

# MOBILE WORK PLATFORM FOR TRAFFIC CONTROL



Made in the USA



INNOVATIVE ACCESS SOLUTIONS

## OPERATION & SAFETY MANUAL

# INTRODUCTION

Congratulations on purchasing **Innovative Access Solutions' Mobile Work Platform** for safe traffic control operations. IAS is a producer of quality, ergonomic aluminum ladders, platforms, and custom access solutions for safer access in a variety of industrial, commercial, and now traffic control settings.

The **MWP-TC** makes deploying and retrieving traffic control devices, like cones and drums, more efficient, quicker, and safer.



37"



46"

72"



# FEATURES

- **OSHA Compliant**
- **ANSI tested to 1,000 lbs. working load capacity.\***
- Made with lightweight aluminum with a steel underride support system.
- Comes with a standard 2" hitch receiver with 6" adjustable drop.
- Adjustable Hydraulic Welded Bottle Jacks with 24" leveling arms to minimize sway while in use.
- Aluminum or powder-coated finish available.
- Integrated rear towing receiver allows towing an arrow-panel trailer.
- Secondary towing receiver comes with three (3) powered wiring options – 4-pin, 5-pin, or 7-pin wiring harnesses.
- Aggressive slip resistant Grip Strut flooring.
- Warning, Work, and DOT lighting
- DOT reflective tape
- Center step for easy bed access.
- One year limited warranty against workmanship defects.\*\*

\* The **MWP-TC** has been load tested by an accredited university and meets a working load capacity of 1,000 lbs. The load capacity is consistent with the requirements of ANSI A92. However, the platform's full working load capacity can only be utilized when connected to a Class IV or higher rated hitch on most pick-up and work trucks.

\*\* Warranty period shall become effective upon delivery. Inspect unit for damages and ensure that all items are accounted for and in good working order. Notify Innovative Access Solutions as soon as possible for any defects or missing items.

## SPECIFICATIONS

**Overall Width:** 72 inches

**Overall Depth:** 37 inches

**Overall Height:** 46 inches

**Handrail Height:**  
(from Grip Strut Floor) 42 inches

**Swing Door Handrail Height:**  
(from Grip Strut Floor) 39 inches

**Weight:** 430 lbs.

**Maximum Weight Capacity:**  
up to 1,000 lbs. (using Class IV hitch)

**Platform Lights:**  
12VDC with 7-way utility connector\*

**Secondary Arrow Board Hitch:**  
with 4, 5, or 7-way connector

*\*12VDC power supply necessary for work lights and strobe lights.*

# SAFETY INSTRUCTIONS

**Before installing and using the MWP-TC, please read and understand all directions and safety notes in this manual.**

**WARNING** The **MWP-TC** is not a crashworthy device. It is highly recommended that a shadow vehicle with a truck-mounted attenuator follow behind at all times for additional worker safety. Refer to the guidelines of the MUTCD and your local area standards for additional safety information.

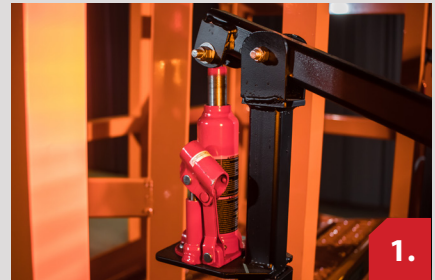
## UNPACKING & ASSEMBLY

Unwrap and remove all packing material and banding. See hardware box for necessary assembly hardware.

1. Attach adjustable hydraulic bottle jack leveling arms to steel uprights. Secure with included hardware: 3 1/8" - 3" Bolts, 3/8" Nylon Nuts, and 3/8" washers.
2. Jack assemblies (qty. 3) are packaged separately. Remove jacks from box and set aside. Lift unit with forklift and install jacks.

Once jacks are installed, adjust height to align with truck receiver.

Before each use and throughout the use of the **MWP-TC** check the tension of the leveling arms to ensure that they remain secure. Adjust the bottle jacks to add tension as necessary.



**NOTICE** Always have leveling arms secured in place **BEFORE** standing on or working from the unit to prevent excessive movement which can cause damage.

