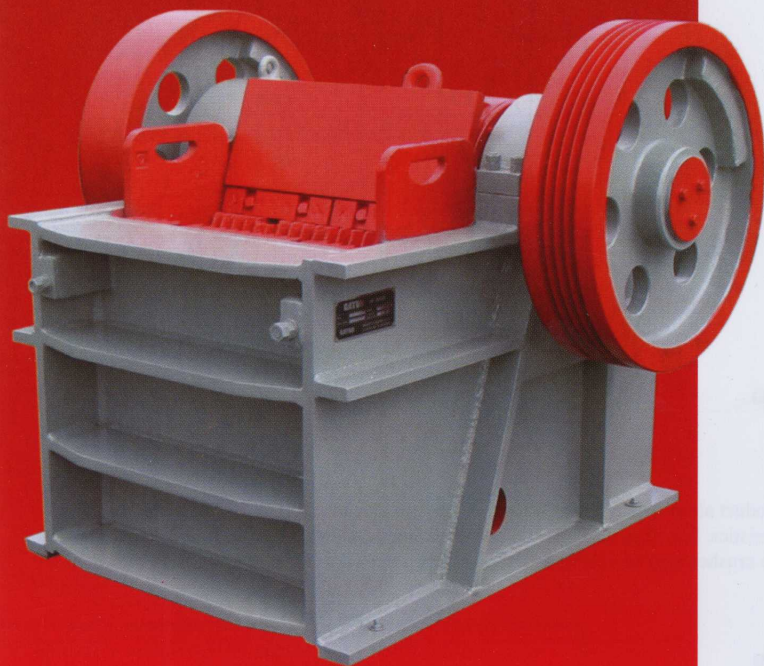


PEX

1030 Jaw Crusher



The Affordable Alternative in New Crushing Equipment

Standard Features

- Single wall main frame of stress relieved steel
- Open back for easy maintenance
- All working parts lubricated for moisture and dirt protection
- Reversible manganese jaw dies for maximum wear life
- Spherical, self-aligning roller bearings
- Isolated, close running annular/labyrinth seals protect bearings from dust and water
- Removable pitman/bearing assembly for maintenance ease
- Hydraulic or manual shim adjustment
- Heavy duty, cast steel pitman with machined barrel
- Machined pitman face for full swing jaw die support
- Smooth running flywheels with compression ring fastening arrangement
- Pitman wear plate

Optional Features

- Electric motor
- Drive sheave and bushing



The Affordable Alternative in New Crushing Equipment

Specifications

Feed opening 10" × 30"

Discharge setting 3/4" to 3"

Maximum feed size 8"

Production range 10 to 50 TPH

Discharge setting

3/4" 10 to 15 TPH

1" 15 to 25 TPH

1-1/2" 25 to 35 TPH

2" 35 to 40 TPH

2-1/2" 40 to 45 TPH

3" 45 to 50 TPH

Required horsepower 30 HP

Rotor speed 330 RPM

Weights (LBS)

Crusher 10,800

Flywheel 770

Swing jaw die 460

Fixed jaw die 420

Standard part dimensions (inches)

