

Traffic Management Trailer – Technical Specification Sheet

High-Visibility | Heavy-Duty | OEM Customization
Available

Nantong Zhuoyue Metal Products Co., Ltd.

Professional OEM Manufacturer of Trailer Chassis & Traffic Management
Equipment

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Product Overview

Our **Traffic Management Trailers** are engineered for demanding road safety and temporary traffic control applications.

Designed with a **heavy-duty steel chassis**, high-visibility finish, and flexible configuration options, these trailers are suitable for:

- Variable Message Sign (VMS) Trailers
- Portable Traffic Light (PTL / PTS) Trailers
- Radar & Speed Display Trailers
- Light Tower Trailers

OEM customization is available to meet different market and compliance requirements.

Technical Specifications

Item	Specification
Trailer Type	Traffic Management Trailer
Applications	VMS / PTL / PTS / Radar / Light Tower
Chassis Material	Structural Steel (Q235B or equivalent)
Frame Construction	Fully welded steel frame
Axle Configuration	Single axle (custom options available)
Suspension	Leaf spring / Torsion (optional)
Coupling	AS4177-25 compliant (or equivalent)
Jack	Swivel or fixed type (standard or custom)
Fender	Standard or custom design
Stabilizer Legs	Optional extended stabilizers
Surface Treatment	Powder coating

Item	Specification
Standard Colors	Safety Yellow / Safety Orange (RAL available)
Electrical System	12V system (customizable)
Customization	Dimensions, layout, mounting brackets

Key Features

- **Heavy-duty chassis design** for long-term durability
 - **High-visibility powder coating** for enhanced road safety
 - **OEM & custom fabrication** based on customer drawings or concepts
 - Designed for **harsh road and site conditions**
 - Flexible integration for signs, masts, batteries, solar panels, and control systems
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Compliance & Standards

Components and configurations can be supplied to meet relevant standards, including:

- **AS / ADR requirements** (Australia)
- **CE certification** (upon request)
- **E-mark (E14)** components
- Other international standards as required

Final compliance depends on configuration and local regulatory approval.

Manufacturing Capability

- In-house steel fabrication and welding
- Laser cutting and CNC bending available

- Powder coating with controlled thickness and adhesion
- Prototype and batch production supported

We focus on **details, consistency, and continuous improvement** in every production step.

Customization & OEM Support

- Custom chassis dimensions
- Logo laser cutting or branding
- Mounting solutions for traffic equipment
- Engineering support based on your application

Drawings accepted in **STEP / DWG / PDF** formats.

Applications

- Temporary traffic control
 - Road construction & maintenance
 - Urban and highway safety projects
 - Infrastructure and public safety programs
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Contact Us

For detailed drawings, pricing, or OEM consultation, please contact:

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Built on strong foundations. Designed for safer roads.