

Red Rhino 4000 Series Mini Crusher

Mini concrete crushers are available to hire from City Hire for delivery throughout the North West, Midlands, London & the South East.



Technical Specifications

Crusher	Single toggle jaw crusher 14% manganese steel 'reversible jaws
Engine	Perkins 14hp water cooled diesel.
Fuel Capacity	2 litres per hour (at 10.2kw/3600rpm).
Fuel Consumption	10 Litres
Chassis	Hydraulic rubber tracks, fast track lever
Jaw Aperture	400mm x 170mm
Output Size	Instant hydraulic adjustment, choice of 10mm–100mm
Control System	Manual hydraulic levers
Length	3000mm
Width	775mm
Height	Overall Height 1580mm, Loading height 1520mm
Weight	1420kg



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Material

The 4000 series will crush concrete, kerbstone, marble, paving slabs, bricks, tiles, blocks, stone, porcelain, flint, gravestones etc.

Output

Output will vary according to jaw setting, loading method, loading equipment, input material and familiarity of the loading operator. In excess of 6t per hour has been achieved.

Jaws

Instant hydraulic adjustment lever allows for the quick release of material and adjustment of product size. A hydraulic 'reverse' action is also provided along with a hydraulic pressure relief valve and further safety features fitted as standard. Jaw plates are made of 14% manganese steel which will 'work-harden'. The jaws are 'reversible' meaning that they have 2 lives.

Reinforced Concrete

For reinforced concrete and steel it is recommended that you protect your conveyor belt and crush this material having removed the conveyor belt. Removal of the output conveyor system is quick and easy.

Engine

The engine is a Perkins 14hp water cooled diesel with a maximum rpm of 3600. The engine is economical using diesel. The fuel tank capacity is 10 litres, with one litre of fuel lasting approximately 30 minutes.

Tracks and Controls

Tracks are rubber and controlled by hydraulic levers. A fast-track lever is available for straight line tracking. Controls are simple and clearly labelled. A hydraulic oil cooler is fitted to ensure longer life of hydraulic equipment and for hotter climates.

Dust Suppression

Dust suppression is fitted as standard and is by means of fine water spray nozzles, utilising standard domestic hose pressure. The output conveyor is simple in design with a moulded belt providing strength and durability. The conveyor system can be removed in one minute to allow access for cleaning.

Loading

Maximum productivity is achieved by correct loading of the crusher; this is a steady feeding of the jaw aperture ensuring that the jaw or hopper is not over-loaded. Loaded by hand or with a maximum 1.5t mini excavator using a maximum 10 inch bucket, a steady feed method should be employed as this will produce maximum tonnage per hour. Overloading or swamping the hopper or jaw will reduce output.

Safety & Maintenance

There are two emergency stop buttons located to the front and rear of the machine; both access panels are fitted



Get in Touch

T 020 8574 3523

E sales@cityhire.co.uk

W cityhire.co.uk