

Pfaff Verkehrstechnik

Pfaff Verkehrstechnik Supplies Lifting Equipment for New Intercity Fleet



The Mariyung Maintenance Facility in Kangy Angy

The New South Wales (NSW) government is delivering a new intercity fleet – the Mariyung fleet – to replace the trains carrying customers from Sydney to the Central Coast, Newcastle, the Blue Mountains and the South Coast.

To service and maintain the new fleet, a purpose-built train maintenance facility has been set up at Kangy Angy on the NSW Central Coast.

At this facility a hybrid lifting system by Pfaff Verkehrstechnik was supplied which will be used for performing maintenance works on the six-car vehicles in New

South Wales. In total, Transport for NSW has procured 610 cars.

The hybrid lifting system has a load capacity of 336 tons (56 tons per car) and is installed in 500mm deep foundation pits.

In terms of functionality, the system corresponds to an underfloor lifting system, meaning that individual bogies can be

pushed and removed under the lifted vehicle.

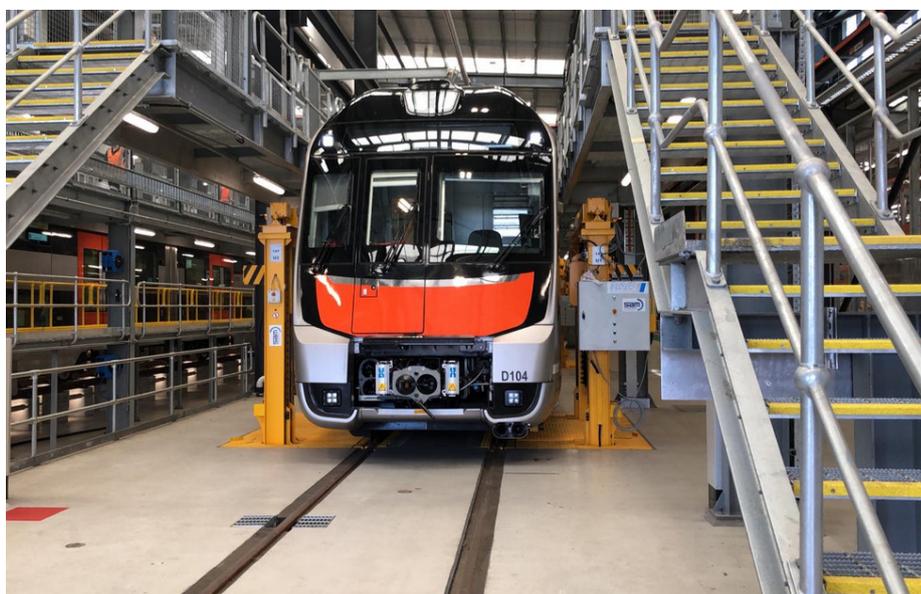
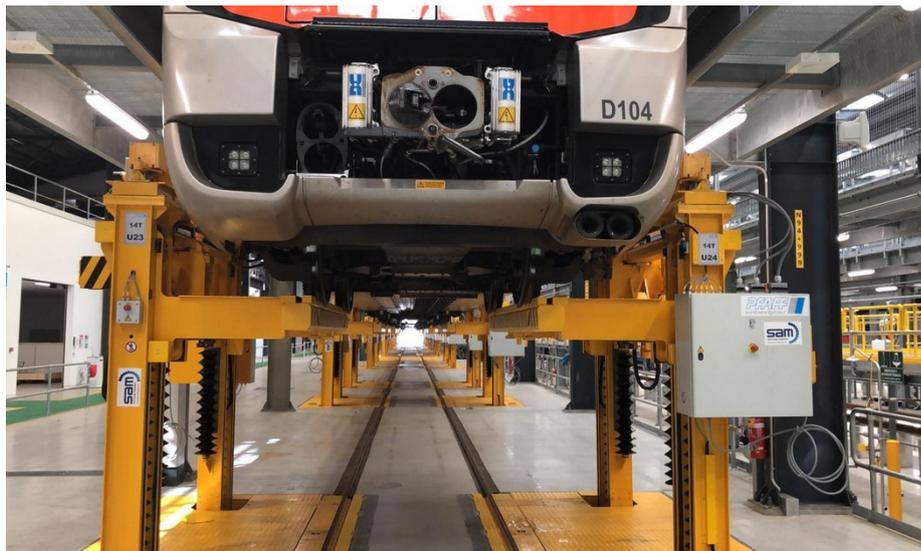
A special feature is the all-round adjustable body support elements which can be adjusted electrically in all directions (up/down, left/right, forwards/backwards).

Pfaff Verkehrstechnik delivered the complete system to Australia in a total of 13 40ft containers. Our local partner, SAM Technology, carried out the installation.

Commissioning, which had to be carried out remotely due to the local Covid-19 regulations, was a very big challenge due to the complexity of the system and the time difference between Australia and Europe.

The process was ultimately completed successfully in April 2021.

The end-customer in Australia is very satisfied with the delivered product.



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