



Imported by:
STEPHANIE MCNEIL CORPORATION

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info@studiotitanamerica.com
studiotitanamerica.com

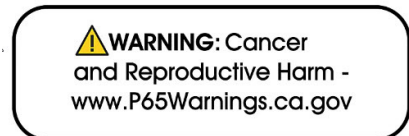
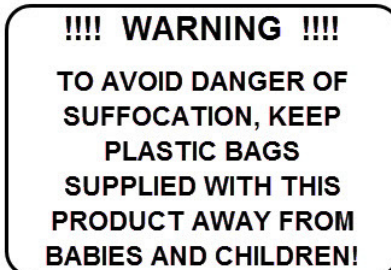
Made in: South Korea



CAUTION: Use leather work gloves and safety glasses when handling the box, when opening the box and when assembling the product.

HAZARD: Strapping is under tension and can jump when cut. Strapping and Buckles, Protective Edging, Plastic Walls, Plastic Caps and Product Components and parts should be handled with care. Work slowly, use extra caution to avoid any sharp edges.

Additional Tools may be Required: The essential tools are included. The following tools are recommended to be on site: Box Cutter, Scissors, Screw Driver, Pliers or Adjustable wrench, Metric Hex / Allen Key set





Transit Damage:

The container leaves our facility in perfect condition.

Follow the container opening procedure.

Carefully inspect the stand.

If any damage occurred during transportation please contact us by email with images of the part that is affected. We will make arrangements to provide you with a replacement part to restore your stand to new condition.

Send images to: info@studiotitanamerica.com



Product Identification:



Product Nameplate / Label is located on the vertical column assembly.

The label information is indicated below:

STUDIO TITAN AMERICA

No.[Model Number] - [Manufacture Date]

Imported by / Importe par


STEPHANIE MCNEIL CORPORATION

250 Augusta Ave, Suite 204

Toronto, ON M5T 2L7 CANADA

Manufactured in / Fabrique en

SOUTH KOREA

 **WARNING:** Cancer
and Reproductive Harm -
www.P65Warnings.ca.gov

Label examples are indicated below:

