

## PRODUCT SPECIFICATIONS

# ATS 5 ULTRA-PORTABLE TRAILER

**ALL TRAFFIC**  
SOLUTIONS



**ATS 5 Trailer is compatible, interchangeably, with the following products:**

- o Shield 15 (Sh15) radar speed display
- o SpeedAlert 18 or 24 (SA 18 or SA 24) radar message sign
- o InstAlert 18 or 24 (IA18 or IA24) variable message sign
- 5' minimum to bottom of sign

### Weight

- o 620 lbs with 235Ah battery capacity and SA18
- o 760 lbs with 470Ah battery capacity IA24
- o Add 130 lbs for additional battery pair
- o Add 60 lbs for 120W solar panel
- o Add 40 lbs for 65W solar panel
- **Tongue weight:** 20 lbs
- **Dimensions:** 61.5" long x 62.5" wide x 64" high (stowed)
- Simple manual lever lift system for 1-person setup
- Removable tongue for 2" ball, lockable
- Storage for tongue and lift bar in locked battery compartment
- 16 ga. steel locking battery compartment with vented
- battery chamber, charger/accessories chamber and 1/8" aluminum diamond plate lid
- Continuous weld steel frame, white marine grade powder coat finish
- **Wheels:** 12", 5 bolt steel rims with 4.5" bolt circle
- **Ground clearance:** 9.75 under axle, 19 under chassis
- Replaceable steel fenders, weight supporting
- Locking wheel lug bolts, 1 per wheel, with removal tool
- **Axle:** 2000 lbs leaf spring
- **Jacks:** (4), retractable crank type, fully adjustable at each corner, 1500-lb capacity each

Recessed tail lights and DOT-approved lighting

- Safety chains, 30" with hooks

- DOT-approved red/white reflective tape
- License plate holder with light

### ATS 5 Trailer Power

- 12 VDC system, Std 4 pin wiring plug
- 235Ah or 470Ah batteries, (2) 6VDC batteries in series, deep cycle marine (130 lbs per pair, 2 pair max)
- 20A time delay fuse on battery supply
- 65W solar assist with 10A solar controller to prevent overcharging, other solar wattages available
- Solar panels charge while sign stowed or deployed
- 10 Amp 120VAC automatic charger with externally accessible AC connection
- Switch to control power to sign

### ATS 5 Trailer Options

- 30" x 36" speed limit sign and interchangeable digits for 5-65 mph display and locking hitch pin for display and stowing; digit storage in battery compartment
- Red and Blue Violator Strobe Light Bar, set to flash above user set speed
- Low Voltage Disconnect solar controller to turn off sign if power falls below 11.5VDC (decreases run time)
- (2) 5/16 ball or pintle hook, adjustable height, on removable tongue
- Orange powder coat finish (minimum order qty)
- AGM sealed batteries for lower temperature use, -40F (185Ah per pair, 370Ah max)
- Tamper alarm with adjustable sensitivity
- Wheel lock bar
- '7' digit for speed limit sign
- 14" tires and fenders
- Speed Dependent Messaging Option
- ALPR Camera System option

### Warranty

- 1-year warranty (three months on batteries)

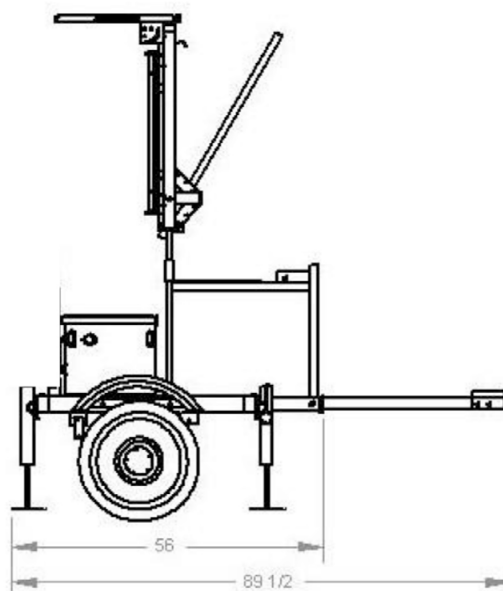
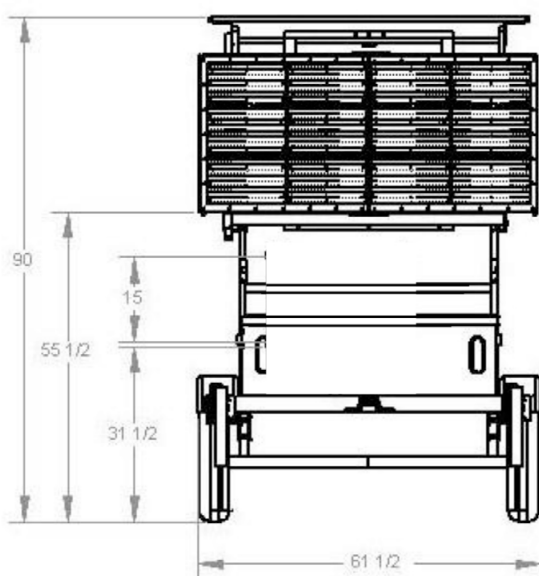
## Compatible with these ATS Products

