



Red Rhino 7000 series

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Technical Specifications:

- Crusher:** toggle jaw crusher, 14% manganese steel 'reversible' jaws
- Engine:** Deutz 67hp water cooled diesel
- Fuel Consumption:** approx. 12 litres per hour (at 50kw / 2800rpm)
- Chassis:** hydraulic steel tracks
- Output:** see overleaf
- Jaw Aperture:** 700mm x 400mm
- Output size:** instant hydraulic adjustment, choice of approx. 30mm – 140mm
- Fuel capacity:** 90 litres
- Control system:** dual remote control and umbilical cord for all functions supplied as standard. The crusher is also fitted with manual hydraulic levers.
- Unique:** choice of gravity feed hopper or vibratory tray (see below)
- Options:** package consisting of vibratory feed tray, grizzly feeder, divert-chute and rear dirt conveyor for separation of fines. Additional overband magnet conveyor, 'Crushcare' service contracts and conveyor mounted screener also available

Dimensions:

| | Gravity hopper | Vibratory package |
|------------------------|----------------|-------------------|
| Length: | 6,700mm | 6,700mm |
| Width: | 2,200mm | 2,400mm |
| Total Height: | 2,720mm | 2,720mm |
| Loading height: | 2,720mm | 2,680mm |
| Weight: | 10,000kg* | 10,000kg* |

*subject to specification



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Unique features of the 7000 series Red Rhino crusher



Description: Toggle jaw crusher with jaw aperture of 700mm x 400mm. The 7000 series is 2,200mm* wide and has a loading height of 2,720mm*, providing a large jaw for significant daily tonnage where larger machines are impractical or too noisy. Instantly hydraulically adjustable jaws for adjustment of output product size, ranging from a choice of approx. 30mm up to 140mm.

Material: The 7000 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 45t per hour has been achieved.

Jaws: hydraulic adjustment allows for the quick release of material and instant adjustment of product size. A hydraulic 'reverse' is also provided. A hydraulic pressure relief valve and further safety features are fitted as standard. Jaw plates are made of 14% manganese steel which will 'work-harden'. The jaws are reversible (2 'lives').

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

Engine: The engine is a Deutz 67hp water-cooled diesel, set at 2800rpm. The engine is economical using red or white diesel. The fuel tank capacity is 90 litres.

Tracks & Controls: Dual remote control and umbilical cord operating all functions supplied as standard. Functions: tracking, emergency stop, jaw crushing and jaw reverse, conveyor and jaw adjustment for output size. The dual remote control and umbilical cord also operate the following functions if the optional vibratory package is fitted; vibratory tray speed, divert-chute and rear 'fines' conveyor. The crusher is also fitted with manual hydraulic levers. Controls are simple and clearly labeled. A hydraulic oil cooler is fitted to ensure longer life of hydraulic equipment and for hotter climates.

Conveyor & Dust Suppression: Dust suppression is fitted as standard and is by means of fine water spray nozzles, utilizing 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 quickly.

Loading: Maximum productivity is achieved by correct loading of the crusher. This is a steady feeding of the gravity hopper or optional vibratory-tray, ensuring that the jaw or hopper is not over-loaded, using a minimum 8t excavator with maximum 24 inch bucket. Optimum tonnage per hour is achieved by ensuring the excavator is positioned directly in-line with the rear of the machine, and that the excavator operator has a clear line of sight with the jaws, and that a gradual continual feed method is employed.

Options: Vibratory tray package; vibratory tray, grizzly feeder, divert-chute and rear 'fines' conveyor. Overband magnet. Conveyor mounted screener.

Safety & Maintenance: There are two emergency-stop buttons located to either side of the machine, and one on both the remote control and umbilical. Safety cut-off switches are fitted to all access panels. The engine cover is lockable and a central greasing point is fitted. Service intervals are every 250 hours, and 'Crushcare' service contracts are available.

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