



X-Marker L-893(L) Runway Closure Marker

WTRC

The Wanco X-Marker is an L-893(L) lighted visual aid to indicate temporary runway closure. It efficiently and effectively warns pilots of closed airport runways and taxiways, and protects maintenance crews working in these areas. Proven technology, the X-Marker is in extensive use at airports today.



The Wanco X-Marker Runway Closure Marker is a lighted visual aid for indicating to airplane pilots that an airport runway is closed. Designed to exceed FAA requirements, its flashing lights can be seen both day and night from miles away, clearly discernible as a giant “X” and distinguishable from other lighted visual devices used at airports, signifying that the runway is not open for landings. The X-Marker trailer is easy to transport and can be deployed by one person in less than five minutes.

The “X” shape comprises nine lights on four independent arms and a mast. When deployed, the mast tilts upward nearly to vertical, and the “X” is centered at the top of the mast. For transport and storage, the mast tilts downward and the arms pivot together. The entire assembly lies flat when stowed, held in place by support brackets and lock-pins.

Each arm includes two high-efficiency LED light fixtures, with one additional light fixture located at the center of the “X.” LEDs provide highly directional light distribution, resulting in high luminosity and low power consumption.

System power is provided by batteries that are charged continuously by a diesel engine. The system can run continuously for up to a week without intervention or refueling, and the batteries continue to power the lights if the engine shuts down.

The power system is housed in a weather-resistant enclosure that has two side doors for easy access. For complete access to the engine, generator and electrical components, the enclosure also has a hinged top panel that rises with the “X” assembly when maintenance is required. The side doors may be opened while the maintenance panel is raised, further enhancing access. An optional secondary-containment system, integrated into the enclosure, protects against fluid leaks, spills and drips.

Features

- Certified to FAA AC 150/5345-55A
- High-efficiency LED lights are visible at long distances
- Extremely portable, can be towed by most vehicles
- Easy setup in less than 5 minutes
- Lockable control box and engine cage
- Perkins industrial diesel engine with 30-gallon fuel tank
- 168 hours of continuous operation on a single tank of fuel

Transport

- Compact trailer is easy to maneuver
- Torsion axle provides smooth ride and reduces stress on components
- Cradles with locking pins hold display arms in place during transport

Setup

- Heavy-duty hand-winch allows one person to easily raise and lower “X” assembly
- Lock-pins hold the assembly in place during operation
- Two outriggers and five leveling jacks provide stability
- Full deployment by one person takes less than five minutes

Operation

- Fully enclosed steel equipment-bay protects controls, engine, and other components from the elements
- Two gull-wing doors with handles and latches provide access to controls, fuel tank, engine, and electronics
- Door latches accept user-supplied padlocks to protect equipment bay from unauthorized access
- Control panel features elapsed hour meter, engine indicator lights, and brightness-selection switch
- Manually activated high-power operating mode melts ice from lights

Lights

- High-efficiency LED lights provide bright, highly directional light
- Lights are instant-on and immediately at full intensity
- Flashing front-facing lights are visible for miles, day or night, even in poor weather
- Flashing rear-facing indicator lights allow operator to see the equipment is operating

Power system

- Ultra-quiet industrial diesel engine, 3-cylinder and water-cooled
- Energy-efficient operation results in extraordinarily long run times — 168 hours between refuelings
- Batteries continue to power lights for 24 hours after engine fuel runs out
- Engine properly sized for low-wattage load of high-efficiency LED lights
- Engine size prevents wet stacking, ensuring higher efficiency and no waste
- Extra-large polypropylene fuel tank shows fuel-level at a glance, no need for fuel gauge
- Fuel tank has wide filler neck for convenience
- Automatic shutdown system protects engine from damage due to low oil pressure and high coolant temperature

Maintenance

- 50,000-hour LED lifespan reduces maintenance by virtually eliminating the need for replacement
- Hinged maintenance panel provides unimpeded access to engine, generator and electrical components
- Durable powder-coat finish resists the elements
- Standard trailer tires
- Heavy-duty bolt-on steel fenders can be replaced if damaged

Applications

- Lighted visual indication of temporary closure of airport runway
- Can also be used for airport taxiways

Options

Transport

- 2-inch ball coupler tow hitch
- Standard lunette ring for 2 1/2-inch pintle hook
- Heavy-duty lunette ring for 3-inch pintle hook
- Tandem tow package
- Oversized forklift channels

Power

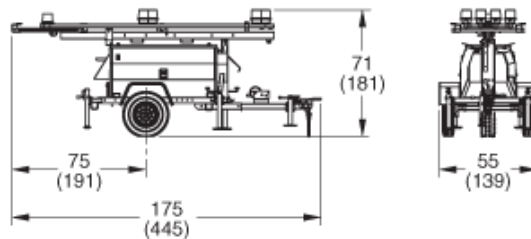
- AGM batteries

Accessories

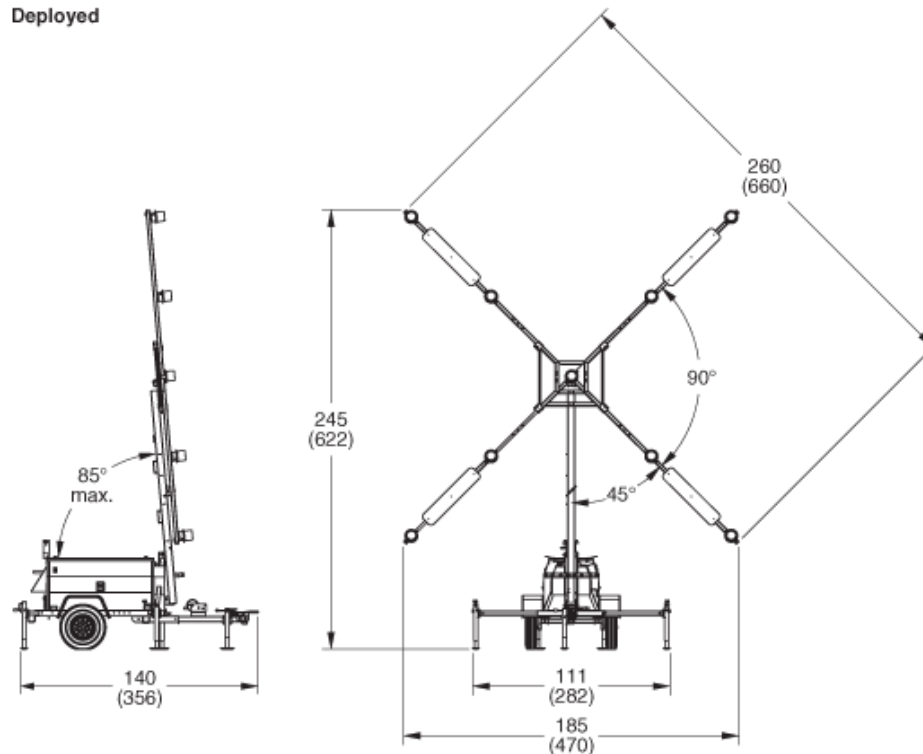
- Integral fluid containment
- Sensor-controlled electric fan
- Cold weather package
- Arctic weather package
- Emergency stop
- Light covers

Dimensions in
inches
(cm)

Travel Position



Deployed



Some options may not be available for aftermarket installation. Please consult factory.

Rev 2018-02-23