with you.

- **After-sale services: faithfulness**
  To establish long term friendship, we will regularly pay return visit to customers. Supplying technique, building design, instruction, installation