EARTHMOVER RIMS - 5 PIECE:



Heavy duty earthmoving vehicles are typically fitted with 5-piece heavy duty wheel or rim. The five rim components consist of:

- 1. Rim base
- 2. Bead Seat Band
- 3. Rear (inboard) Side Ring
- 4. Front (outboard) Side Ring
- 5. Lock Ring

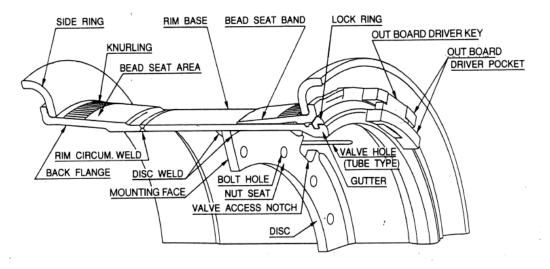


Diagram of a 5-Piece Earthmover Wheel fitted with a Flat Plate Centre Disc

WHEELS FOR YOUR MACHINE:

Because there are thousands of different heavy duty machines on the market, it is impossible to stock finished wheels for all brands of machinery.

To cater for the many different brands and different wheel types within the heavy duty market place, Mullins Wheels have developed the capability to manufacture wheels for any machine. To achieve this we generally start with a bare rim. We then fabricate and weld into place a centre plate, which can be made of plate steel or a formed steel disc. We then machine the centre bore and mounting face and drill the bolt holes to suit your machine.

The finished product is a complete, custom made wheel, generally at a fraction of the cost of the original equipment branded product from the dealer. Mullins can manufacture a wheel for you which is identical to the original wheel on your machine.

WE START WITH BARE RIMS THEN MACHINE AND WELD IN THE WHEEL CENTRE PLATE TO SUIT YOUR MACHINE:

5-piece Earthmover wheels are typically fitted with either a flat plate centre disc or a formed (or shaped) centre disc. The two types of centre disc are shown below.



Flat Plate Centre Disc Fitted



Formed / Shaped Centre Disc

After the appropriate centre disc is fitted to the 5-piece rim the bolt holes are then drilled and the centre bore diameter is machined to specification, so the wheel can be fitted onto a specific vehicle.

After the centre plate is fabricated from steel plate, the centre bore is machined to specification and the bolt holes are drilled.



5-PIECE WHEEL & RIM REPAIRS:

As well as selling complete wheels and rims, often one or more of the 5-piece wheel components can become worn, corroded, cracked or damaged during prolonged service.

In such cases, after the worn or damaged part has been properly assessed, it may be possible for the worn components to be replaced. Mullins Wheels Pty Ltd has a specialised workshop which is capable of such repairs.

Click on this Icon on the <u>5-Piece Home Page</u> to learn more about Mullins Wheels Specialised Workshop Services

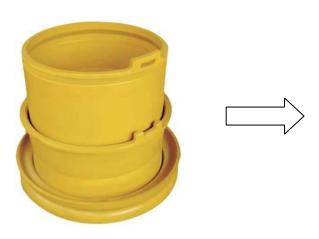
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MULLINS 5-PIECE RIMS (Bare Rim Stock - Before Centre Plates are Fitted):

Mullins has a range of popular 5-piece rim sections available off the shelf as detailed below. In addition to this Mullins can also procure various sizes of 5-piece rims upon request.

5-Piece Rim Part Number	Rim Size & Specification	Rim Profile
740-1125STN20	11.25 x 25 / 2.0 STN Heavy Duty D-Rim 5P	STND Profile
740-1325STN25	13.00 x 25 / 2.5 STN Heavy Duty D-Rim 5P	STND Profile
740-1525STN30	15.00 x 25 / 3.0 STN Heavy Duty Rim 5P	STN Profile
740-1725HTN20	17.00 x 25 / 2.0 HTN Heavy Duty Rim 5P	HTN Profile
740-1925HTN25	19.50 x 25 / 2.5 HTN Heavy Duty Rim 5P	HTN Profile
740-2225HTN30	22.00 x 25 / 3.0 HTN Heavy Duty Rim 5P	HTN Profile
740-2525HTN35	25.00 x 25 / 3.5 HTN Heavy Duty Rim 5P	HTN Profile

We convert bare rims into finished wheels in our specialised workshop







Finished Wheel (24H CAT Grader)

WHEN IT'S TIME TO SERVICE YOUR HEAVY DUTY WHEELS CALL THE EXPERTS AT

mullins wheels



SERVICING HEAVY INDUSTRY IN AUSTRALIA FOR OVER 100 YEARS