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# Pfaff Verkehrstechnik

## Pfaff Verkehrstechnik Now Supplies Electromechanically Adjustable Roof Working Platforms for Buses



**P**ffaff Verkehrstechnik has expanded its product portfolio to include solutions for servicing and maintenance work on the roofs of a wide variety of buses, primarily on electric and gas-powered vehicles.

The new roof working platforms with an adjustable height of 1.5m to 4.5m can be flexibly adapted to the respective bus fleet due to different segment lengths of 3m to 9m

according to the modular principle, regardless of whether it is simple buses measuring 12m, double-decker buses measuring 14m or articulated buses measuring 18m.

The electromechanical, telescopic platforms and sliding fall protections at the front and rear ensure ergonomic all-round fall protection, regardless of which

fleet vehicle is currently in the work area. Employees reach their workplace on the roof of the vehicle safely via adjustable stairs with the correct step height. Optional components such as crane systems for battery replacement, various lighting systems, signalling systems or monitored access doors further increase safety.

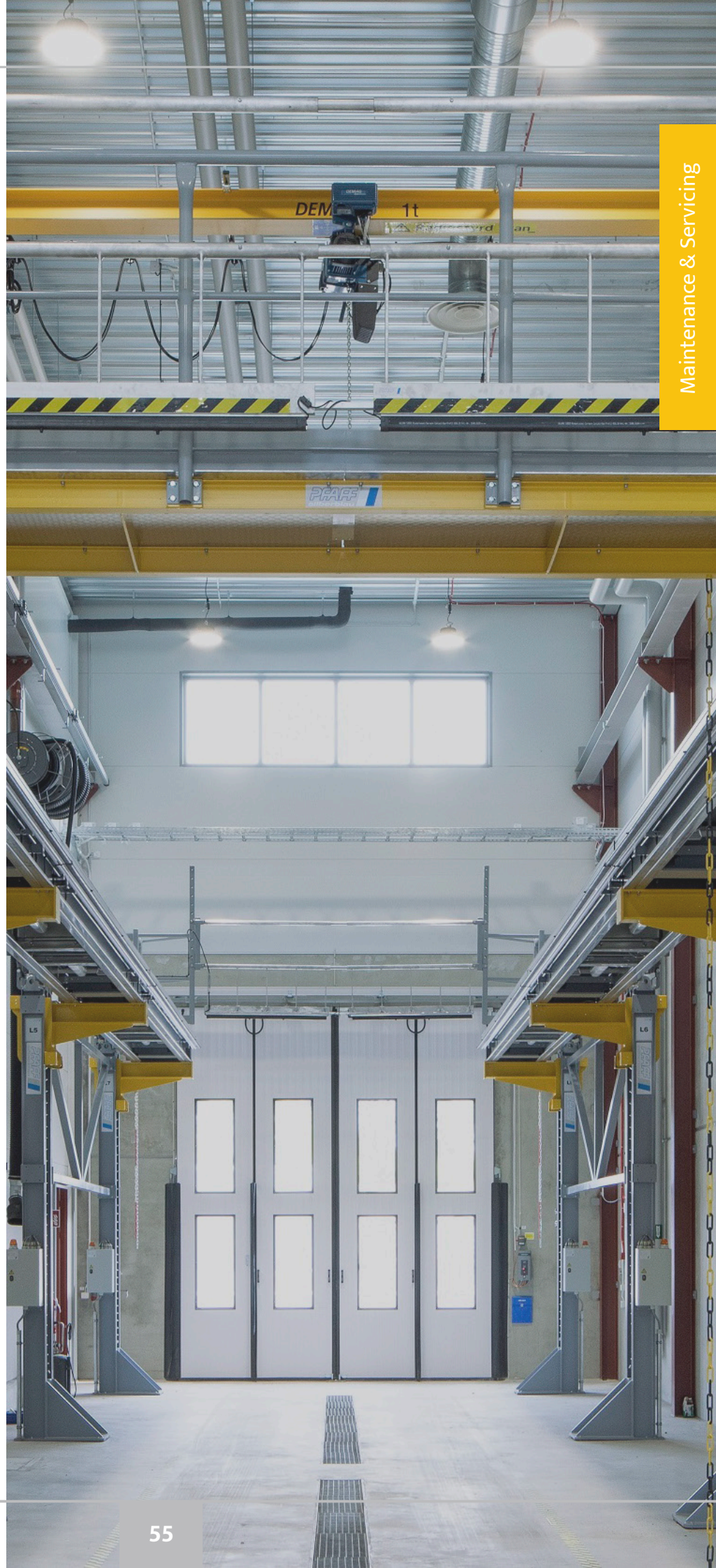
## Electromobility on the Rise

With the new roof working platforms, the company is responding to the growing market for electromobility and the operational safety required here. Electromobility is an important future-oriented topic, not only in Germany. The environmentally conscious country of Sweden is also considered a pioneer in this field; Pfaff Verkehrstechnik has already delivered a system to a Swedish company, and further projects are in the pipeline.

The conversion of vehicle fleets to sustainable drive systems in local public transportation is currently being promoted throughout Europe by the EU Clean Vehicle Directive. Electric vehicles play a vital role in this. They contribute to climate protection and also reduce dependence on fossil fuels. They have thus developed into a driving force within the context of energy system transformation.

## New Challenges Due to E-mobility

However, the constant increase and regular inspection of electric buses also poses new challenges for depots, garages and employees.





*Pfaff Verkehrstechnik expands its product portfolio with solutions for servicing and maintenance work on buses, especially electric buses*

