



RockRanger

Transportable Primary Jaw Crushers



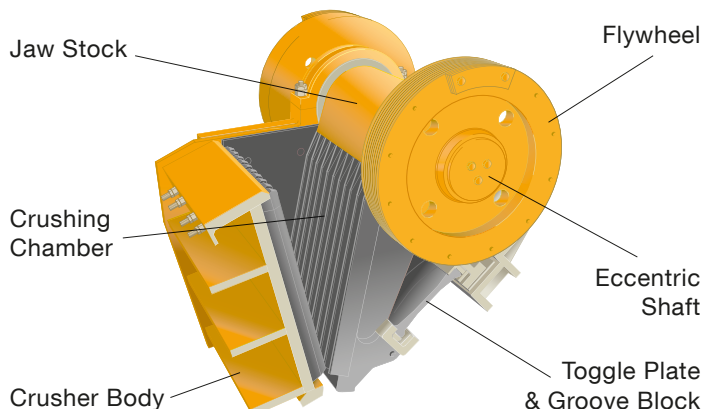
Quality Engineered
Excellence Since 1911

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].

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