

# SMC 1000 ST

## Three-Line Solar Message Center



Manufactured to the same quality standards Work Area Protection is recognized for, the SMC 1000 ST meets all the requirements of the MUTCD, while offering unparalleled ease of maintenance and programming.

### Standard Features

- On-board dedicated NTCIP-compliant controller
- 5 LEDs per pixel provide uniform light output
- Energy-efficient LED display provides minimal battery maintenance and long operational life
- Automatic intensity control provides optimum LED intensity
- Industrial-grade trailer provides stable platform
- Powder-coat finish for improved fade and scratch resistance
- Simplistic programming
- Durable in-frame LED tail lights
- On-board charger provides option of solar or AC charging
- Quick-clip access for ease of display maintenance
- State-of-the-art charge technology reduces battery overcharge incidents
- Remote programming option available
- 5-year standard warranty



- On-board dedicated NTCIP controller provides easy programming with secure password protection



- One piece polycarbonate display window

**Work Area Protection**  
2500 Production Drive • St. Charles, IL 60174-9081





- Six 6-Volt Deep Cycle Batteries and hydraulic pump are standard

### SMC 1000 ST Unit Specifications

- Raised Height – 158" (4.01 m)
- Travel Height – 103" (2.61 m)
- Width – 96" (2.43 m)
- Length with tongue – 168" (4.26 m)
- Length w/o tongue – 130" (3.3 m)
- Weight – 1920 lbs (870.89 Kg)
- Energy Source – (6) 6-volt Deep Cycle batteries
- Generator – solar panel array 140 Watts
- Operating Temperature Range – -20 to +120 degrees F (-29 to +49 degrees C)
- Lift Mechanism – Leak-resistant electro-hydraulic
- Main Frame – 2" x 4" x .120" high-grade steel

### Sign Case Specifications

- Height – 70" (1.76 m)
- Width – 127" (3.22 m)
- Character Height – 18" (46 cm)
- Lamp – LED (5 per pixel)
- Legibility – 1000 ft (304 m)
- Characters – 3 rows, 8 characters per row

### SMC Computer Specifications

- Control Console Display: LCD
- Pre-programmed Messages: 250
- User-programmed Messages: 100
- NTCIP-compliant software
- Update Speed: 100 Milliseconds
- Removable Solid State Design
- Off-the-shelf QWERTY keyboard

*Specifications are subject to change without notice.*

### Ease of Computer Programming

A user-friendly dedicated computer designed by Work Area Protection reduces the number of keys required to program the Message Center. The unit provides NTCIP compliant functionality.

### LED Lamp Pixel Design

The SMC 1000 ST uses 5 high-intensity, solid-state LEDs per 2-inch pixel. This creates a more uniform light output in each pixel, resulting in increased message definition and distance legibility.

### Industrial-Grade Structural Steel Trailer

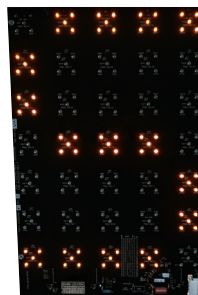
The SMC 1000 ST uses a durable trailer system designed to provide years of dependable service. The trailer's high-quality powder-coat finish, 2"x 4" 11-gauge steel frame and a 3,500-pound suspension system enhance the overall quality of the unit.

### Modular Electronic Componentry

The entire system was developed with the operator/end user in mind. Electronic components are easily replaced, reducing downtime and maintenance costs. This modularity also improves system diagnostics.



- LED trailer lights standard and inset into trailer frame



- 5 LEDs per pixel enhance light output and provide a more uniform pixel definition



## Work Area Protection Corp.

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WAP Jan 2018  
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