



RockRanger

Transportable Primary Jaw Crushers



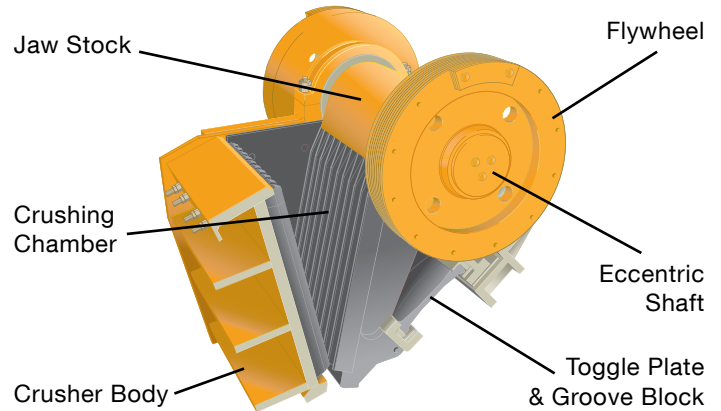
Quality Engineered
Excellence Since 1911

Parker Jaw Crusher 'RockRanger RF & RD' Series

Parker Plant Limited have been engineering rock crushers since 1911 and today thousands of jaw crushing units have been installed around the world. Jaw crushers are intended for primary crushing applications and are ideal for use within quarries & recycling/demolition Industries. 'RockRanger' crushing units are designed to crush the toughest materials in some of the most difficult conditions known, each machine has been designed to produce maximum reduction of material, whilst providing a stable and reliable machine that will benefit the customer. Each and every machine is built by hand and incorporates the most proven all-welded steel body.

Advantages:

- Suitable for quarries, mines, gravel pits and recycling
- Modular sections allow rapid installation
- Heavy duty feeder with grizzly section
- Wide discharge conveyor/good under crusher clearance
- RockSizer and RockSledger Jaw crushers
- Low maintenance, Less down-time, maximum production



Feed Hopper

Externally reinforced heavy duty steel plate hopper.

Drive

Separate electric motor drive to all units.

Feeder Grizzly

A vibrating grizzly feeder with a replaceable grizzly section. Linear motion is by twin contra rotating motors, supported on heavy duty coil springs.

Options

- 1 or 2 deck separate grizzly screen
- Hydraulic variable-speed feeder drive
- Side discharge conveyor
- Overband magnet separator
- Operators cabin
- Hydraulic pecker arm
- Belt weigher
- Dust suppression
- Lump stone chute

Jaw Crushers

Parker RockSledger and RockSizer jaw crushers are available in this static configuration. Consists of heavy duty welded steel plate body, spherical roller bearings, high grade machined steel eccentric shaft and hydraulically assisted setting adjustment.



Product Conveyor

Heavy duty impact idlers are located under the jaw crusher discharge. All bearings on idlers are sealed for life and the drive pulley is lagged.

| Size of Crusher | Maximum Cube Feed Size (mm) | Approximate Weight (kg) | No. & size of Vee Belt | Power to Drive (kW) | Jaw Setting: (mm) | | | | | | | | | | |
|-----------------|-----------------------------|-------------------------|------------------------|---------------------|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| | | | | | 50 | 65 | 75 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | |
| 800 x 500 | 455 | 10,260 | 4 SPC | 55 | 50-65 | 60-80 | 75-100 | 90-120 | 105-140 | | | | | | |
| 900 x 600 | 560 | 15,000 | 6 SPC | 90 | 70-90 | 75-105 | 90-130 | 110-170 | 130-210 | 150-250 | 170-290 | 190-330 | | | |
| 1100 x 630 | 605 | 18,000 | 8 SPC | 110 | 80-110 | 100-125 | 135-175 | 175-220 | 210-265 | 250-310 | 290-350 | | | | |
| 1100 x 650 | 625 | 18,000 | 8 SPC | 110 | | 100-125 | 135-175 | 175-220 | 210-265 | 250-310 | 290-350 | | | | |
| 1100 x 760 | 710 | 26,945 | 8 SPC | 110 | | | 100-125 | 140-175 | 175-220 | 210-265 | 250-310 | 290-350 | | | |
| 1100 x 800 | 760 | 26,945 | 8 SPC | 110 | | | | 140-175 | 175-220 | 210-265 | 250-310 | 290-350 | | | |
| 1300 x 1050 | 1000 | 38,000 | 12 SPC | 200 | | | | | | 310-380 | 365-450 | 475-570 | 590-715 | 730-870 | |

NOTE: Capacities quoted are intended as a guideline only, and are based on a clean, dry graded continuous feed material (weighing 1600kg/m³ (100lb/ft³) and a S.G. of 2.7 average), which will readily enter the crusher feed opening without obstruction, with 100% greater than the jaw setting and 25% less than twice the jaw setting. Actual capacities can vary considerably from those given, due to the following application and operational factors: 1) **MATERIAL** - Friability & Toughness, 2) **FEED CONDITIONS** - Grading of feed size (Compliance with Euro STD), 3) **INSTALLATION** - Method of feeding, Removal of under size. [Operation at settings outside those stated should be referred to the works].

Parker Plant Limited, Viaduct Works, Canon Street, Leicester, LE4 6GH, United Kingdom

T: +44 (0) 116 266 5999 F: +44 (0) 116 266 4422 W: www.parkerplant.com E: sales@parkerplant.com

All reasonable steps have been taken to ensure the accuracy of this publication. However, due to our policy of continual product development, Parker Plant Limited reserve the right to change details without prior notice. All machines supplied in accordance with our standard conditions. Illustrations and photos may show optional equipment.