

Totalkare

What Rail Lifting Equipment Do You Need to Lift Bogies and Trains?

Working with heavy-duty vehicles comes with its own challenges. But when you're working in rail, everything is amplified:

The weight, the size — and the consequences of any hazards.

So if you're running a rail depot that needs to lift rolling stock, you need the strongest and safest rail lifting equipment around.

Here's what you need to get started:

Bogie Lifting Platform

Compared to some parts of the train, a railway bogie can be one of the most complex and component-dense parts of a rail system.

Between the wheels and axles and suspension, there's a lot going on — and that means it's one of the most commonly serviced and maintained parts of a train.

That's why lots of rail depots invest in specialised equipment designed specifically for working on bogies — like our Totalkare Bogie Lifting Platform.

It's a self-contained mobile unit that runs on rails with a battery-driven motor controlled by a wireless remote, sliding underneath a railway bogie and raising it up on an electrohydraulic lifting system.

With the bogie safely raised above the tracks, your teams can get the access they need to the critical components and systems that need servicing — before safely lowering the bogie back into operation on the tracks.

So how much can it lift?

Our bogie lifting platforms come with lifting capacities between 6,000kg and 14,000kg — which means they're a perfect fit for lifting almost any single railway bogie you're likely to see in your depot.





Railway Lifting Jacks

If you've seen our industry-leading mobile column lifts, you'll know exactly how our Railway Lifting Jacks work.

Each mobile column gets wheeled into position and attaches to the train carriage to form a set of lifts that work in tandem — safely raising entire carriages (or trains!) to the height your teams' need to gain access to its components.

How Much Can You Lift?

Each column in our railway lifting jacks comes with a range of lifting capacities — from 5,500kg up to 50,000kg.

But unlike our vehicle column lifts (which come in sets of up to 8), our railway jacks can be configured in sets as large as 128 columns — giving you a potential total lifting capacity that can be as high as 6.4 million kg!

Here's how it works out in practice:

With 5,500kg columns **With 50,000kg columns**

	With 5,500kg columns			With 50,000kg columns		
No. of columns	4	32	128	4	32	128
Total capacity (kg)	22,000	176,000	704,000	200,000	1,600,000	6,400,000

With enough railway jacks working in tandem, you can lift anything from a single carriage or a series of cars — right up to a full-length train.

So how does it work?

With a computerised control unit (operated with a Wi-Fi remote), you can perfectly synchronise up to 128 columns to lift and lower as a group — with low-tension control and emergency stop buttons for safety.

And the result?

Your teams can safely service some of the biggest trains on the tracks today — without any need to split the carriages apart.

Looking to Make Some Upgrades to Your Rail Depot?

We're known for our industry-leading equipment designed for heavy-duty vehicles.

But we've also been serving the rail industry for years — taking every innovation and advance from the road industry and applying that to our equipment and services for rolling stock.

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From column lifts to brake testers, tyre changers to wheel alignment, vehicle pits to oil management and almost everything in between, for workshop equipment, it really is Totalkare. **Call us for a quote today.**

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