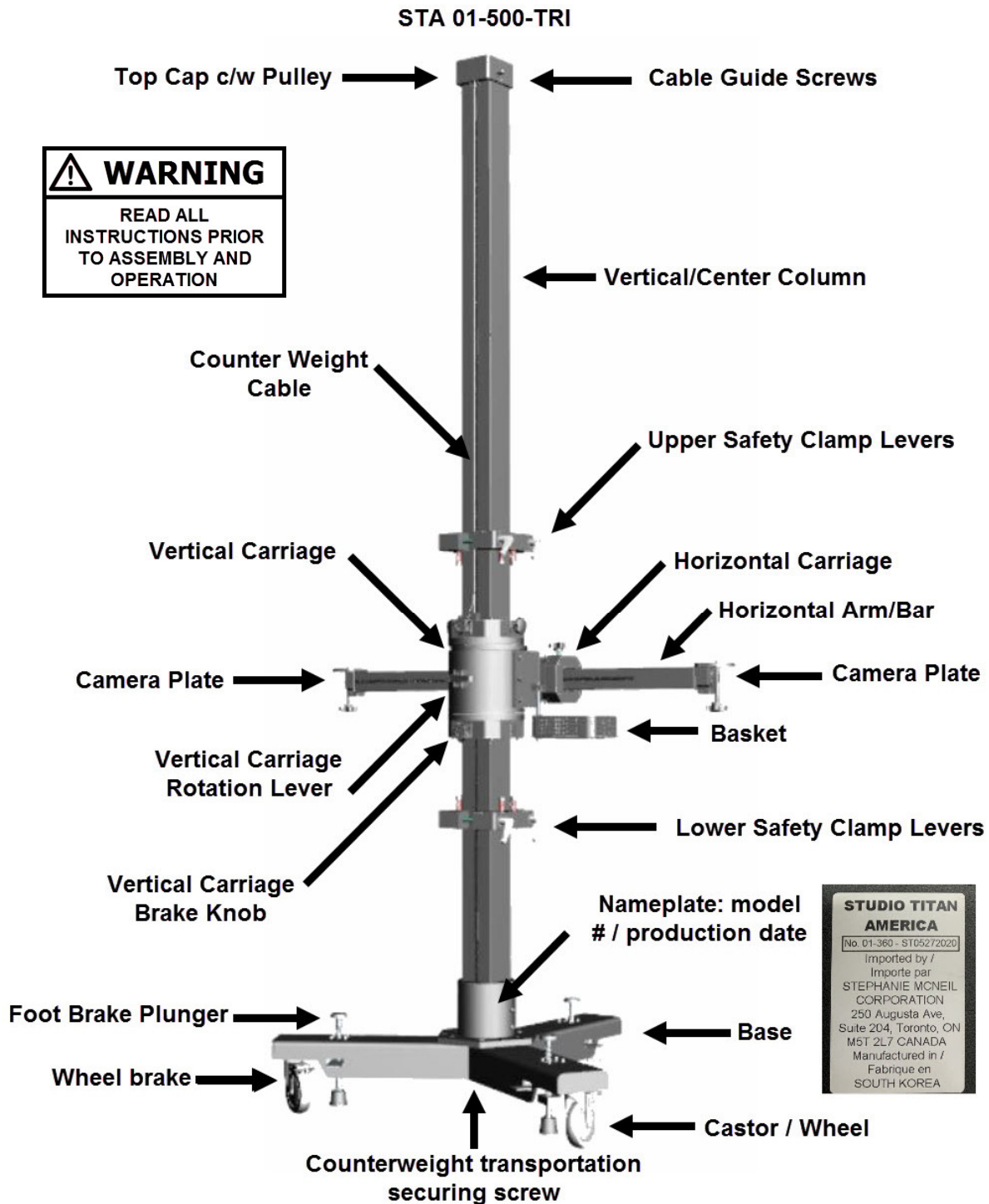


Intended use:

This product is intended for use by commercial photographers and technicians in a studio or plant environment with a high ceiling. The wheels are designed to be used indoors on a floor that is smooth, hard, flat and unobstructed. This Stand with internal counterweight is designed to be used at all times with a load (imaging system). **CAUTION:** This product is not recommended for use in an environment with a low ceiling or carpeted floors. Carpeting or pitted surfaces are not recommended because of the increased rolling resistance which can cause the stand to tip over. If the surface is not ideal, the stand must be moved with **CAUTION**, very slowly, using both hands one at the top and the other at the bottom to steady the stand in order to prevent the stand from tipping over. If the surface is not ideal, lower the load to waist level before moving the stand. We also recommend the use of a sandbag or weight attached at the base when conditions are not ideal to prevent tipping over. Ultimately it's the users responsibility to understand how the stand operates and to use the stand within its specification limits, as intended to insure their own safety and the safety of their equipment. It is also recommended to use a short tether cable to secure the camera to the stand in the event that the head, head plate, attachment stud or camera adapter plate comes loose or fails. Some assembly is required, we recommend using an assistant during the initial product assembly. Please read all documentation prior to assembly.