Engineered and manufactured in the United States of America

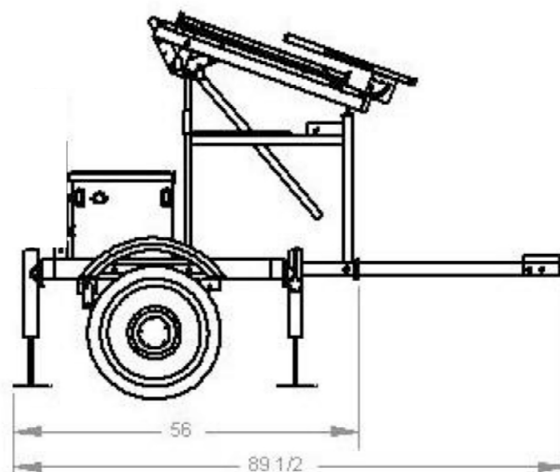
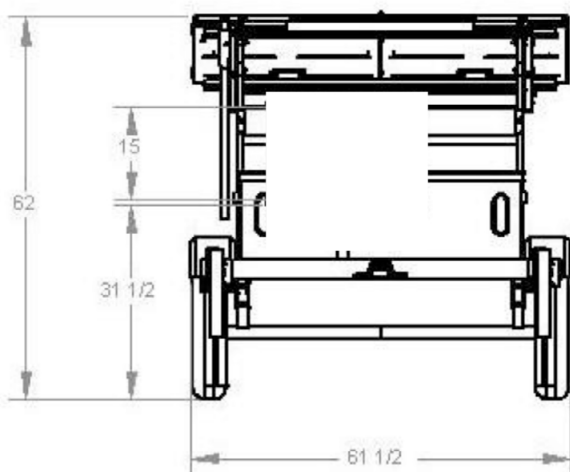
1. ATS 5 Trailer with SpeedAlert 24 and optional light bar
2. ATS 5 Trailer with SpeedAlert 18



## ATS 5 Trailer: Deployed with SpeedAlert 24

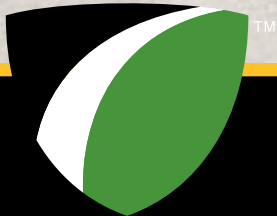


## ATS 5 Trailer: Stowed with SpeedAlert 24





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Connected Solutions for Better Traffic Safety Outcomes

