Truck-Mounted Arrow Boards



WANCO®

WECO®

800-972-0755
www.wanco.com



Truck-mounted arrow boards provide an obvious solution for convoys, crash-cushion (TMA) trucks and emergency repair crews.

An invaluable traffic calming device, arrow boards play an essential role in keeping workers safe. Highly visible, easy to operate, rugged and dependable, Wanco® Truck-Mounted Arrow Boards set the standard. Wanco's proprietary LED design provides wide angularity, exceptional visibility and outstanding energy-efficient operation.

The control panel, installed inside the cab, operates the arrow board display and electrically controlled tilt-frames. Wired and wireless controllers are available for most full-size models.

Wanco Truck-Mounted Arrow Boards come in four sizes with the industry's largest selection of truck- and trailer-mounting options. The largest size is available in three skid-mount models. Plastic arrow-shaped signs are also available.

Wanco Arrow Boards are connected to the cloud, enabling real-time alerts to mobile apps and vehicle navigation systems.* Connected arrow boards warn drivers in advance, helping to prevent crashes and improve work zone safety. To learn more, take a look at the back of this brochure or visit wanco.com.

**MUTCD types C and B only. See "Brief Specifications" on page 5 for models.*

Features

Full-size 15-light and 25-light models

5, 7 or 12 display patterns

Roof-top, bed and tailgate mounts

Wired and wireless controllers

Power- and manual-tilt options

Vehicle-powered, or battery-powered with solar charging system

All full-size models meet MUTCD

Easy to operate and maintain

High-output LEDs provide superior visibility

Flash rate of 30–40 per minute

Controller located inside vehicle

Energy-efficient operation

Positive-drive voltage system applies power to lamps only when lit

Optional automatic dimming conserves power

Arrow Board Sizes

48 x 96 in.	122 x 244 cm
36 x 72 in.	92 x 183 cm
30 x 60 in.	76 x 152 cm
24 x 48 in.	61 x 122 cm*
50 in. split arrows*	

**Connected features not supported*

Mounting Options

Manual-tilt (auto-lock) frame

180-degree power-tilt frame

90-degree power-tilt frame

Low-profile 90-degree power-tilt frame

Folding skid

Low-profile folding skid

Rigid (fixed-position) skid

Tailgate bracket

Truck-bed mount

Trailer mount

Customer-supplied mounting

Models with 25 lights feature 12 flashing and sequential patterns. Models with 15 lights feature either 7 flashing and sequential patterns or 5 flashing patterns.

Standard Wanco Truck-Mount Arrow Boards include a wired controller. Wireless arrow boards feature a wireless touchscreen controller, and can also operate with a wired controller. For easy installation, wired controllers use a common Cat 5e Ethernet cable.

Power to the arrow board is supplied by the vehicle power system. Self-powered models have built-in battery power and automatic solar-based charging that provides autonomous operation. Self-powered models feature W|ECO® Technology for incomparable energy-efficient performance. To learn more, visit wanco.com.

Battery-powered arrow boards feature W|ECO® Technology



Control panel, 12 arrow patterns

NEW! Truck-mount controllers for connected arrow boards use a single, standard Ethernet connector



Control panel, 5 arrow patterns
Connected features not supported



Control panel, 7 arrow patterns



Touchscreen controller for wireless arrow boards

Power-Tilt Frames



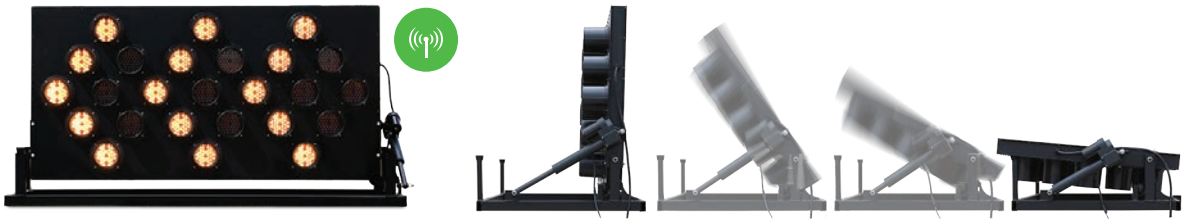


24 x 48 in. arrow board with sealed-beam lamps

90° Power-Tilt Frame

The 90-degree tilt frame allows the board to face traffic, or to face downward when not in use. The control panel, installed inside the cab, operates the arrow-board display and tilt frame. An electric actuator tilts the frame.

