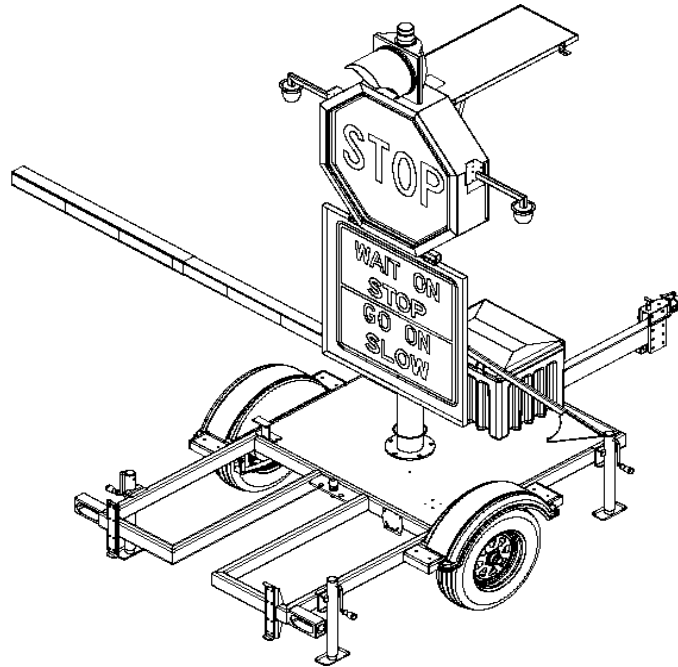


## Features

- ◆ Safe operation of one or two signs remotely by a single operator.
- ◆ Smart technology prevents both signs from displaying 'SLOW' simultaneously.
- ◆ Large, high-visibility signs and overall mast height alert motorists that flagging is in effect.
- ◆ Visual feedback from both the handheld transceiver and side/top strobe lights.
- ◆ Easy one person set up. Trailers nest and lock together for towing as a single trailer.
- ◆ 1 mile plus RF range.
- ◆ Rugged, weatherproof design.
- ◆ 3 year warranty.



## Description

The AutoFlagger™ has been field tested and been in use since 1996 by MnDOT. This simple to operate, rugged system increases flagger safety by allowing a single person to remotely operate 2 signs from a convenient vantage point between the signs. Flashing side amber and top red strobes give positive feedback to the operator and workers within the work zone about each sign's message.

An easy to use, weatherproof handheld wireless remote control operates the signs and also displays the status of each sign. The remote control and each sign contain RF transceivers so that each command sent to the sign is continuously monitored and the sign's display is verified on the remote control. A microprocessor in the remote control assures that it is not possible to allow both signs to display 'SLOW' simultaneously without taking deliberate reprogramming steps.

Worker safety is enhanced since the operator can select a safe location in the work zone that gives the operator a clear view of all aspects of the work zone. The operator can observe the flow of vehicles at both ends of the zone, monitor the crew members' positions, and adjust the flow of traffic to allow for the entry and exit of construction equipment. Emergency horns on the signs can be activated by the operator to alert workers and motorists of potential danger.

Each sign conforms to the mandatory octagonal silhouette, while the rotatable sign heads achieve a slim profile for easy transport. The sign heads are fully enclosed and protected against weather, dust and dirt. Retroreflective 36" 3M Diamond Grade signs, a red signal face, red and amber strobes, a large physical presence and auxiliary lighting at night help motorists quickly and easily recognize that a flagging operation is in effect.



Model AF-76

AutoFlagger™

## Specifications

### General

Overall Length: 147"  
Overall Width: 76"  
Weight: 1,250 pounds  
Operating Height: 143"  
Transport Height: 125"  
Shipping Height: 107" (Signal head removed)  
Tire Size: ST205/75-14C  
Paint: Safety Orange  
Black  
Sign Head Lift: 12vdc Linear Actuator

### Sign Head Assembly

18ga. Hinged Cover  
3M DG Cubed Regulatory Sign w/ 5" D/E Fonts  
18ga. Octagonal Enclosure  
3/16" Polycarbonate Front Panel (MR-10)  
36" 3M DG Cubed 'STOP' Sign  
36" 3M DG Cubed Fluorescent Orange 'SLOW' Sign  
12" Red LED Signal Head w/ Visor  
1 - Xenon Top Red Strobe  
2 - Xenon Side Amber Strobes  
Remote control actuated 125db Warning Horns  
Main Stem is 3/16" wall, 5" O.D., DOM Tube

### Trailer

11ga. x 4"x 2" Tubular Main Frame, Mitered Corners  
11ga. x 4"x 2" Tubular Cross Members  
11ga. x 5"x 2-1/2" Hitch  
3500 Pound Axle  
Optional, 10" Electric or Hydraulic Brakes  
5/16" Plated Safety Chains w/ Spring Latch Hooks  
1/8" Diamond Plate Deck  
4 - Swivel Screw Jacks located on each corner  
Peripheral Conspicuity Tape DOT-C2  
1/4"x 2" Polyethylene Bumper Pads  
2" Ball for Second Trailer Coupling  
Nested Trailer Design  
Polyethelyene Fenders  
11ga. Tail Light Housings  
Sealed Beam Tail Lights  
Main Column is 3/16" wall, 5-1/2" O.D., DOM Tube

### Battery/Toolbox

Polyethelyene Construction  
Keylock w/ Secondary Padlock  
1- Dual Bay Charger for Handheld Battery Packs

### Wireless/Electrical

#### Solar Charger Panel

40 Watt, Hinge Mount w/ Gas Shock Absorbers

#### Handheld Transceiver

LCD Display w/ Backlight  
3 - NiMH, Rechargeable Battery Packs  
900 MHz Spread Spectrum Transceivers  
Range: 1 mile + from operator to sign

#### Trailer

2 - 31DC Deep Cycle Marine Batteries  
Phillips Duraflex Trailer Wiring  
7- pole Trailer Plug, or, as per request

### Warranty/Shipping

3 years: Repair/Replacement on Defective  
Materials and Workmanship  
Year 1: on site  
Years 2-3: Safety Tech Facility or replacement  
parts sent  
Batteries/Lights: warranty per manufacturer

#### Shipping

F.O.B. Safety Technologies Facility, MN