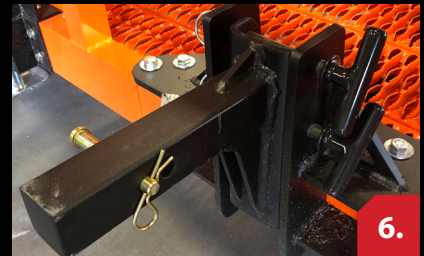
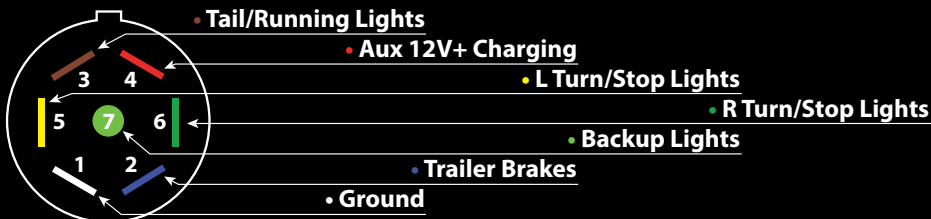
**CAUTION** Door must be latched and warning/strobe lights must be ON when **MWP-TC** is in use. Not for use at highway speeds.



# INSTALLATION AND REMOVAL

1. Ensure vehicle is in park with parking brake set. Tailgate must be removed before using the **MWP-TC**.
2. Level **MWP-TC** hitch insert height to match truck receiver height.
3. Back truck up to unit's adjustable hitch insert. A spotter may be useful for this.
4. Insert hitch bar into hitch receiver.
5. Insert hitch pin and secure with provided safety pin.
6. Secure the adjustable bottle jack supports using (2)  $\frac{5}{8}$ " T-handle pull pins. Secure with lynch pin.
7. Set **MWP-TC** to desired working height and secure with pins.
8. Secure the leveling arms on the truck bed using the left and right bottle jacks. Gradually increase pressure in small increments going back and forth between bottle jacks. Do not over apply pressure from the bottle jacks or damage to the unit may occur.
9. Connect 7-way utility connector to truck's electrical system and test all functions.

*View looking into truck connector*



# SWITCH BOX

## Premium 12V Switch Box Panel

(1) ON/OFF Rocker Switch with LED Light  
15 Amp Inline Fuse

**Dimensions:** 2"L x 2.2"H x 1.57"D



1. Work Lights
2. Strobe Power
3. Optional Connected Tech
4. Unassigned
5. Momentary Switch - Strobe Pattern



**NOTE** *Read your vehicle's user manual to become familiar with correct procedures before towing.*

*Refer to your state's local OSHA regulations, MUTCD (Manual on Uniform Traffic Control Devices), and FMCSA-396 documentation to ensure that you are following safe practices while using the IAS MWP-TC.*

## Questions?

Call **IAS** at

**1.800.388.6884**

# SERVICE & MAINTENANCE

1. Before utilizing the **MWP-TC**, inspect unit for defects and ensure that all components are in good working order.
2. On a regular monthly basis, grease jack cylinders, latches and catches, and add oil to hydraulic jacks as necessary.

*See hydraulic jacks instruction sheet for reference*

3. Before each use, inspect all points of attachments. Ensure unit is not damaged or has any defects. If defects are found, do not attempt to use unit. Call Innovative Access Solutions for support at 1-800-388-6884.

4. Before each use perform a function test to ensure lights, brake lights, and strobe lights are in good working order.

Store unit on level surface when not in use.



## PARTS LIST & ACCESSORIES

Item ID	Item Description
6500TTCDMWP6	6' TTCD MWP PC
6501-11 TTC Assy	TTCD MWP Door
6501-58 Latch	TTC Slam Latch
6501-59 Striker Plat	TTC Striker Plate
6501-14	7-way plug TTCMWP Female
6501-17	TTC 7 Way Male
6501-18	4" Work Lights Pair
6501-21	2-Ton Bottle Jack
6501-23	LED Strobe Lights
6501-26	12V Switch Box Panel
6501-42-6ft Assy	TTCD 6' Steel Upright
6501-55 ALUM RD Tube	ALUM RND TUBE 2"OD X 1/4"W X 2
6501-52	TTC T-Handle Clevis Pin
6501-53	TTC Linch Pin
6501-54	TTC Bent-Pull Clevis Pin
6501-15	GloLight LED Trailer Tail L
81378 Class II Recei	TTCDMWP Traffic Side Receiver
45910 Adj Trailer Hi	TTCDMWP Trailer Hitch
PS1401060303	HD Jack Assembly
<b>Optional Equipment</b>	
CTD-WT-011	Connected Technology



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*For assistance or parts replacement,*

Call **IAS** at **1.800.388.6884** or **sales@iascustom.com**

**WWW.IASCUSTOM.COM**

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