



Full-Matrix Message Signs

WTMMB



Full-size, full-matrix Wanco Variable Message Signs are the ideal choice when you need to get information to the public. The full matrix allows the greatest flexibility for displaying any type of message — large or small letters, graphics and symbols. Perfect for a wide variety of applications, a multitude of functions and options make these signs extremely versatile.

Features

Setup

- Under 3000 pounds, can be towed by most vehicles
- Standard 2-inch ball coupler tow-hitch
- Hydraulic lift allows one person to easily raise and lower the message board
- Tower rotates 360 degrees for optimal positioning
- Single disk brake holds board in place during operation, while a cradle supports and holds board in travel position



Operation

- Self-contained onboard computer, no laptop required
- Easiest programming in the industry
- Preprogrammed text messages, symbols and graphics
- Quick-reference instructions, silkscreened on control panel, include most commonly performed tasks
- Easily center each line of text
- Internal clock facilitates built-in schedule programming
- Multiple alphanumeric fonts make message clear and legible
- Optical lenses and sunshades increase visibility and performance
- Wide footprint provides stability in high wind, while optional outriggers add even more support
- Multi-level password protection limits access to control software
- Control box can be locked to prevent unauthorized access
- Standard QWERTY keyboard is easily replaced

Power system

- Energy-efficient operation results in long run times
- Solar panels charge batteries automatically without intervention
- Computer shuts down solar-panel charging system when batteries are fully charged, preventing damage
- Unique system allows battery charging with solar panels and commercial power

- Cooling fans protect sign cabinet and battery charger from overheating
- Battery box can be locked to prevent unauthorized access

Maintenance

- Individual character modules can be replaced easily
- Standard 15-inch trailer tires
- Heavy-duty bolt-on steel fenders can be replaced if damaged
- Durable powder-coat finish resists the elements

Standards compliance

- NTCIP compliant
- Meets MUTCD
- AASHTO (NTPEP) tested

Options[†]**Winch**

- Hand-operated heavy-duty winch

Charging system

- Solar panels from 130 to 390 W

Tow hitch

- Heavy-duty lunette ring for 3-inch pintle hook
- Combo-hitch for 2-inch ball and 3-inch pintle hook

Brakes

- Hydraulic surge brakes
- Electric brake

Other options

- Extendible outrigger jack stands for added stability
- [IP modem for remote monitoring and message control](#)
- [Radar-speed package for monitoring traffic](#)
- [Traffic data collector](#)
- [Remote-Video Monitoring System](#)
- [Remote-access GPS package for locating message sign](#)

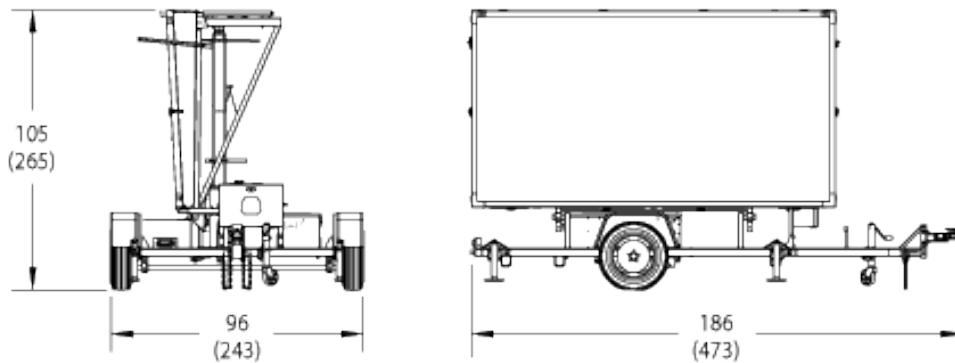
†Some options may not be available for aftermarket installation. Please consult factory.

