

# Portaramp UK LTD – Mini Ramp Project

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The 'Mini-Ramp' is a lightweight ramp which is designed to bridge the gap between the station platform and the Train/Tram.

This project was a collaboration between Portaramp and Transport for London, focused on developing the 'Mini-Ramp' to help passengers safely and confidently access the London Metro. The ramp is designed to bridge the void between the train carriage and station platforms, even at stations that have level access boarding.



## The Lightweight Portable 'Mini-Ramp' Bridging the Gap in Public Transit Accessibility

Designed with mobility and inclusion in mind, the new Lightweight Portable 'Mini-Ramp' offers a practical, effective solution for bridging the gap between train station platforms and metro train entrances. Engineered for modern public transportation systems, this compact ramp ensures safe and seamless boarding for all passengers, especially those with reduced mobility.

### Product Overview

The Portaramp 'Mini-Ramp' is a durable, ultra-lightweight aluminium ramp built to address vertical and horizontal voids between platforms and train floors. Whether it's wheelchair users, elderly passengers, or parents with strollers, our 'Mini-Ramp' delivers a safe, dignified boarding experience.

### The Collaboration

Within this project we were working closely with Transport For London's Customer Experience Manager and due to the success of the collaboration our contact at TFL won a "You Matter Award" at the annual award ceremony which is hosted by TFL for his efforts in rolling out these accessibility ramps into the network across London. This was delightful news for Portaramp and something we are proud to be apart of.

# Key Features & Benefits

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- **Lightweight & Portable:** Weighing under 6kg, the ramp is easily carried and deployed by a single staff member.
- **Durable Construction:** Built from high-strength, corrosion-resistant aluminium alloy for long-lasting performance in all weather conditions.
- **Supports loads up to 300 kg (660 lbs),** suitable for manual and powered wheelchairs, mobility scooters, and more.
- **Slip Resistant Surface:** Textured grip surface ensures maximum traction, even in wet environments.
- **Raised side edges to prevent roll-offs**
- **High-visibility markings for enhanced user safety**
- **Quick Deployment:** No tools or setup required, just place and assist. Ideal for dynamic urban transit environment



# Economical Benefits

## Low Capital Investment

- Compared to permanent infrastructure upgrades (e.g., platform height adjustments or train redesigns), portable ramps require minimal upfront cost.

## Minimal Maintenance Costs

- Built from low-maintenance materials (e.g., corrosion-resistant aluminium) that require little to no servicing.
- No moving parts = longer product life and lower lifecycle costs.

## Flexibility Across Fleets and Stations

- One ramp design can be used across multiple train types and platform configurations, reducing the need for customized solutions.
- Purchase only as many as needed and easily add more as the network grows.

## Reduces Passenger Delays

- Speeds up boarding and alighting for passengers with mobility needs, helping maintain on-time performance and avoid delay penalties.