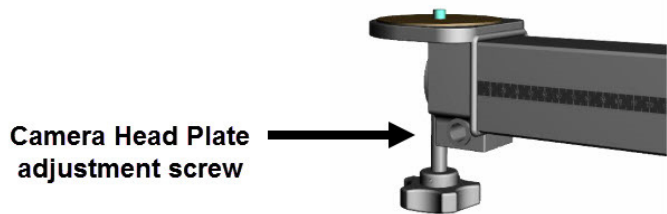
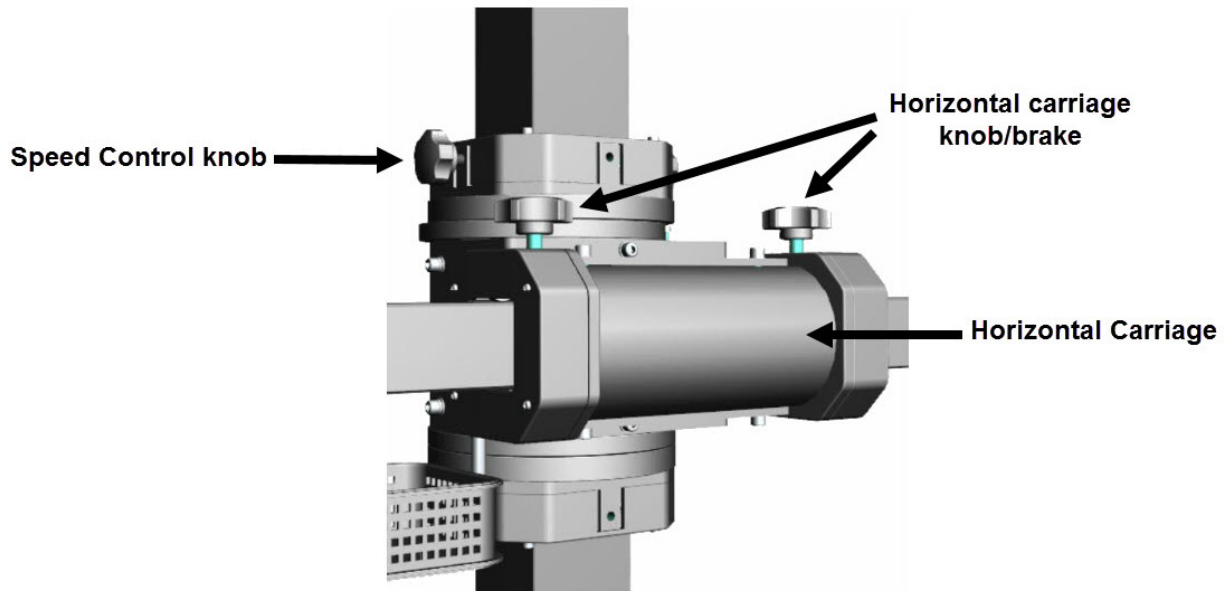
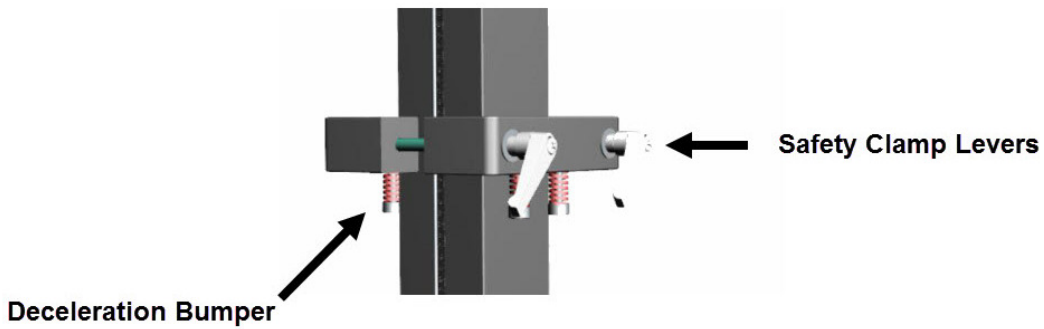


Component Identification: STA 01-500-TRI



STUDIO TITAN AMERICA
 No. 01-360 - ST05272020
 Imported by /
 Importe par
 STEPHANIE MCNEIL CORPORATION
 250 Augusta Ave,
 Suite 204, Toronto, ON
 M5T 2L7 CANADA
 Manufactured in /
 Fabrique en
 SOUTH KOREA

