

New Product Alert

Tyre Inflation Cages - built to withstand the BLAST

For most, inflating your tyres is a simple task done at your local service station or tyre shop and is all about ensuring the best lifespan, driving performance and safety out of our tyres. But those in the industry know to proceed with caution due to the risk of tyre blast.

Working with tyres, particularly truck and machinery tyres can be dangerous because of their compressed air or gas, size and weight.

If a tyre is damaged, not inflated correctly or overinflated they pose a serious safety risk during inflation. The risk of a tyre burst is exceptionally high during the first inflation. This is caused by components failing to engage properly, or if the wheel/rim are not correctly assembled.



The explosive force released from a tyre fail during inflation results in a destructive air blast with particles propelled long distance at great speed

If not properly restrained the wheel can fly metres through the air. For tyre assemblies with split wheels or multi-piece rims these components can become projectiles. Though not common, when it does happen, these types of tyre explosion have led to numerous injuries and fatalities.

Serious about workplace safety? There are two models of tyre safety enclosures designed for the safe inflation of most tyres.



The smaller Tyre Inflation Enclosure is a 5-bar heavy duty suitable for tyres sizes up to 1150mm diameter by 400mm wide. The fenclosed larger Tyre Inflation Cage is suitable for tyres sizes up to 1400mm diameter by 500mm wide.

Built to withstand impact and force, they help prevent risk of injury and damage caused by tyre blast during inflation.

Ideal for use in the tyre industry and any industry that uses heavy vehicles such as earth moving machinery, trucks, forklifts and rural use vehicles.

Finite Element Analysis confirms both tyre inflation enclosures designed to Australian Standards are engineered to withstand the most severe blast, keeping your workplace safe.

For more info contact

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