



HD1100 Series

Mobile Impact Breakers



Quality Engineered
Excellence Since 1911

Parker Impact Crusher

The Parker - HD Impactor is designed for primary, secondary or tertiary crushing of highly abrasive materials, recycling materials and medium-low silica materials. Highly abrasive materials include sandstone, gravel, granite, basalt, glass, refractory rejects, cement clinker and others. Recycling materials include asphalt, concrete, building rubble, bricks and others. Medium-low silica materials include limestone, dolomite, bauxite, shales, gypsum, coal and others. Available on static, mobile or tracked chassis the Impactor offers easy transportation between locations and rapid on-site setup. The Parker Impact breaker is capable of producing material outputs ranging from 90 - 200 tonnes/hour and is ideal for working in composite crushing arrangements with Parker primary crushing plants, screens and conveyors.

Extra Heavy Duty Rotor

Parker - HD Impact Crushers incorporate heavy, open disc style, four blow bar rotors as standard. Blow bar support beams are sized to ensure the Parker rotor has the highest moment of inertia available. This is important in absorbing the forces generated by the impacting process and is a key factor in our success with crushing large feed sizes. The rotor is supported by bearings mounted in massive solid housings manufactured from steel blocks with self-purging labyrinth seals.

Heavy Duty Blow Bars

The Parker - HD Series Impactor is equipped with 100 thick blow bars in 28% chrome iron offering the highest wear metal utilization factor available. The blow bar thickness can be increased to suit the larger feed sizes vital in recycling. The service life of the blow bars is extended through a design that permits the bars to be lifted via the top as wear occurs. Maintenance is safer and more expedient than in other designs.

Large Inlet Cross-section

This allows slabby material to enter the crusher without jamming. This is important when loading from a vibrating feeder etc.

Fully-hydraulic Impact Arms

Impact plates are cast blocks identical and interchangeable, thereby permitting optimum utilization. Gap settings between impact arm and rotor are adjusted hydraulically to allow the product size to be controlled. Hydraulic pressure on the impact arms is pre-set to resist the passage of uncrushed material through the impactor. If overloading, power failure, etc. causes material to exceed the pre-set pressure the impact arms retract in a controlled manner. Following completion of the retraction movement, the arm returns automatically to its pre-set gap position.

Wear Liners

Wear plates are generally cast from 28% chrome iron with a large proportion identical, thus interchangeable and turn-able.

Open Discharge

Large discharge opening allows for free discharge - no clogging - no capacity reduction.

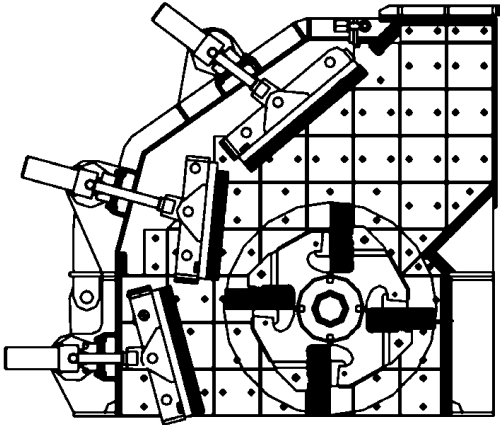
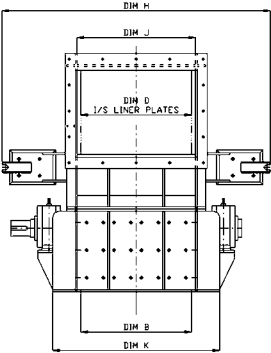
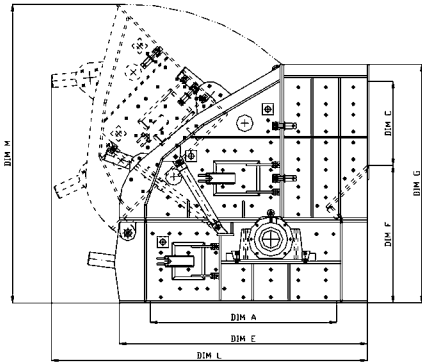
High Serviceability & Access

The housing opens up hydraulically for maintenance and repair work. When the casing opens the blow bars are accessed in the vertical position. This enables the blow bars to be adjusted or replaced safer manner than in other designs.

Specification - Varies with Material & Crushing Modifications

Machine	Capacity (tph)	(*) Max Feed Size (mm)	Rotor Size Ø x Width	Weight (Kg)	Power (kW)
PARKER 1110 HD	90 - 150	600	1120 x 965	9500	150
PARKER 1112 HD	120 - 200	600	1120 x 1210	11200	200

(*) Capacity is dependant upon feed size, material and product required.



DIMENSION DETAILS												
MODEL	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM J	DIM K	DIM L	DIM M
1110 HD	1660	985	745	985	2210	1220	2115	2390	1055	1487	2816	2651
1112 HD	1660	1230	745	1230	2210	1220	2115	2635	1300	1732	2816	2651

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