Component Identification: STA 01-500-TRI



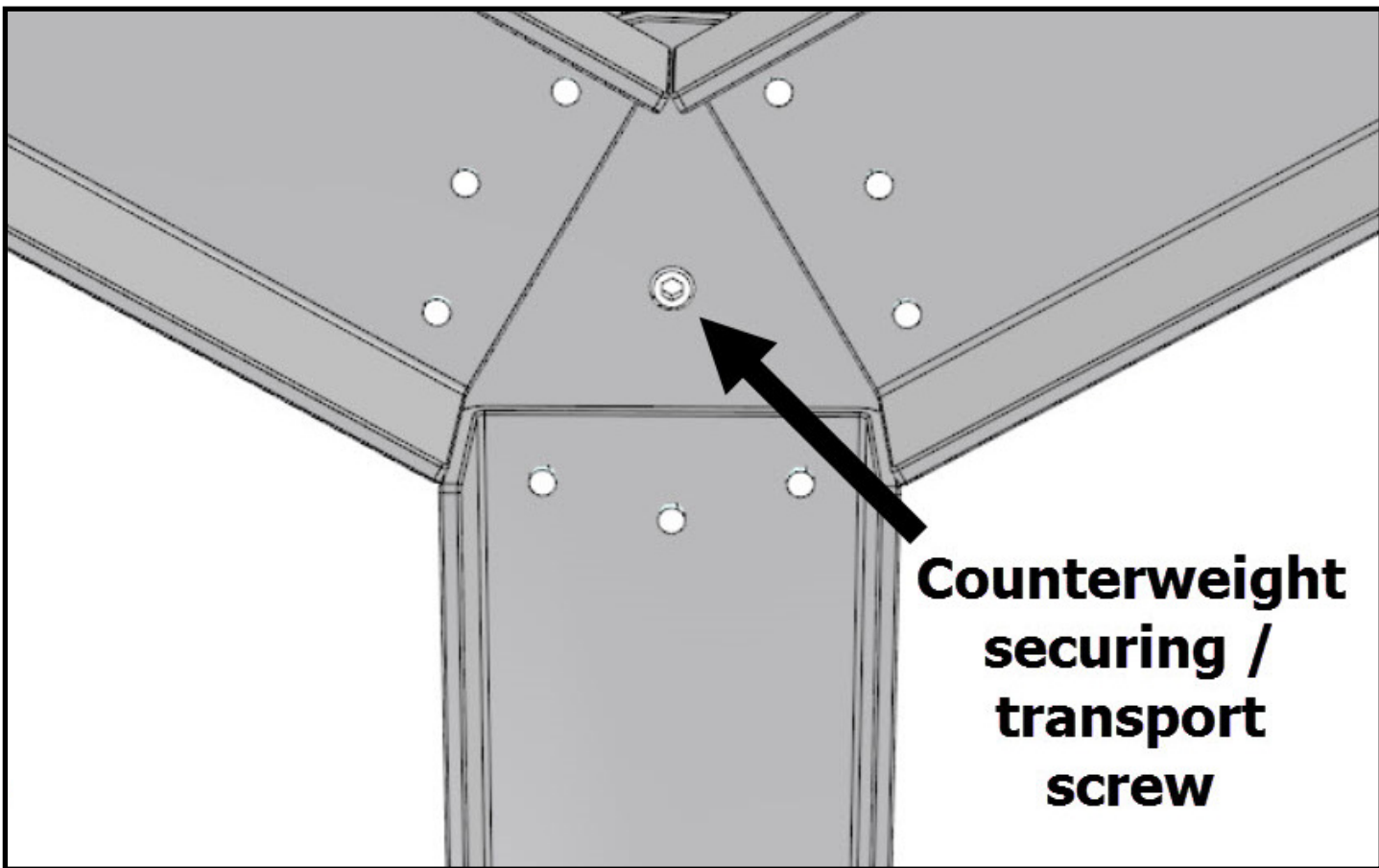
⚠ WARNING
READ ALL
INSTRUCTIONS PRIOR
TO ASSEMBLY AND
OPERATION

Assembly Diagrams:

!!! CAUTION !!!

