



# Kubitizer

## Impact Breakers



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# Parker 'Kubitizer' Impact Breaker Series

The Parker 'Kubitizer' impact breaker is designed to operate in a secondary or tertiary role. Available in three sizes, the well proven original Parker 'Kubitizer' Impact breaker producing material with outputs ranging from 40-200 tonnes per hour, this unit is ideal for working in a composite crushing arrangement with Parker primary crushing plants, screens and conveyors.

## Advantages:

- Feed material is broken along natural lines of weakness (the grain boundaries).
- Soft material is smashed, leaving a stronger aggregate product.
- Choice of operating speeds to increase fines production, when required.
- All wear components are readily replaced, when required.
- Wear resisting manganese steel hammers are fitted to the rotor (reversible for maximum wear life).
- Interchangeable wear resisting manganese steel breaker bars form the machine roof/secondary impact surface.
- Wear resisting alloy liners are fitted to remaining surfaces of the body-sectional design for maximum utilization.

## 1 - Material Feed:

Steel plate chute with internal baffle to distribute material across the width of the rotor.

## 2 - Liner Plates:

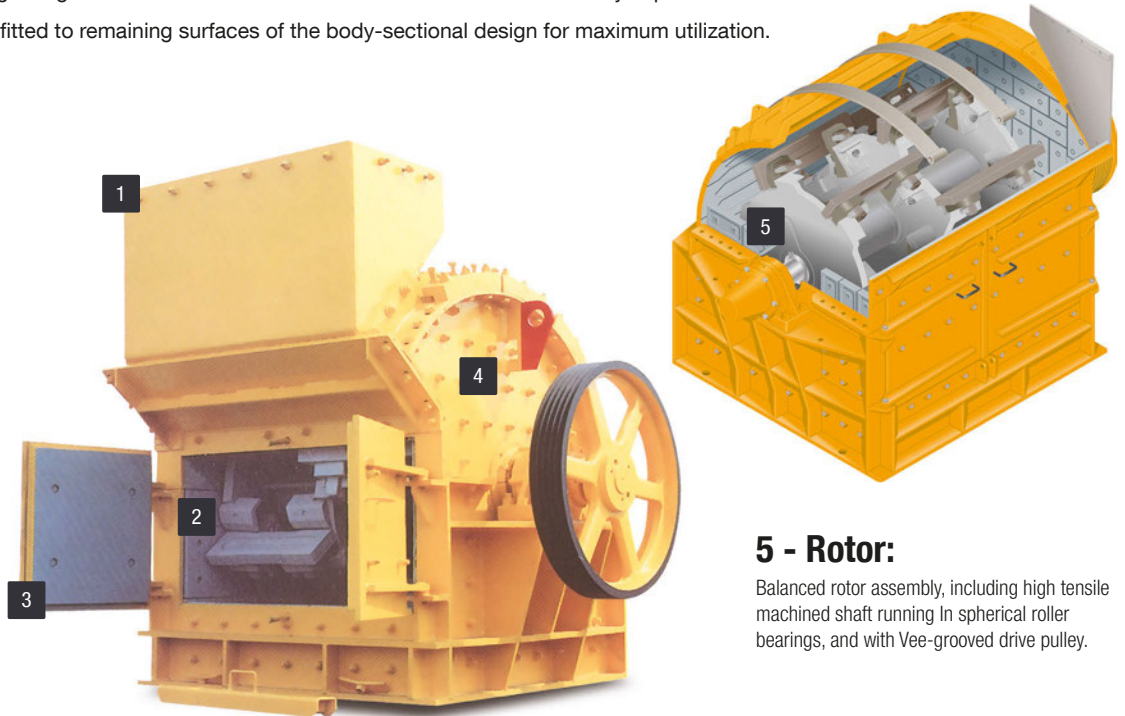
Fully renewable liner plates fitted throughout which protect the outer casing from wear.

## 3 - Access Doors:

Two large doors at the front of the machine give quick access to the interior, all replaceable liners can be replaced in situ, without workshop facilities.

## 4 - Strength:

Rugged welded steel casing for additional strength and rigidity.



## 5 - Rotor:

Balanced rotor assembly, including high tensile machined shaft running in spherical roller bearings, and with Vee-grooved drive pulley.

Model	Largest Feed		Approx Capacity		Drive (kW)	No. Hammers	Speed Max / Min (rpm)	Approx Weight	
	Maximum Feed Size (mm)	Recommended Feed Size (mm)	t / h	m <sup>3</sup> / h				Kg	lbs
<b>102</b>	250	125	40-50	25-32	37	4	350-550	5,080	11,200
<b>103</b>	250	125	80-100	50-64	75	8	350-550	8,332	18,368
<b>105</b>	350	175	175-200	110-125	150	12	280-450	13,970	30,800

**NOTE:** Capacities quoted are intended as a guideline only, and are based on a clean, dry graded continuous feed material (weighing 1600kg/m<sup>3</sup> (100lb/ft<sup>3</sup>) and a S.G. of 2.7 average), which will readily enter the crusher feed opening without obstruction. 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) 116 261 0812 W: [www.parkerplant.com](http://www.parkerplant.com) E: [sales@parkerplant.com](mailto:sales@parkerplant.com)

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