



KubitRanger

Mobile Impact Breakers



Quality Engineered
Excellence Since 1911

Parker 'KubitRanger' KA Series

The Parker 'KubitRanger KA' is a mobile crushing unit designed to operate in a secondary or tertiary role. Available in three sizes the mobile chassis offers easy transportation between locations and rapid on-site set up. Incorporating the well proven original Parker Kubitizer Impact breaker producing material outputs ranging from 40-200 tonne 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:

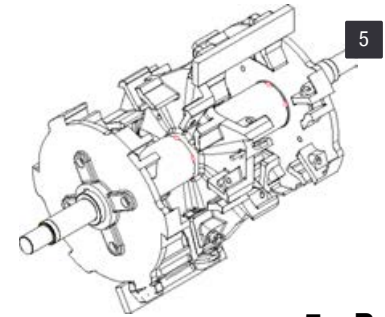
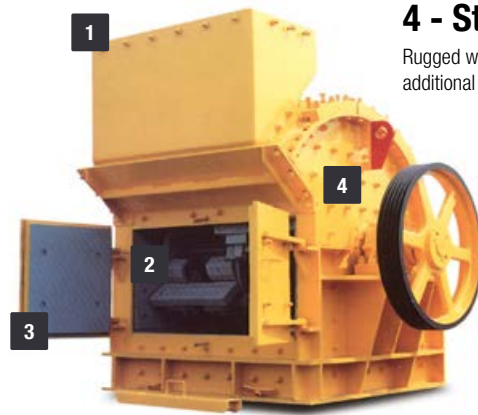
Fully renewable liner plates fitted throughout which protect the outer casing from wear.

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.

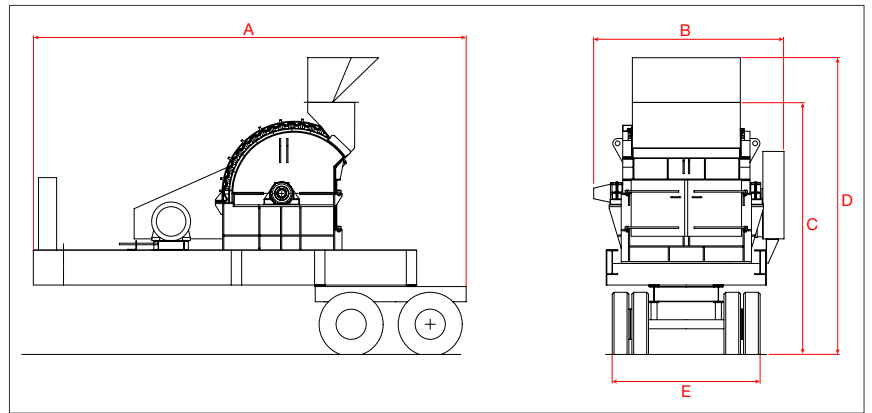
4 - Strength:

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) | Weight (tonne) | Dimensions (mm) | | | | |
|-------|--------------------|----------------------------|-----------------|-------------------|------------|-------------|---------------------|----------------|-----------------|------|------|------|------|
| | Max Feed Size (mm) | Recommended Feed Size (mm) | t/h | m ³ /h | | | | | A | B | C | D | E |
| KA102 | 250 | 125 | 40-50 | 25-32 | 37 | 4 | 350-550 | 14.7 | 6040 | 2460 | 3830 | 4370 | 2410 |
| KA103 | 250 | 125 | 80-100 | 50-64 | 75 | 8 | 350-550 | 23.5 | 6040 | 1860 | 3575 | 4115 | 2410 |
| KA105 | 350 | 175 | 175-200 | 110-125 | 150 | 12 | 280-450 | 28.5 | 7170 | 3150 | 4175 | 4920 | -- |

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. 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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