Truck-Mounted Arrow Boards
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.
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.

Wanco vehicle-mount arrow boards come with a standard controller and a 15-foot length of cable, allowing the controller to be installed inside the vehicle cab. Custom lengths of cable are available upon request.

Wireless arrow boards feature an intuitive and easy-to-use touchscreen controller, which simplifies installation by eliminating the need to route the arrow board communications cable through the truck bulkhead.

Battery-powered arrow boards feature Wanco® ECO Technology, which reduces energy consumption and operates more efficiently.

**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-based 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

**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
- Customer-supplied mounting

**Control panel**
- 12 arrow patterns
- 7 arrow patterns
- 5 arrow patterns

**Touchscreen controller**
- For wireless arrow boards
Power-Tilt Frames

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.

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 a switch on the arrow-board control panel.

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.
**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.

<table>
<thead>
<tr>
<th>15-light</th>
<th>15-light</th>
<th>25-light</th>
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</thead>
<tbody>
<tr>
<td>5 patterns</td>
<td>7 patterns</td>
<td>12 patterns</td>
</tr>
</tbody>
</table>

- 48 x 96 in: WF88-LA, WF88-LSA, WF88-LSAC
- 36 x 72 in: WF6-LA, WF6-LSA, WF6-LSAC
- 30 x 60 in: WF5-LA, WF5-LSA, WF5-LSAC
- 24 x 48 in: WF4-LA (13-light, 5 patterns only)

**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.

<table>
<thead>
<tr>
<th>15-light</th>
<th>15-light</th>
<th>25-light</th>
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</thead>
<tbody>
<tr>
<td>5 patterns</td>
<td>7 patterns</td>
<td>12 patterns</td>
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</tbody>
</table>

- 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)

**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.

<table>
<thead>
<tr>
<th>15-light</th>
<th>15-light</th>
<th>25-light</th>
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</thead>
<tbody>
<tr>
<td>5 patterns</td>
<td>7 patterns</td>
<td>12 patterns</td>
</tr>
</tbody>
</table>

- 48 x 96 in: VWGB8-LA, VWGB8-LSA, VWGB8-LSAC
- 36 x 72 in: VWGB6-LA, VWGB6-LSA, VWGB6-LSAC
- 30 x 60 in: VWGB5-LA, VWGB5-LSA, VWGB5-LSAC
- 24 x 48 in: VWGB4-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**

<table>
<thead>
<tr>
<th>Board size, H x W</th>
<th>Lamp size</th>
<th>MUTCD type</th>
</tr>
</thead>
<tbody>
<tr>
<td>48 x 96 in.</td>
<td>PAR 46</td>
<td>C</td>
</tr>
<tr>
<td>36 x 72 in.</td>
<td>PAR 46</td>
<td>B</td>
</tr>
<tr>
<td>30 x 60 in.</td>
<td>PAR 36*</td>
<td>B</td>
</tr>
<tr>
<td>24 x 48 in.</td>
<td>PAR 36</td>
<td>A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Controller cable</th>
<th>Standard</th>
<th>Optional</th>
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<tbody>
<tr>
<td>Power supply</td>
<td>Standard</td>
<td>Optional</td>
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</tbody>
</table>

*PAR 46 available for 15-light models.*

**Additional Mounting Options**

- Controller cable: Standard, Optional
- Power supply: Standard, Optional
- 15 ft | 4.57 m Custom length available upon request
- Wireless
- Vehicle power, External batteries and solar-based charging

*Vanco® Truck-Mounted Arrow Boards 5*
Skid-Mounts

Full-size arrow boards (48 x 96) can be skid-mounted for installation a truck bed or on any rigid footing. 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 for long periods without an external power source. A choice of models provides flexibility for almost any installation.

Brief Specifications

<table>
<thead>
<tr>
<th>Skid-mount arrow boards</th>
<th>Standard</th>
<th>Low-profile</th>
<th>Rigid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame size, W x D</td>
<td>54 x 48 in.</td>
<td>54 x 48 in.</td>
<td>57 x 31 in.</td>
</tr>
<tr>
<td>Board size, H x W</td>
<td>48 x 96 in.</td>
<td>48 x 96 in.</td>
<td>48 x 96 in.</td>
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<tr>
<td>Operating height</td>
<td>120 in.</td>
<td>87 in.</td>
<td>77 in.</td>
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<tr>
<td>Traveling height</td>
<td>75 in.</td>
<td>44 in.</td>
<td>77 in.</td>
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<tr>
<td>Weight, approx.</td>
<td>540 lb</td>
<td>520 lb</td>
<td>320 lb</td>
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Skid-moment arrow boards feature W|ECO® Technology see back cover

Control panel, 12 arrow patterns

Control panel, 7 arrow patterns

Touchscreen controller for wireless arrow boards
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.

### Arrow-Shaped Signs

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

### Brief Specifications

<table>
<thead>
<tr>
<th>Arrow-shaped boards</th>
<th>50 x 29 in. 127 x 72 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable length</td>
<td>15 ft. 4.57 m</td>
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<tr>
<td>Power supply</td>
<td>Vehicle alternator</td>
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</table>

### Arrow Board Display Patterns

#### Flashing patterns

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#### Sequential patterns

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*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.
Maintenance-free batteries
66% less power consumption
80% less lead
Sealed batteries never leak or spill
Reduced charging time

W*ECO Technology

So energy efficient, it can run on 9 volts.

How does it work? W|ECO products use Wanco’s exclusive LED lights, which consume a fraction of the power of traditional LEDs. For example, a W|ECO arrow board will operate efficiently on a 9-volt battery for several hours.*

Imagine how well it works with W|ECO batteries.

W|ECO technology consumes less power and uses smaller batteries, resulting in greatly reduced lead content—80% less, when compared to traditional arrow board batteries.

Additionally, W|ECO batteries are fully sealed and will not leak or spill, which is better for the environment. And because they require no maintenance, they have a longer useful lifespan, saving costs associated with replacement.

With a decrease in power consumption, these batteries take less time to charge—5 to 6 hours instead of 24—which saves valuable resources and results in less downtime.

*According to internal testing. 9-volt battery not recommended for street use.