REMOVE THE COUNTERWEIGHT TRANSPORTATION SECURING SCREW WHEN ASSEMBLY IS COMPLETE.

THE IMAGE BELOW SHOWS THE BOTTOM VIEW OF THE CAMERA STAND LOOKING INTO THE BOTTOM OF THE VERTICAL COLUMN. THE ARROW POINTS TO THE COUNTERWEIGHT TRANSPORTATION SECURING SCREW.



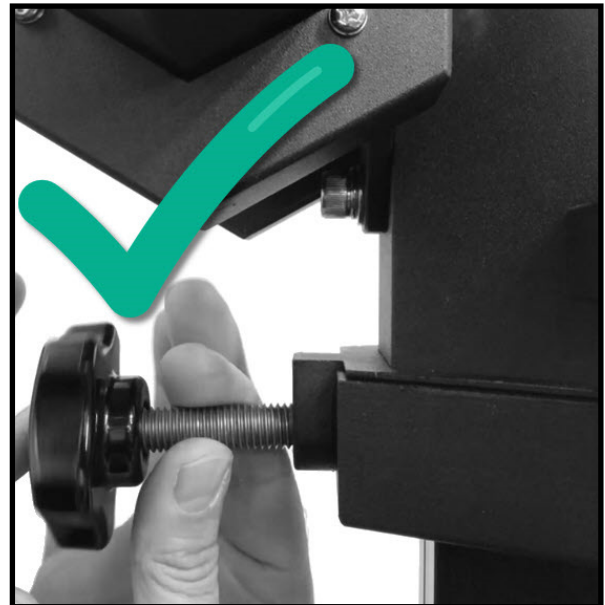
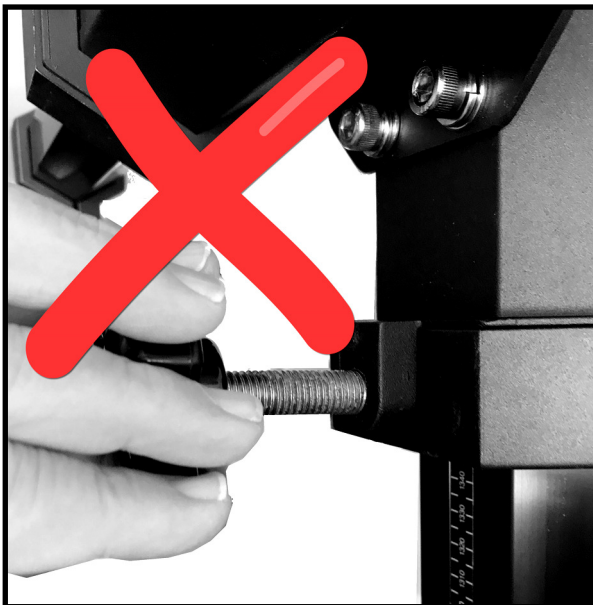
! CAUTION ! Cross Threading Components:

Cross-threading components during assembly is not covered under warranty.

Cross-threading is a term that describes damage that is caused when a misaligned screw or knob thread is forced into a threaded hole. When this occurs, threads are damaged and are no longer capable of proper operation. The remedy is replacement or repair of the damaged component/s.

AVOID cross-threading of mounting screws and knobs during assembly using this easy to follow procedure:

While standing in front of and looking into the threaded hole. Place the screw or knob thread against the threaded hole. Using one hand, hold the thread between your fingers. With the other hand hold the hex key like a pencil or place your index finger in the center of the knob. Align the screw or knob with the hole as indicated in the picture with the checkmark below. Slowly turn it counter-clockwise or left, several turns, until you hear a click or feel the start of the thread. Then proceed slowly, turning clockwise or right, gently using only finger force to tighten the screw or knob. If you feel increased resistance, the threads are not aligned, remove and start procedure from the beginning again.



