



VD2-170 RAIN

TECHNICAL SPECIFICATIONS

Construction & Design

- Narrow trailer design with a total width of 1700 mm for use on emergency lanes
- Completely closed trailer design
- Trailer weight: approx. 1800 kg / 3968 lbs
- Equipped with two torsion spring axles, each rated at 1350 kg / 2976 lbs
- All hatches are easy to open and equipped with reliable locks and gas pressure springs
- The front cabinet is lockable with a turnkey lock
- The chassis is fully galvanised, and aluminium components are coated in any desired RAL colour

Display & LED System

- Energy-efficient full-colour and full-matrix LED display with 80 × 160 pixels and a 20 mm pixel pitch, compliant with EN12966
- Integrated pixel failure detection system
- Equipped with a unique, easily interchangeable large LED tile

Hydraulic System

- Fully hydraulic trailer featuring hydraulic outriggers and display locking for fast deployment
- The power pack is mounted inside the trailer cabinet

Power supply & Battery system

- AGM battery pack providing 400 Ah at 24 Vdc, completely maintenance-free and leak-proof
- Industrial battery charger with built-in wall socket output

Lighting & Electrical System

- Approved multi-voltage LED driving lights suitable for 12 Vdc or 24 Vdc

Communication & Control

- 4G modem including software for remote programming and operation via the user-friendly, free Verdegro portal: www.mobilityplanner.com (excluding mandatory monthly data plan and SIM card with VPN connection)

OPTIONAL

- Touchscreen computer mounted inside the trailer cabinet
- Rotatable frame (horizontal)
- Hybrid model
- Diesel model

THE VD2-170 RAIN IS ALSO AVAILABLE AS:

Hybrid model

The hybrid version features a fully integrated diesel generator combined with a solar power system built into the lockable shutters. It includes a Kubota Z482 two-cylinder water-cooled diesel engine with a DC generator and an extra-large 250-litre diesel tank integrated into the trailer chassis.

Diesel model

The diesel version is powered solely by a Kubota Z482 two-cylinder water-cooled diesel engine with a DC generator. It also includes an extra-large 250-litre diesel tank integrated into the trailer chassis.

Note

Only the Diesel and Hybrid versions are suitable for continuous operation. The Solar version (standard model) must be recharged regularly using a grid-connected battery charger.

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