	15-light, 5 patterns*	15-light, 7 patterns	25-light, 12 patterns
48 x 96 in.	WFBP8-LA	WFBP8-LSA	WFBP8-LSAC
36 x 72 in.	WFBP6-LA	WFBP6-LSA	WFBP6-LSAC
30 x 60 in.	WFBP5-LA	WFBP5-LSA	WFBP5-LSAC
24 x 48 in.	WFBP4-LA (13-light, 5 patterns only)*		



Low-Profile Power-Tilt Frame

When stowed, the low-profile tilt frame is less than 16 inches in height. An electric actuator tilts the frame, controlled with buttons on the arrow-board control panel.

	15-light, 5 patterns*	15-light, 7 patterns	25-light, 12 patterns
36 x 72 in.	WLP90B6-LA	WLP90B6-LSA	WLP90B6-LSAC
30 x 60 in.	WLP90B5-LA	WLP90B5-LSA	WLP90B5-LSAC



180° Power-Tilt Frame

The 180-degree tilt frame allows the board to face oncoming traffic. The control panel, installed inside the cab, operates the arrow-board display and tilt-frame. An electric actuator tilts the frame.

	15-light, 5 patterns*	15-light, 7 patterns	25-light, 12 patterns
36 x 72 in.	WFP180B6-LA	WFP180B6-LSA	WFP180B6-LSAC
30 x 60 in.	WFP180B5-LA	WFP180B5-LSA	WFP180B5-LSAC

**Connected features not supported*

More Mounting Options



Manual Tilt (Auto-Lock) Frame

The auto-lock frame allows the arrow board to be tilted manually. Pulling the spring-loaded locking pin releases the board, which can be tilted 90 degrees downward when not in use. The pin automatically locks the board into position.

	15-light, 5 patterns*	15-light, 7 patterns	25-light, 12 patterns
48 x 96 in.	WFB8-LA	WFB8-LSA	WFB8-LSAC
36 x 72 in.	WFB6-LA	WFB6-LSA	WFB6-LSAC
30 x 60 in.	WFB5-LA	WFB5-LSA	WFB5-LSAC
24 x 48 in.	WFB4-LA (13-light, 5 patterns only)*		



	15-light, 5 patterns*	15-light, 7 patterns	25-light, 12 patterns
48 x 96 in.	WB8-LA	WB8-LSA	WB8-LSAC
36 x 72 in.	WB6-LA	WB6-LSA	WB6-LSAC
30 x 60 in.	WB5-LA	WB5-LSA	WB5-LSAC
24 x 48 in.	WB4-LA (13-light, 5 patterns only)*		

No Mounting Kit

An arrow board without a mounting kit is ready to install on your own frame or brackets. All connections for wiring and controlling the arrow board are included.

Brief Specifications

Board size, H x W	Lamp size	MUTCD type
48 x 96 in.	PAR 46	C
36 x 72 in.	PAR 46	B
30 x 60 in.	PAR 36†	B
24 x 48 in.	PAR 36	A
All sizes		
Controller cable	Standard Optional	Connected models: Cat 5 cable 5-pattern models: wire harness Wireless
Power supply	Standard Optional	Vehicle power Batteries with automatic solar charging

†*PAR 46 available for 15-light models.*



Tailgate Mount

The tailgate mount allows the arrow board to be installed in a fixed position on any truck tailgate, either permanently or temporarily. Installation on the tailgate takes only a minute. The control panel, installed inside the cab, operates the arrow-board display.