Assembly Steps:



1. Wearing gloves and together with your Assistant.....Remove and Lay the Vertical/Center Column flat on the floor. Under the Base, Visually inspect and Confirm that the Counterweight transport securing SCREW is present which secures the counterweight during transportation. Do NOT remove the Counterweight transport securing SCREW until advised later. Confirm the bolt is present and proceed to step 2 with assembly. If NOT, then:

If Counterweight transport securing SCREW is NOT present, the counter weight is loose and can move inside the column. Do not stand the column vertically. Stop the SET-UP and Contact us. Please email or call:

info@studiotitanamerica.com with the best phone number to reach you. We normally respond within 24hrs, during weekdays.



Assembly Steps:



WARNING

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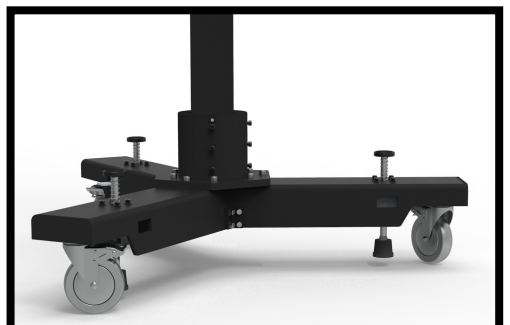
2. Attach the three Leg Assemblies to the base. [See Diagram: A] Three fasteners are supplied attached to each Leg Assembly. Use the supplied Hex Key tool to tighten the nine fasteners by hand. Attach the vibration reduction brackets to the legs using the Hex key tool and four fasteners lock washers & washers.

3. Wearing Gloves, remove the counterweight transportation securing SCREW [See Component Identification STA 01-500-TRI Diagram]

4. Locate and identify the counterweight cable. [See Component Identification STA 01-500-TRI Diagram

!!!CAUTION!!! AVOID CONTACT WITH THE COUNTERWEIGHT CABLE AT ALL TIMES. CAUTION MUST BE USED TO AVOID PINCHING YOUR FINGER DURING SET-UP AND NORMAL OPERATION. The counterweight cable may become frayed during transportation or normal use. When frayed, stop using the stand and immediately replace the cable. Cable strands that separate may become sharp.

Diagram: A



Assembly Steps:

