



WHAT'S A ROBUST FLAGMAN?

It is a rigid mannequin uniformed with reflective sheeting a traffic flag on its right hand to move, and a solar cell on its left hand.

Ballast base to prevent the mannequin to fall down.

Ideal height and reflectivity that optimize visibility at long distances.

Excellent to use in work areas, gas stations, school zones, dangerous crossings, etc.

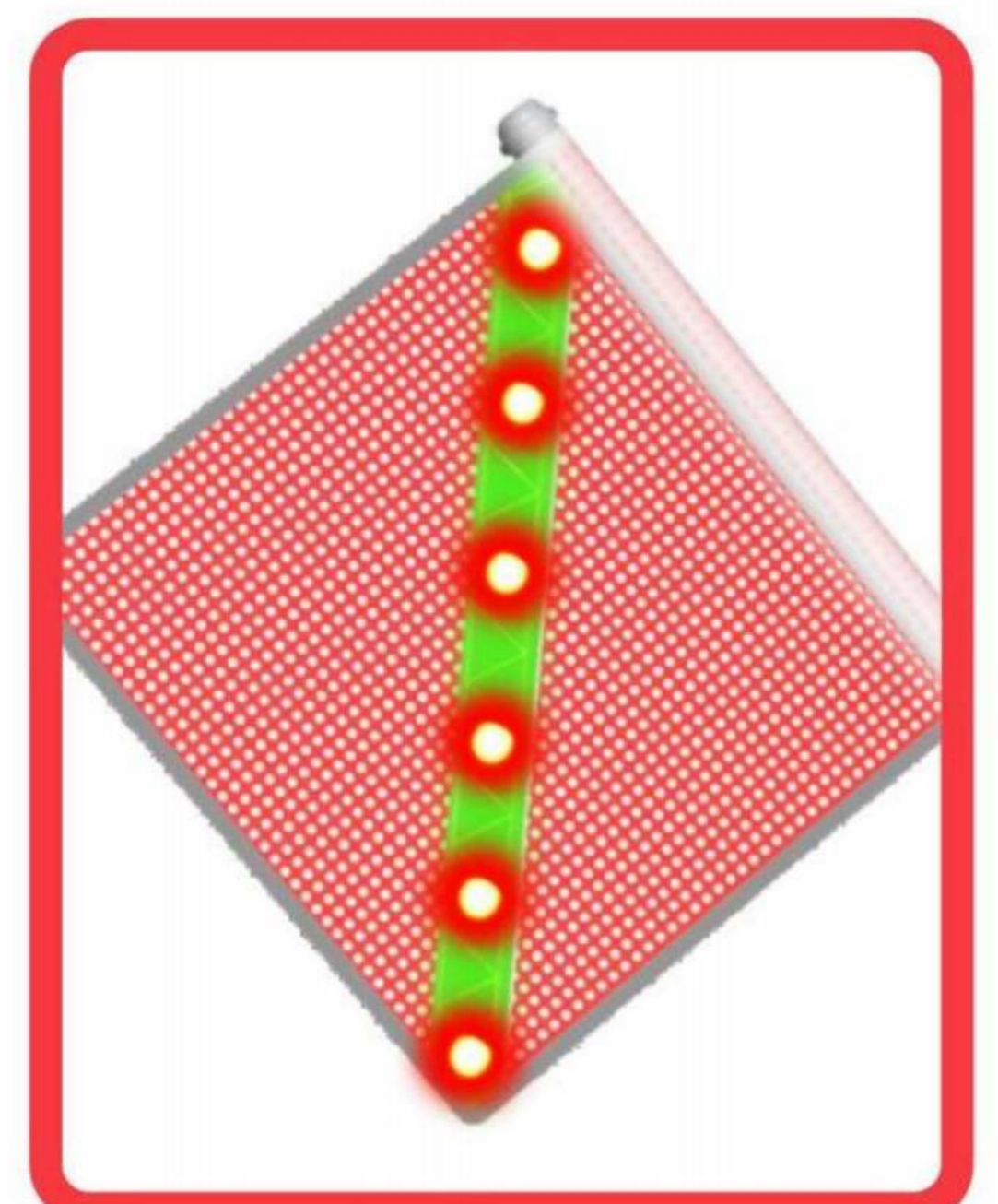
Traffic flag has a brushless motor that increase durability and provides a functionality of approximately 6 years with a 24 continuous operation. Brushed motors have a lifespan of approximately 3 to 6 months.

