



AGARWALLA
crushing and screening equipment

Operating Instruction

JAW CRUSHER



Agarwalla Crushers

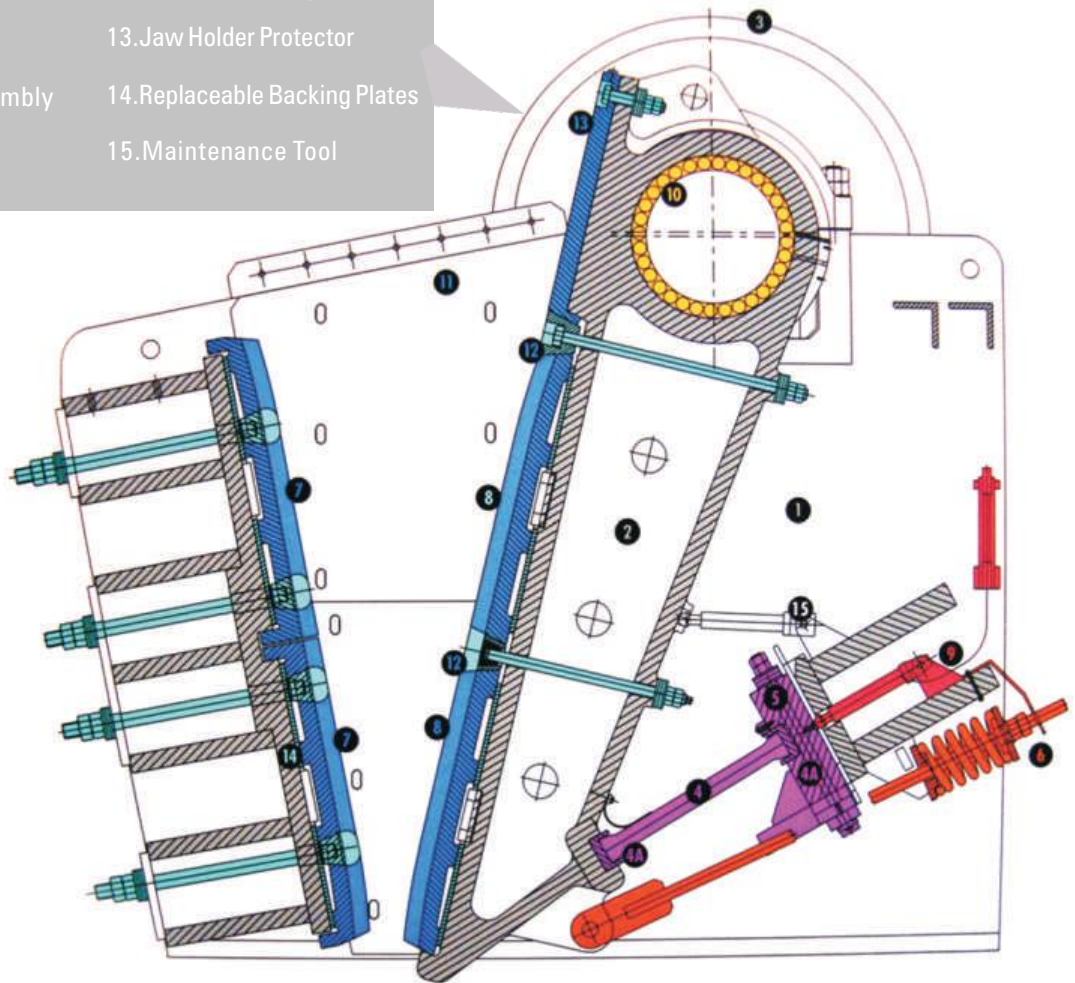


Overview

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.

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

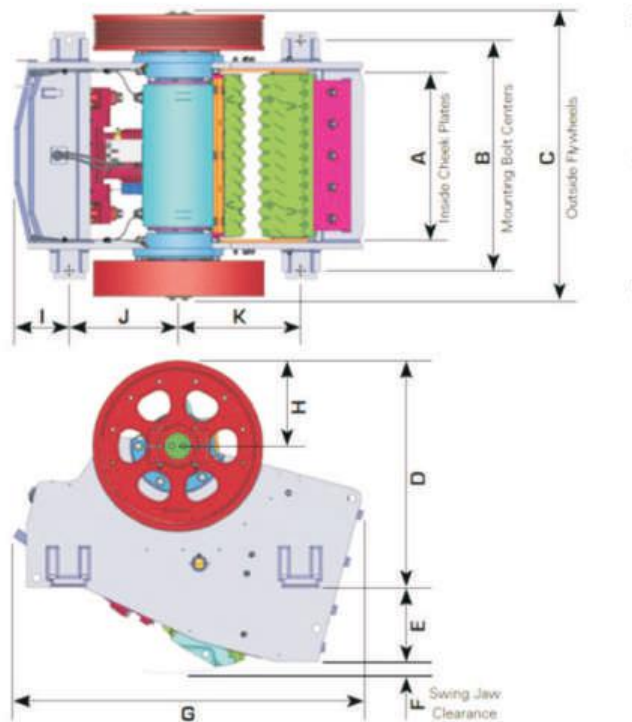


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|--|---|--|
| ● Wear Part | ● Main Frame & Jaw-Holder | ● General Part |
| ● Hydraulic System | ● Roller Bearings | ● Toggle Mechanism |
| ● Tension Rod Assembly | | |

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.
4. Competitive price, best quality, big processing capacity, simple craftsmanship.

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



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.

Technical data :

Machine	Feed Opening(LXW) in mm	Maximum Feed Size in mm	Discharge Setting in mm	Product Range in Ton	Shaft Speed	Required Horse Power (H.P.)	Weight in Tons
16.10	400 x 250	200	20 to 50	8 to 25	350	25	3
20.10	500 x 250	200	20 to 50	10 to 30	350	30	4
24.06	600 x 150	160	20 to 40	14 to 15	350	40	5
24.15	600 x 380	300	40 to 75	30 to 55	300	40	8
30.06	750 x 150	160	20 to 40	18 to 30	325	50	8
30.15	750 x 380	300	40 to 75	18 to 30	300	60	12
30.20	750 x 500	400	50 to 100	50 to 100	280	60 to 75	11.5
36.08	900 x 200	160	20 to 50	20 to 40	320	40 to 50	9
36.25	900 x 625	500	80 to 150	100 to 180	240	100 to 125	18
42.10	1050 x 250	250	20 to 65	30 to 70	320	50 to 60	10.8
42.30	1050 x 750	600	100 to 180	140 to 300	240	125 to 150	27
48.10	1200 x 250	200	20 to 65	35 to 80	320	60 to 75	12
48.36	1200 x 900	720	100 to 225	150 to 400	230	150 to 220	30
42.12	1050 x 300	300	20 to 65	30 to 70	320	50 to 60	10.8

Agarwalla Crushers



- **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.