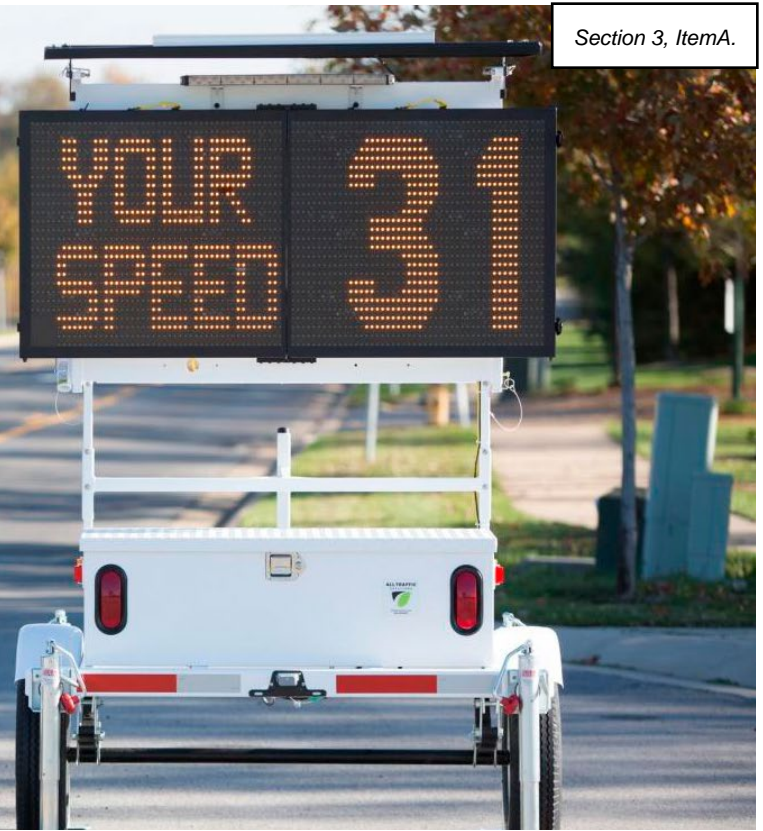
# SPEEDALERT 24 RADAR MESSAGE SIGN

[AllTrafficSolutions.com](http://AllTrafficSolutions.com)



# The Ultimate Multi-Purpose Tool.

SpeedAlert combines radar feedback with variable messaging for maximum versatility. Take SpeedAlert anywhere you want to resolve speed complaints, slow speeding, or share timely notifications.



## SPEED-DEPENDENT MESSAGING

Give drivers immediate feedback by displaying custom messages specific to their speed, like "Slow Down", "Too Fast!", or any other message you choose to create. You have complete control over which messages are displayed, when they are displayed, and for how long.

## FLASHING LED LIGHTS

Alert those who are traveling at high-risk speeds with flashing red and blue LED lights. You choose which speeds trigger the lights and can change the thresholds at any time.

## EASY TO TRANSPORT AND DEPLOY

The ultra-portable SpeedAlert 24 can fold in half and is easily deployable by one person on a trailer, portable post, pole, or vehicle hitch. The trailer is lightweight and easy to maneuver, so you can take it wherever you need traffic calming or roadside messaging.

**"On a per-dollar basis, this might be one of the best expenditures we have."**

– Pasha Majdi, Vienna VA Town Council





# Web-Based Reporting and Accessibility

All Traffic Solutions' patented TrafficCloud® software enables you to remotely manage and monitor your devices from anywhere using any internet-connected device.

Access real-time traffic data, generate ready-made speed and volume reports, and get email or text alerts for tampering, low batteries, and high-speed violators.

## MAXIMIZE RESOURCES WITH REAL-TIME DATA

### Use your web-enabled SpeedAlert sign to:

- Conduct hassle-free traffic studies
- Quickly resolve speeding complaints
- Increase driver speed awareness
- Identify speeding hot spots and prioritize enforcement in high-risk areas

## DURABLY MADE IN THE USA

SpeedAlert is shatterproof, graffiti-resistant, and built to last for over a decade in all weather conditions.

All Traffic Solutions products are manufactured in our State College, Pennsylvania production facility in compliance with the Buy American Act and the Buy America Act.

## WARRANTY AND FREE TRAINING

To ensure that our customers get the most out of our solutions, we offer the best product warranty on the market, world-class customer support, and unlimited free training from our US-based offices.

### Product Specs

#### SpeedAlert 24

DIMENSIONS	28" x 60" x 1.625"	WEIGHT	43 lbs.
TEXT	1 line: 24" H x 12.5" W characters, 4 per line		
	2 lines: 10.25" H x 5.75" W characters, 8/line		
	3 lines: 7" H x 4" W characters, 12 per line		
	2 lines: (1) 7" char, 12/line, (1) 10.25" char, 8/line		

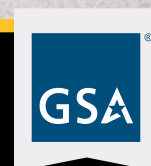
Section 3, ItemA.

"SpeedAlert acts on our behalf when we can't be there—it's the tool in our back pocket."

– Sgt. Zach Finfrock, Clarendon Hills IL  
Police Department







For more information visit us online at [AllTrafficSolutions.com](https://AllTrafficSolutions.com)

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