

# TC Mini Trailer System

## RADAR SPEED SIGNS



### TC MINI TRAILER with 150 Ah BATTERY and 60W SOLAR PANEL

TraffiCalm's TC Mini Trailer System is a compact radar sign trailer that is fully self-contained with batteries and a solar panel. This trailer system accommodates our iQ1200 and iQ1500 Full-Matrix Radar Speed Signs (sold separately), which offer traffic data collection and speed-triggered messages when deployed wherever needed.

Speed can kill. A pedestrian is 82 percent more likely to be fatally injured if hit by a vehicle traveling 40 MPH (64 KPH) than a vehicle traveling 20 MPH (32 KPH). Speeding drivers are almost three times more likely to be involved in fatal or serious-injury crashes. Radar Speed signs have been proven in multiple third-party studies\* to be highly effective at reducing average vehicle speeds and slowing speeding drivers, creating safer roadways and communities.

## FEATURES

### Compact Self-Contained Trailer

The trailer folds down for storage and travel, while allowing the solar panel to still continue to charge the battery. The TC-Mini contains a 150-Ah battery and a 60-watt solar panel for year-round operation. The compact design makes it easy to trailer and deploy on streets with narrow shoulder widths.

### Ruggedized Electronics

Built tougher than other systems on the market.

### Made in the USA

TraffiCalm® Systems are manufactured in the USA in an ISO 9001:2015-certified facility, meeting and exceeding industry and state testing requirements. TraffiCalm® signs are unmatched in durability, brightness, accuracy, and ease of installation and use. Build America/Buy America Compliant.

\*Call for speed studies

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## SPECIFICATIONS

### Construction

Size: Folded, ready for travel 46" w x 48" l x 38" h (116.8 cm x 121.9 cm x 96.52 cm)  
 86" long with tongue extended ( 218.4 cm) Erected w/ solar: 88" h (223.5 cm)

Weight: 353 lbs (160.1 kg) with Solar and batteries

Tire Size: 12" (30.48) cm

### Features

Brake lights and turn signal provided

Metal fenders strong enough to stand on up to 250 lbs (113.4 kg)

Color: Powder coated white and resistant to corrosion (optional colors available on special order)

Tongue is properly sized to ensure easy towing using a 2" ball

Safety: Meets DOT regulations and requirements for safety and road worthiness. Safety chains are included. The Ball hitch system is stowed and secured when not towing. The hitch beam collapses and locks into the trailer body or is completely removed

Stabilizers: Provided with 2 drop-down stabilizers that drop to the level of grade and are secured by pins and (1) hand-crank stabilizer. Stows in fully retracted position secured by pins for travel

Static Regulatory Sign: Speed is 25 MPH on Base. The placards are 1, 3, 0, and 4, which allows speeds from 0-45 MPH

Wiring: Wiring is properly sized, rated 900 C min. for wet locations and sunlight resistant. All interconnecting cables and wires are routed through the frame or in conduit for protection

### Power

Batteries: Includes 2 - 75Ah Batteries (individually fused). Charger sold separately. Cushioned battery mount to reduce vibration and shock felt by the battery

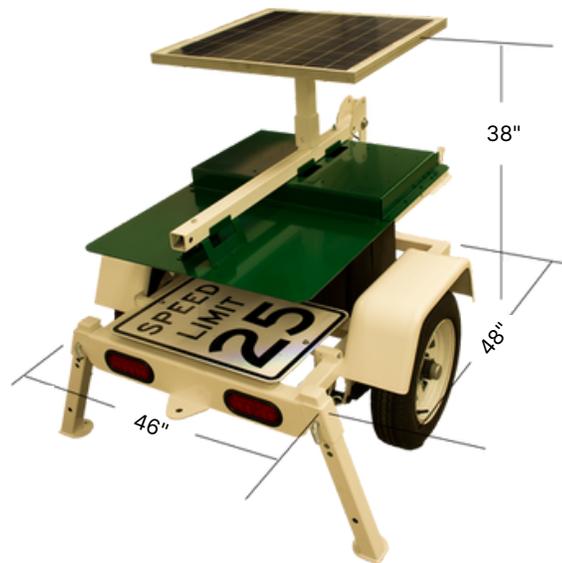
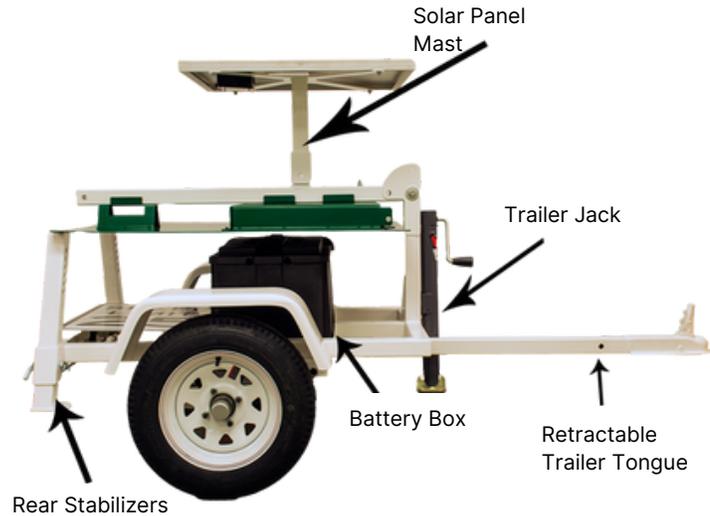
Battery Box: Housed in weatherproof chamber separate from battery compartment and sealed with provisions for thermal transfer, moisture control, and drainage

Integrated Solar Charging: 60 W Solar panel, deployed to a position higher than the sign. Solar panel stows flat over the sign for optimal skyward exposure for continuous charging of the battery. 20A Solar Charge Control Device. (14.4V regulation temperature)

AC Option: 26A Pro AGM Smart Charger (Pt #029-04677-0000)

### Warranty

3-year limited warranty excluding tires, 1-year on batteries



### TC Mini Trailer System with 150Ah Batteries

Part #	Trailer Color
M75-TRLER-TMOO	White

### iQ1200 Full-Matrix Sign (Sold Separately) iQ1500 Full-Matrix Sign (Sold Separately)

Part #	Reflective Sheeting Color
M75-12DFB-0001	White*
M75-12DFB-0002	Fluorescent Yellow-Green
M75-12DFB-0003	Fluorescent Orange
M75-12DFB-0004	Yellow

\*Non MUTCD Compliant

Part #	Reflective Sheeting Color
M75-15DFB-U001	White*
M75-15DFB-U002	Fluorescent Yellow-Green
M75-15DFB-U003	Fluorescent Orange
M75-15DFB-U004	Yellow

\*Non MUTCD Compliant