In contrast to conventional buses, which run on diesel and require hardly any work on the roof, electric buses require more maintenance work on the roof, since the electrical system and heavy technical components such as battery packs, along with fuse boxes, inverters and air conditioning systems are located there for the sake of convenience. These components require regular maintenance. The curves on the plastic roof, however, present special hazards and challenges for personnel. The new roof working platforms from Pfaff Verkehrstechnik ensure the highest levels of safety and ergonomics for all bus variants – employees feel as safe on them as they do on the ground.

Mechanics can now easily ensure absolutely safe working conditions even for mixed fleets of vehicles, e.g. ones consisting of diesel, hybrid and electric buses, without damaging the vehicle with improvised safety measures. The flexibly adjustable roof working platforms set high safety standards, as potential fall points are minimised and the vehicle roof can be accessed ergonomically all around. They provide fleet operators with modern, safe and reliable mobility.

Due to short set-up times, the vehicles are quickly back on the road again and the operating times in transport operations are extended.

## Service from Planning to Commissioning and Over the Entire Life Cycle

The new roof working platforms for buses complement the product range, which has so far focused primarily on rail-bound vehicles. Pfaff Verkehrstechnik's service package ranges from planning the work platform to commissioning and personnel training. The installation in new and existing buildings is preceded by a comprehensive consultation and analysis of the current infrastructure. An extensive after-sales service, plus long-term maintenance contracts and a spare parts service are also available.

## Further Information

This video illustrates how the new roof working platforms work: <https://www.youtube.com/>.

Further information on Pfaff Verkehrstechnik and its products can be found at: [www.pfaff-silberblau.com/rail-systems/](http://www.pfaff-silberblau.com/rail-systems/).

## About Pfaff Verkehrstechnik

Pfaff Verkehrstechnik GmbH is an affiliated company of Columbus McKinnon Engineered Products GmbH, which is also based in Kissing, under the umbrella of Columbus McKinnon Corporation (CMCO), Getzville USA. As well as supplying transportation components, Pfaff Verkehrstechnik primarily supplies complete planning, installation and maintenance of turnkey jacking systems for rail vehicles. Pfaff jacking systems are used worldwide.

More information about the services and products of Pfaff Verkehrstechnik can be found [here](#).

Scan the QR code below to find out more about Columbus McKinnon Engineered Products

