

RED RHINO 4000 SERIES MINI CRUSHER



TECHNICAL SPECS

Crusher:	Single toggle jaw crusher 14% manganese steel 'reversible' jaws
Engine:	Perkins 14hp water cooled diesel.
Fuel Consumption:	2 litres per hour (at 10.2kw/3600rpm).
Fuel Capacity:	10 litres
Chassis:	Hydraulic rubber tracks, fast track lever
Options:	Conveyor mounted screener attachment
Jaw Aperture:	400mm x 170mm.
Output Size:	Instant hyd adjustment, choice of 10mm–100mm.
Control System:	Manual hydraulic levers.

DIMENSIONS

Length:	3000mm.
Width:	775mm.
Total Height:	1580mm.
Loading Height:	1520mm.



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Instant hydraulic jaw
adjustment
(Choice of output size
10mm-100mm)

400mm x 170mm jaw aperture



Hydraulic reversible jaw
action

Dust suppression fitted
as standard.

Easy to remove output
conveyor.

Quick release hydraulic
coupling (for additional
Conveyor Mounted
Screener Attachment)



Electric start with clear and
simple hydraulic controls.

Powerful 14hp Perkins water
cooled diesel engine

Single toggle jaw crusher with
14% manganese steel
'reversible' jaw plates.

Description: Single toggle jaw crusher with jaw aperture of 400mm x 170mm. It is the only small crusher to accept a full UK kerbstone. The 4000 series is 775mm wide and can travel through doorways, into rear gardens, and enter Sites where access and space is restricted. Instant hydraulically adjustable jaws allow for the adjustment of output product size, ranging from a choice of 10mm up to 100mm.

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 red or white 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.

Screener: An optional conveyor mounted screener is available for the separation of dust and topsoil from the crushing process.

Attachment (optional): Supplied with a 10mm mesh, the screener can also assist with the creation of decorative aggregates.