Specifications[†]**Weight**

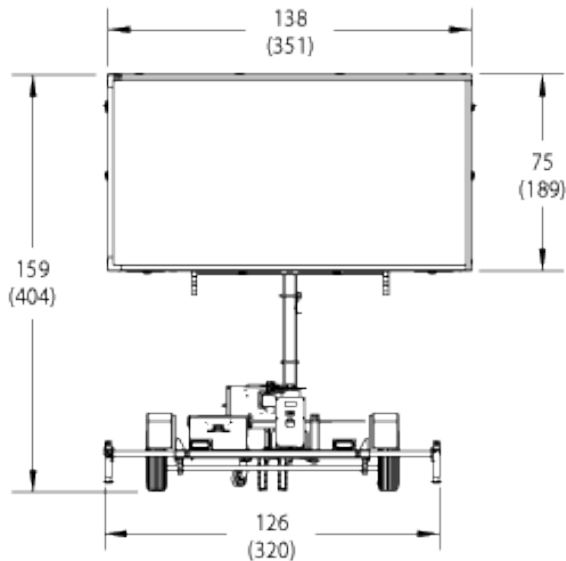
Approx. 2640 lbs. (1193 kg)

Dimensions — inches (cm)

Travel Position



Deployed



Construction

Trailer	MIG-welded, 2 x 3-inch steel tubing
Sign cabinet	Aluminum sheet and welded channels
Coating	Powder-coated and oven-baked
Axle assembly	3500-lb. capacity 4-inch drop axle 5 on 4.5-inch BC idler hub Double eye leaf springs
Tires	ST205/75 D15

Display

Resolution	Four amber LEDs form each pixel
Matrix	48 pixels wide, 27 pixels high
Smallest characters	4 lines, 12 characters
Largest characters	1 line, 6 characters
Legibility	Approx. 600 to 3200 ft. (183 to 976 m)

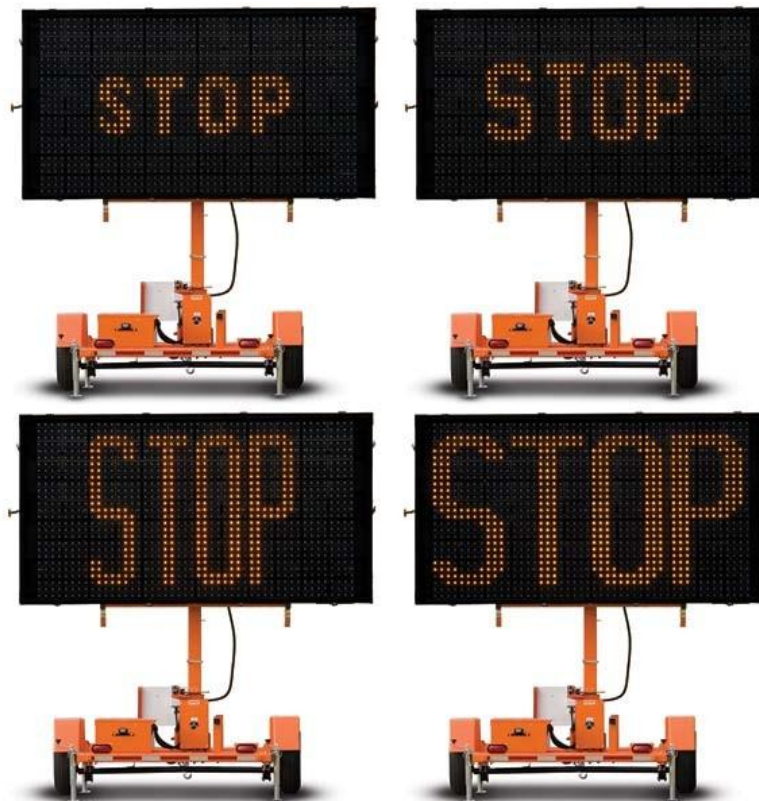
Power — standard

Batteries	Four 6 V dc golf cart-type, wired in series and parallel for 12 V dc power supply
Battery capacity	450 Ah total
Battery charger	15 A
Solar panels	130 W

Power — optional

Batteries & solar	Six 6 V dc golf cart-type, wired in series and parallel for 12 V dc power supply, 675 Ah total battery capacity 150 W or 170 W solar power
Diesel engine	Lombardini 15 LD 350D 7.5 hp (5.5kW) @ 3600 RPM 1.3 qt. (1.2 L) deep oil sump Transparent polyethylene fuel tank, 30-gallon capacity

†Specifications subject to change without notice.



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