



CASE STUDY

ROADMENDER ASPHALT

PAVING THE WAY: CUSTOM TRAILER SOLUTION

OVERVIEW

Roadmender Asphalt is a UK-based company specialising in innovative road repair and maintenance solutions.



They are renowned for their advanced asphalt recycling technology, which allows for on-site production of permanent asphalt using sustainable methods. By combining cutting-edge equipment with environmentally conscious practices, Roadmender helps local authorities and contractors repair roads faster, more efficiently, and with minimal disruption.

CLIENT PROBLEM

Roadmender Asphalt required a fleet of specialist trailers to transport their asphalt boilers safely and efficiently. The goal was to create a trailer design that simplified the installation process of the boilers, improved operator safety, and enhanced usability on-site.

Their existing setup created challenges in terms of mobility, operator safety, and setup efficiency.

THE DISCOVERY

Through a series of collaborative design meetings between Towmate and Roadmender, our teams worked closely to develop a trailer that met every operational need while maintaining the robust, proven foundation of Towmate's Rhino plant trailer.

Leveraging Towmate's modular design system, we were able to adapt and refine the Rhino's base structure to create a truly bespoke solution — engineered specifically for transporting and operating Roadmender's asphalt boilers.



THE SOLUTION

We designed and built 10 bespoke **TXDP3117-35-PA-ROADMENDER** trailers that met every aspect of Roadmender's specification.

- TXDP3117 trailer with **Pivot Axle**
- **Bespoke bracket** to carry the fuel tank
- **False floor** at boiler base height to remove trip hazards
- **Gas bottle cage** for 2 × 18kg gas bottles
- **Removable drip tray** at the rear to collect excess asphalt
- **Custom tailgate** allowing use of a chute from the boiler
- **Safety rails** around the trailer, powder coated Signal Yellow
- **Canopy** over the main operator area
- **Aluminium panelling** on canopy and safety rails, powder coated Signal White
- **Custom logo cutout** in front panel with green backing plate
- **Green beacon** mounted on the canopy
- **Additional marker lights** to assist manoeuvring in low light

WATCH THE VIDEO



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