

## AutoFlagger® 54

The AutoFlagger® has been designed to increase the safety and security of flaggers, workers and motorists in the work zone. This rugged, simple-to-operate system increases flagger safety by allowing a single person to remotely operate two automated flaggers from a safe vantage point.

Automated Flagger Assistance Device



### Key Features

- Remotely control one or two units.
- Smart technology prevents both signs from displaying duplicate signals.
- Tall mast height alerts motorists that a traffic control operation is in effect.
- Signal head lowers for towing.
- Handheld remote displays each AFAD's message and indicator lights on signal heads confirm message to operator.
- Over 1-mile RF range. No FCC licensing.
- Gate arm aids in traffic control.
- Rugged, weatherproof design.
- 3-year warranty.

### General Specifications

Overall Length .....	98"
Overall Width .....	54"
Retroreflective Stop Sign .....	R10-6 24"x36"
Sign Head Lift.....	Zero Gravity
Paint .....	Orange/Black
Tire Size .....	ST 175/80D-13
Weight.....	800 lbs
Operating Height.....	147"
Transport Height .....	105"

### Warranty/Shipping

The AutoFlagger® comes with the best warranty in the industry. Warranted to be free from defects in either materials or workmanship for three years from the date of delivery.

- 3 years: repair/replacement on defective materials and workmanship
- Year 1: on site
- Years 2-3: at Safety Technologies facility or cement parts sent
- Batteries and lights: per manufacturers' warranty
- Shipping: F.O.B. Safety Technologies facility, Red Wing, MN

### Contact Info

Call us toll free at 1-888-FLAGGER (352-4437)  
Visit us online at [www.autoflagger.com](http://www.autoflagger.com)

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## Trailers

- One-person setup and operation.
- 11ga. x 4"x 2" tubular & 4" channel main frame
- Telescoping hitch with easy lock mechanism
- 2000 lb axle
- 5/16" plated safety chains w/spring latch hooks
- 1/8" diamond plate deck
- Screw jacks located on each corner
- Peripheral conspicuity tape DOT-C2
- 1/4"x 2" polyethylene bumper pads
- Interchangeable 2" ball or pindle hitch
- Gate arms trigger audible alarm when hit by a vehicle
- Optional pneumatic or doppler radar intrusion alarm system
- Nested trailer design
- Polyethylene fenders
- Sealed beam tail lights
- Optional electric or hydraulic brakes
- Phillips Duraflex trailer wiring
- 7 pole trailer plug, or as per request
- Manual controls for signals
- 12 Volt DC-powered charger for handheld battery packs (each charger includes one Li-ion battery pack)

## Battery/Tool Box

- Polyethylene construction
- Keylock with secondary padlock
- Two 31DC 12-volt deep cycle marine batteries.
- 115 VAC charger for 12 volt deep cycle batteries.

## Signal Head Assembly

- 12" red LED signal head with visor
- 12" amber LED signal head with visor
- Rear-facing red status indicator
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- 125 db. warning horn can be activated by operator, deflected gate arm or optional intrusion alarm.

## Solar Charger

- 55 watt, multi-axis adjustable (other wattages available)

## Handheld Remote

- LCD display with backlight
- Uses one easily-changeable rechargeable Li-ion battery pack (included)
- 900MHz spread spectrum transceiver
- No FCC licensing required on this frequency
- 6 levels of binary coding for security
- Range: over 1 mile from operator to sign