Features

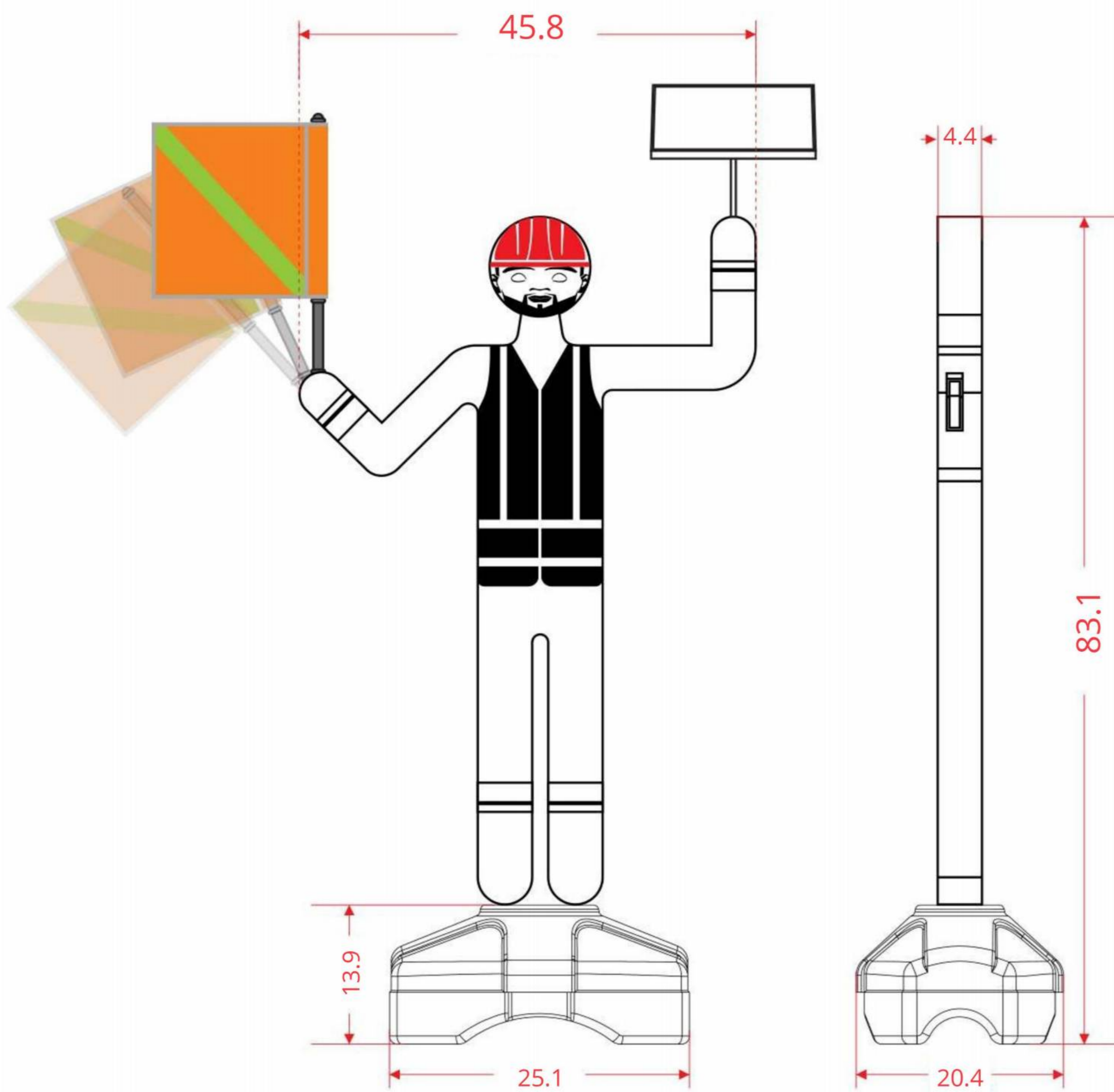
- High resistance rotomolding body in yellow or orange color.
- Turtle type base, with ballast for better balance and prevent the mannequin to fall-down due to wind.
- The mobility in its right arm, is due to a movement activating motor.
- Traffic flag is made of sport mesh in fluorescent orange, with silver strip in its perimeter and a diagonal line of prismatic reflective material in fluorescent green in both sides.
- Its left arm has a solar cell to power with.
- Option to include an affordable warning light or a GO paddle (not included).
- Dressed with reflective sheeting to improve visibility.
- Flashing eyes composed by 2 ultrabright LEDs in amber or white color covered by optics to diffuse light (optional).

SOLAR LIGHTING SYSTEM

- 12V battery.
- 12 Volts electronic motor system, brushless motor for a long life span.
- ON/OFF switch.
- 420 x 360 mm solar cell.
- JVM circuit.
- 24 hours of continuous operation.
- Solar load controller.



Dimensions in: **in**



Dimensions and other measures are nominal and may vary by +/-2%.

Measures

Base	Length: 25.1 in Width: 20.4 in
Flagman	Height: 13.9 in Mannequin's Height: 69.1 in Total Height: 83.1 in
Ballast	Sand
Approx. weight	66.1387 lb
Reflective sheeting	White or amber color
Traffic flag	17.7 in x 17.7 in x 29.5 in
Solar cell	Maximum Power (Pmax): 20W Maximum Power Voltage (Vmp): 18V Maximum Power Current (Imp): 1.14A Short Circuit Current (Isc): 21V Open Circuit Voltage (Voc): 1.21A Maximum System Voltage: 100VDC
	Cell Temperature: -40 °C to +85 °C Fuse Rating: 10A Application class: A
Solar load controller:	LCD *12V/24V *30A
	<ol style="list-style-type: none"> 1. Integrated industrial microcontroller. 2. Liquid Crystal Display, all the adjustable parameters. 3. 4-stage PWM charge management 4. Incorporated protection against short circuits, protection against open circuit, reverse. 5. Protection against overcurrent. 6. Dual protection of Mosfet reverse current, low heat generation.

MOTOR FOR TRAFFIC FLAG



Motor of: 12 V.
18-20 RPM (revolutions per minute).
Brushless Assembly motor that provides a functionality of approximately 6 years working 24 hours daily.

