

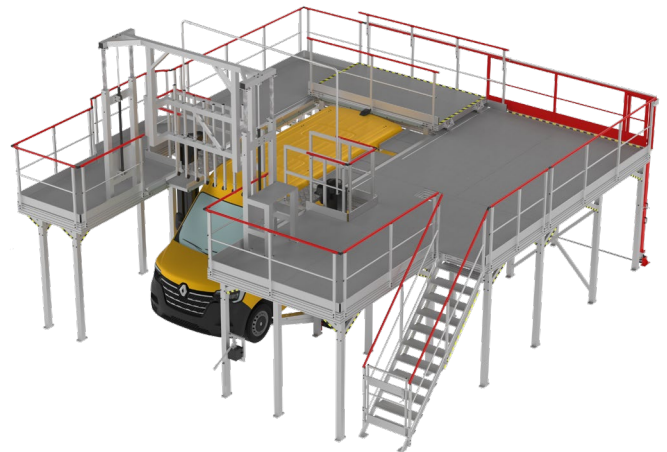
Fixed platform for hydrogen van roof maintenance



FORTAL designed and manufactured a custom fixed platform to provide safe roof maintenance access for Renault Master hydrogen vans. The solution was specifically developed to give operators safe access along the entire length of the vehicle while integrating perfectly with the existing workshop constraints, particularly the presence of an overhead vehicle lift.

A robust structure perfectly integrated into the workshop environment

- Main structure manufactured from 6000 series extruded aluminium, providing excellent strength and requiring no maintenance.
- Load capacity of 350 kg/m², suitable for maintenance operations and equipment.
- Fully custom-designed solution integrating the building constraints and the operation of the existing vehicle lift.



Fixed platform for hydrogen van roof maintenance

Maximum safety for roof maintenance operations

- Peripheral guardrails with red lacquered handrails providing continuous operator protection
- Front vertically sliding guardrail, operable and lockable from ground level, securing the area above the windscreen.
- Rear sliding guardrail, operable from ground level, allowing materials to be loaded and unloaded by forklift without compromising operator safety.
- Trapped-key interlocking system preventing access through the safety gate until all guardrails are correctly positioned.



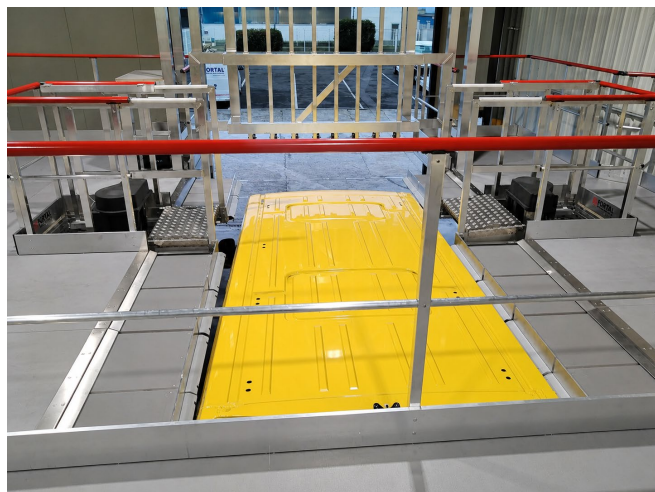
Easier maintenance along the entire vehicle

- Main platform complemented by a rail-mounted mobile platform, ensuring operator safety regardless of the vehicle length.
- Sliding extensions allowing the platform to adapt to different vehicle widths.
- Extensions can be operated both from ground level and from the platform, making maintenance operations easier



Operator comfort and ergonomics

- 45° access staircase with anti-slip chequered aluminium steps for comfortable access.
- Anti-slip wooden platform decking.
- White underside of the platforms to improve lighting beneath the structure and provide greater comfort for operators working underneath the vehicle.
- Safety gate at the bottom of the staircase equipped with a trapped-key interlocking system to prevent unauthorized access.



F892100719 – July 2026