	15-light, 5 patterns*	15-light, 7 patterns	25-light, 12 patterns
48 x 96 in.	WVGB8-LA	WVGB8-LSA	WVGB8-LSAC
36 x 72 in.	WVGB6-LA	WVGB6-LSA	WVGB6-LSAC
30 x 60 in.	WVGB5-LA	WVGB5-LSA	WVGB5-LSAC
24 x 48 in.	WVGB4-LA (13-light, 5 patterns only)*		



Truck-Bed Mount

The truck-bed mount is an accessory that allows the arrow board to be installed off the truck bed. Two triangular brackets bolt to the bed and support either the 90° manual-tilt or 90° power-tilt frame, raising it 31 inches.

Skid-Mounts



Standard Folding Skid

WSSP-LSA 15-light, 7 patterns
WSSP-LSAC 25-light, 12 patterns



Low-Profile Folding Skid

WSSP-LSA(LP) 15-light, 7 patterns
WSSP-LSAC(LP) 25-light, 12 patterns



Rigid Skid

WS1SB8-LSA 15-light, 7 patterns
WS1SB8-LSAC 25-light, 12 patterns

Full-size arrow boards (48 x 96) can be skid-mounted for installation on a truck bed, trailer or any rigid footing. A choice of models provides flexibility for almost any installation.

Featuring an integrated power supply and W|ECO Technology, these are the most energy-efficient and environmentally friendly arrow boards in the industry, able to operate without an external power source.
To learn more, visit wanco.com.

Skid-mount arrow boards feature W|ECO® Technology



Control panel, 12 arrow patterns



Control panel, 7 arrow patterns

NEW! Skid-mount wired controllers include integrated voltage meter



Touchscreen controller for wireless arrow board skids

Brief Specifications

Skid-mount arrow boards	Standard		Low-profile		Rigid	
Frame size, W x D	54 x 48 in.	136 x 122 cm	54 x 48 in.	136 x 122 cm	57 x 31 in.	144 x 78 cm
Board size, H x W	48 x 96 in.	122 x 244 cm	48 x 96 in.	122 x 244 cm	48 x 96 in.	122 x 244 cm
Operating height	120 in.	305 cm	87 in.	221 cm	77 in.	195 cm
Traveling height	75 in.	191 cm	44 in.	112 cm	77 in.	195 cm
Weight, approx.	540 lb	245 kg	520 lb	236 kg	320 lb	145 kg

Arrow-Shaped Signs



Arrow-Shaped Signs

WSBLA-14	No frame
WFBLA-14	Manual tilt (auto-lock) frame
WFBLA-14L	Low-profile frame

Connected features not supported



Controller, 5 arrow patterns

Wanco vehicle-mount arrow-shaped signs are constructed of heavy-duty ABS for rigidity and durability.

These signs feature the same ease of use as our other arrow boards, with standard or wide-angle LED lamps, and mounting options that include manually and electrically operated tilt-frames.

The control module has a wiring harness for mounting inside a truck cab.



