

Mobile platform with deployable ring for bus roof access



Design and manufacture of a mobile height-adjustable platform with deployable ring protection. This solution provides easy access to vehicle roofs, with enhanced safety thanks to fixed and sliding guardrails that adapt perfectly to the contours of buses.



Reliability and durability

- Robust extruded aluminum structure: high corrosion resistance, maintenance-free.
- Galvanized steel frame for maximum durability.

Secure access to the work area

- Deployable ring protection on the roof with sliding lower sections on three sides, ensuring complete enclosure and full fall protection at height.
- Peripheral guardrails on the platform (handrail, intermediate rail, baseboard).
- Secure staircase with anti-slip ribbed aluminum steps, handrails, and a top safety gate.



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" Since 2024, our teams have been working safely on bus rooftops using a FORTAL platform to carry out maintenance operations.

The FORTAL platform is robust, stable, and lightweight. It is easy to move and folds away for optimized storage in the workshop.

We save valuable time while performing maintenance. In addition, FORTAL's sales and after-sales teams are highly responsive and attentive to our needs. "



Hervé ANTOINE
Workshop Team Leader
LE TEC (BELGIUM)



Comfort and ergonomics

- Height-adjustable platform: 2700 to 3700 mm.
- Variable-angle staircase: 35° to 55°, adaptable to intervention height.
- Spacious working area once the ring is deployed: 5000 x 2250 mm.
- Anti-slip aluminum flat sheet coating (4.4 mm thick, platform dimensions: 5000 x 1540 mm).

Mobility and easy handling

- Easy to move with 4 double swivel wheels Ø200 mm with brakes.
- Wheels retractable via crank jacks for working position.
- In use, the platform rests on stabilizing pads, ensuring optimal stability.
- Non-marking rubber protection on the vehicle side to prevent impact.

