The Brush name has been synonymous with quality engineering and the supply of railway equipment since 1865. Brush Traction is highly experienced and fully equipped to provide refurbishment and re-engineering services with expertise geared towards revitalising and improving customer assets to deliver operational and business benefits.
THE PROJECT

To both carry out work and to set up testing equipment, work was frequently carried out from step-ladders. Although no accidents had ever been reported, it was recognised that this work did not represent best practice and that an accident potential existed. Harnesses were considered impractical due to the amount of traffic and movement of cranes in the area and it was concluded that the best option would be an all-round work platform.

THE SITUATION

A key service at Brush Traction is the overhaul and refurbishment of heavy-duty bogies. Most work, is carried out on Class 92 and Class 73 units which are predominantly used for hauling very heavy goods trains but also used for some passenger work. The refurbishment process is very specialised and requires focused work over an extended period. To complete the work and carry out thorough testing the bogie, weighing up to 26 tonnes, is placed on an elevated platform to enable all-round access from above and below. This permits thorough examinations, maintenance and wheel set changes as required.

A final part of the testing process is ‘pressing’ where a force is applied from above to measure the compression at all the key points of movement and allow adjustment to ensure a perfect balance.

THE SOLUTION

An internet search revealed Sayfa Systems Ltd, a local company with considerable experience in designing, building and installing bespoke safety solutions. After just one visit Sayfa Systems was able to design and propose a structure that was the ideal solution.

‘Sayfa designed the solution, measured, manufactured and then fitted it. It all ran very smoothly and the installation was right first time. We now have a solution which is perfect for the job offering complete access with complete safety’ - Gareth Wilcox  Fabrication and Bogie shop Manager