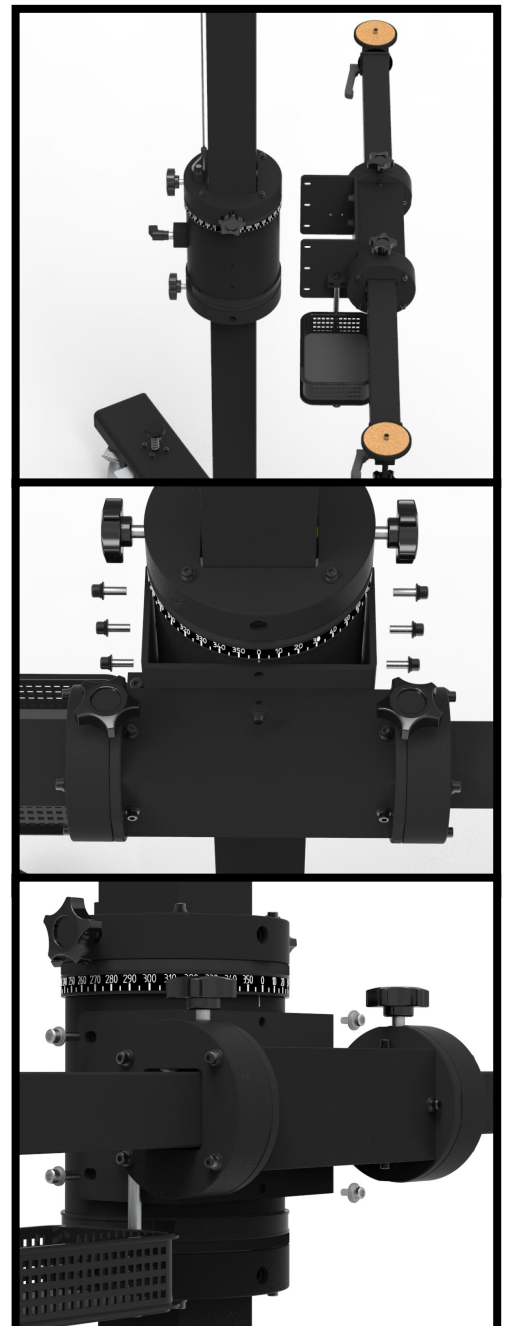


WARNING

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5. Locate the M8 Hex Wrench. Refer to section "Cross Threading Components." Remove the eight M8 x 20 screws from the Vertical carriage. Two M8 screws from the front and three from each side. [Diagram's: B indicates the screw locations] Locate the Horizontal Arm/Bar Carriage Assembly. [See Component Identification STA 01-500-TRI Diagram] Together with your assistant. Have your assistant hold the Horizontal Arm/Bar Carriage Assembly in place while you fasten it with the M8 x 20 screws. Note the order. [screw, spring washer and then flat washer] Hand tightening with the Hex Wrench is recommended. If you have a torque wrench tighten the M8 screws to 45Nm or 33 lb/ft. not more.

Diagram: B



Assembly Steps:



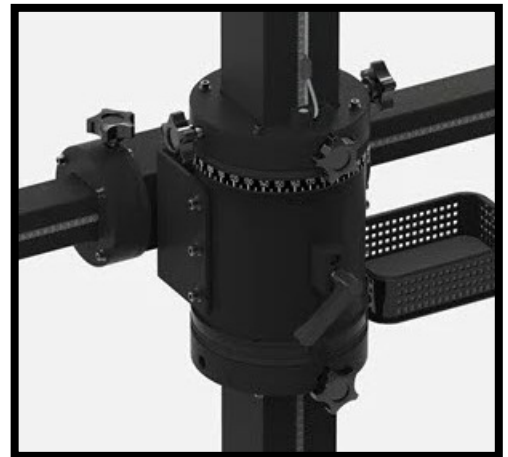
WARNING

READ ALL
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6. Locate the M6 Hex Wrench. Refer to section “Cross Threading Components.” Locate the loose Vertical / Brake Knob. Find the Location of the Vertical Carriage / Brake Knob Transportation Set Screw. With the M6 Hex Wrench FIRST Remove the transportation set screw and THEN replace with Vertical Carriage / Brake Knob. Turn the Vertical Carriage / Brake Knob fully Clock Wise to secure the vertical carriage in the upper most or “parking position.” Locate the Rotational Brake Lever. Find the Location of the Rotational Brake Lever Transportation Set Screw. With the M6 Hex Wrench FIRST Remove the transportation set screw and THEN replace with Rotational Brake Lever.

7. Locate two M8 Hex wrenches. Locate the Basket. Locate the Basket Shaft. [See Component Identification STA 01-350– TRI Diagram] With the first M8 hex key hold the M8 screw at the top of the Basket shaft. With the second M8 hex key loosen the M8 screw at the bottom of the Basket shaft. Attach the Basket to the Basket Shaft. Note the order of fastener connection: [Screw, Flat washer, Basket Plate, Flat Washer].

