

TECHNOLOGY

OTRACO 3arm[®] SUPPORT



We wanted to find a better way

The changing of rims and tyres hasn't altered for over 30 years, despite increases in truck size and tyre size, and the massive increase in the weight of tools used.

The practise of tyre fitting is also highly dangerous, with the potential for pinch-point injuries and repetitive strain injuries over the long-term. At Otraco we wanted to find a better way.

Innovation

We knew that if we could support the weight of tools like the rattle gun which weighs up to 10kg and the pneumatic torque gun which weighs around 20kg we could make wheel replacement easier, safer and open to a wider range of workers giving us the diversity onsite that we know makes for a better workplace.

By collaborating with our onsite teams we harnessed our working knowledge from maintaining and changing wheel assemblies on some of the largest haul trucks which have up to 72 individual wheel nuts. We then worked with an Australian engineering company to develop the Otraco 3arm[®] Support Tool.

Revolutionising the handling of heavy tooling

Designed fit-for-purpose by Otraco for some of the toughest vehicles on the most challenging mine sites in the world, the Otraco 3arm[®] Support Tool improves tyre maintenance by eliminating the need for tyre fitters to manually handle heavy tooling such as rattle guns and torque guns. It's revolutionising the way Otraco fits tyres and delivering significant safety improvements.

Key benefits

- Right tooling in the right place
- Takes the weight of tools reducing fatigue and potential injury
- Removes operator's hands from dangerous pinch zones
- Easier to operate attracting a diverse workforce
- Reduced repetitive strain injuries from minimising the transfer of vibration to operators leading to long-term health benefits

Applications

The Otraco 3arm[®] Support Tool is revolutionising not only tyre maintenance but all jobs requiring the lifting and operation of heavy tooling.

Three models

- Tracked type tyres
- Elevated work platform (EWP)
- Standard wheel base

For more information

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