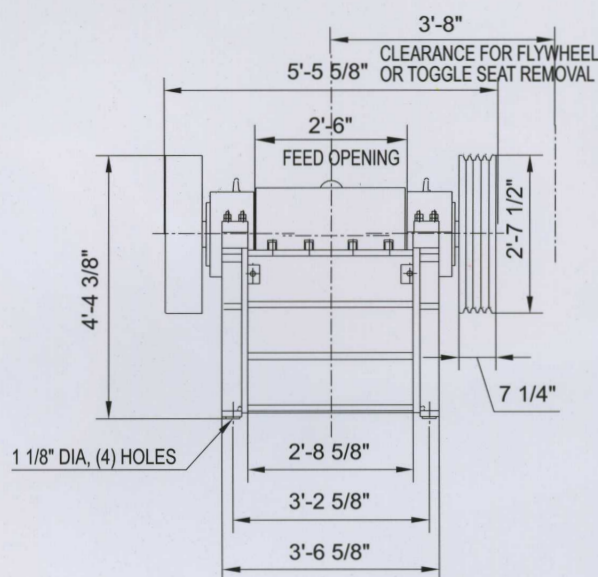
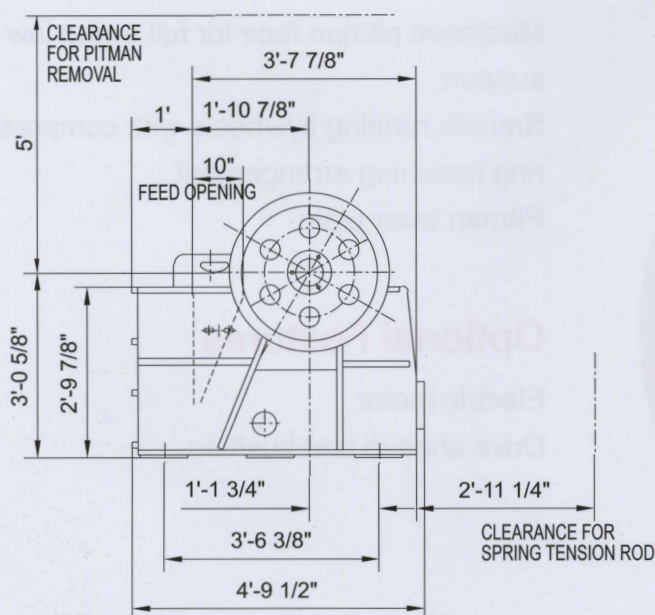
Fixed jaw length 28"

Swing jaw length 30"

Bearing information

Size 190 × 340 × 92 mm

Bearing No. 22238CC/W33



Note: Because of the nature of jaw crushers, it is not possible to produce a product all of which will pass a screen opening equivalent to the discharge setting. Oversize should be expected, and will fluctuate depending on the rock characteristics. For close settings, all undersize material should be screened off to increase the effectiveness of the jaw and to reduce wear on the jaw dies. Although the crusher may be configured to have a different discharge opening than indicated above, this crusher model is not designed to operate at other settings.



Jaw Crusher Capacity in Tons

✓

| Closed Side Setting | 10 x 30 | 10 x 39 | 10 x 47 | 12 x 51 | 10 x 16 | 16 x 24 | 18 x 42 | 20 x 30 | 24 x 36 | 30 x 42 | 32 x 42 | 36 x 48 |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3/4" 19mm | 10~15 | 15~20 | 20~30 | | 5 | | | | | | | |
| 1" 25.4mm | 15~25 | 20~30 | 30~40 | 50~70 | 15 | | | | | | | |
| 1-1/2" 38.1mm | 25~35 | 30~40 | 40~50 | 55~80 | 15~20 | 20~35 | | | | | | |
| 2" 50.8mm | 35~40 | 40~50 | 50~60 | 55~90 | 20~25 | 30~50 | | 50~65 | | | | |
| 2-1/2" 62.5mm | 40~45 | 50~55 | 60~70 | 75~100 | 25~30 | 35~60 | | 65~80 | | | | |
| 3" 76.2mm | 45~50 | 55~60 | 70~80 | 85~110 | | 45~70 | | 80~95 | 70~90 | 100~125 | | |
| 3-1/2" 88.9mm | | | | 100~130 | | 55~75 | 60~75 | 95~110 | 80~110 | 125~150 | | |
| 4" 101.6mm | | | | | | 60~80 | 70~90 | 110~120 | 90~120 | 150~175 | 150~175 | 280~340 |
| 4-1/2" 114.3mm | | | | | | | 80~105 | | 110~140 | 175~200 | 175~200 | 300~350 |
| 5" 127.0mm | | | | | | | 90~120 | | 120~170 | 200~225 | 200~225 | 320~370 |
| 6" 152.4mm | | | | | | | | | | 225~250 | 225~250 | 360~400 |
| 7" 177.8mm | | | | | | | | | | | 250~275 | 380~420 |
| 8" 203.2mm | | | | | | | | | | | 275~300 | 400~450 |

All capacities are based on 100 lbs. per cubic ft. weight of rock. Tonnage may vary depending on size of feed, rate of feed, peropare operation and operating conditions, breaking characteristics and compression strength of rock samples. Type and condition of jaw face and horsepower used can also effect production capacity.