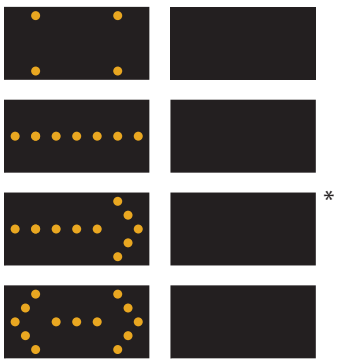
Low-profile power-tilt frame

Brief Specifications

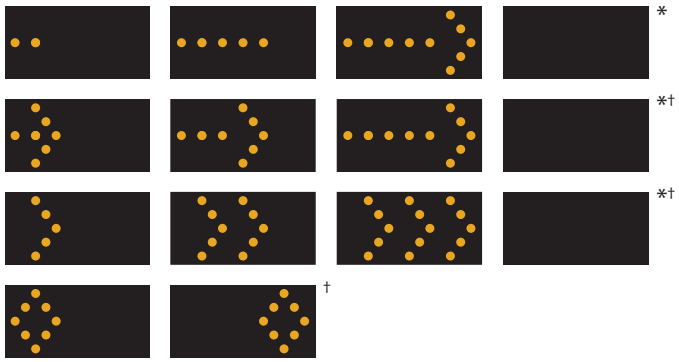
Arrow-shaped boards		
Arrow pair size, W x H	50 x 29 in.	127 x 72 cm
Cable length	15 ft.	4.57 m
Power supply	Vehicle alternator	

Arrow Board Display Patterns

Flashing patterns



Sequential patterns



*Left or right †25-light models only

Wireless Arrow Boards



Wanco wireless arrow boards are designed specifically for systems that are required to be on and off the vehicle.

Wired to power only, the arrow board and controller "talk" wirelessly using 900 MHz RF transmission for a reliable connection. No cables or wires need to be routed into or out of the truck cab. With the W|ECO power system, the arrow board can even be installed on a trailer.

The appealing design of Wanco's wireless controller features large, colorful graphics on a bright, 4-inch, touchscreen display. Intuitive screens are easy to use, and instant response means no delay after making your selection.

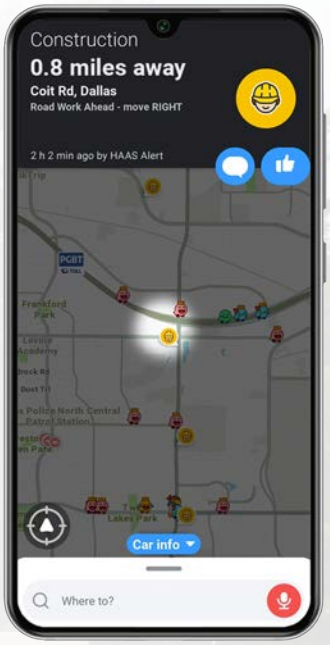
The pattern on the arrow board is displayed in a large animation on the main screen. Additional screens let you choose a display pattern and operate the power-tilt frame (if installed), view system health including voltage levels and alarms, and choose configuration options.

The controller "knows" the arrow board it is connected to, and shows you only the functions available for that board. Setup functions allow you to narrow some of those choices if desired, and a wired controller may be used concurrently.

SAFETY CLOUD®
POWERED BY HAAS ALERT

Improve work zone safety
Automatic real-time alerts to drivers

While the purpose and reliability of arrow boards have been constant for decades, they now do much more.



Connected arrow board alert on Waze

Wanco Connected Arrow Boards provide an added layer of protection to motorists by alerting them well in advance of approaching emergency service areas, work zones, and other potential safety hazards.

The effectiveness of traditional safety signs has always been limited by line-of-sight. Connected models collect and send data to the HAAS® Alert Safety Cloud®, which relays the information to drivers through their mobile navigation app or their vehicle's digital dashboard.

Wanco Fleet Manager gives you even more from your connected arrow board. Fleet Manager provides live and historical status information, such as activity, location and battery health, and the ability to change the arrow board display pattern. View the arrow board location and orientation on a detailed interactive map, and see the trailer stance (deployed, stowed, tipped over). You can also use Fleet Manager features such as schedules and groups to organize equipment and ensure devices are operating.



Connected arrow board on Fleet Manager

Wanco Connected Arrow Boards use wireless technology to enhance traffic safety, for both those who work on our roads, and those who navigate them.

For information or a demonstration, call **800.972.0755** or visit **wanco.com**.

LOCATION
- "On" operating status
- GPS location
- Compass bearing

DISPLAY
- Caution pattern
- Arrow pattern
- Arrow direction

STATUS
- Arrow board ID
- Trailer stance
- System health

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