Diagram: C



Assembly Steps:



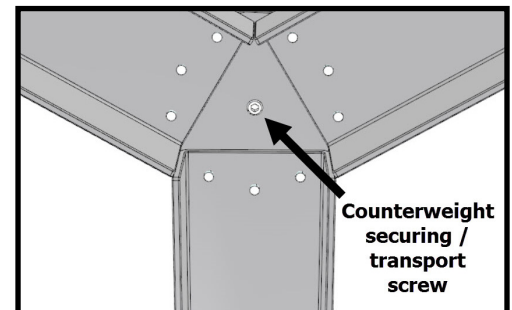
8. Remove the counterweight transportation securing SCREW [See Component Identification STA 01-500-TRI Diagram]

9. Locate and identify the counterweight cable. [See Component Identification STA 01-500-TRI Diagram]

!!!CAUTION!!! AVOID CONTACT WITH THE COUNTERWEIGHT CABLE AT ALL TIMES. CAUTION MUST BE USED TO AVOID PINCHING YOUR FINGER DURING SET-UP AND NORMAL OPERATION. The counterweight cable may become frayed during transportation or normal use. When frayed, stop using the stand and immediately replace the cable. Cable strands that separate may become sharp.

10. CAUTION: [Only with the Horizontal Arm/Bar in the upper most position.] Slowly release the Vertical Carriage Brake Knob by turning it Counter Clock Wise. This will release the vertical carriage allowing it to travel freely up and down the Vertical Center Column. Confirm that the Vertical Carriage is free to move in both directions while using both hands to hold the Horizontal Arm/Bar. Turn the Vertical Carriage Knob/brake fully Clock Wise to secure the vertical carriage.

Diagram: D



Assembly Steps:



WARNING

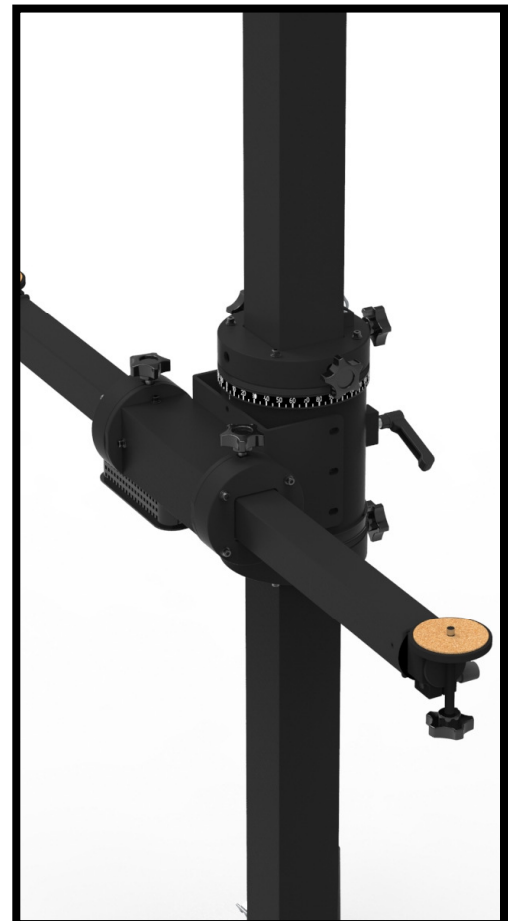
READ ALL
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11. Locate the Two Horizontal Carriage Knob/ Brakes. [See Component Identification STA 01-350R Diagram] Turn the Horizontal Carriage Knob/ Brake Counter Clockwise to release and confirm that the Horizontal Arm / Bar is free to move left and right.

STOP SET-UP— Read below— If anything seems unusual or if the vertical carriage is not moving freely up or down. Stop Set-up email or call info@studiotitanamerica.com for assistance.

GO TO STEP 12

Diagram: E



Use & Maintenance Steps:



12. HAZARD: Stop and take a moment to understand the effect of the counterweight. HAZARD: The counterweight forces the vertical column to travel towards the top of the Studio Stand. Without a load [Camera, laptop, etc.] on the horizontal Arm/Bar it travels towards the top of the stand. HAZARD: Use the stand with a load [Camera, laptop, etc.]. Always securely "Park" the Vertical Carriage by Turning the Vertical Carriage Knob/brake fully Clock Wise before and after re-positioning or before the stand is unloaded [removing Camera, laptop, etc.].

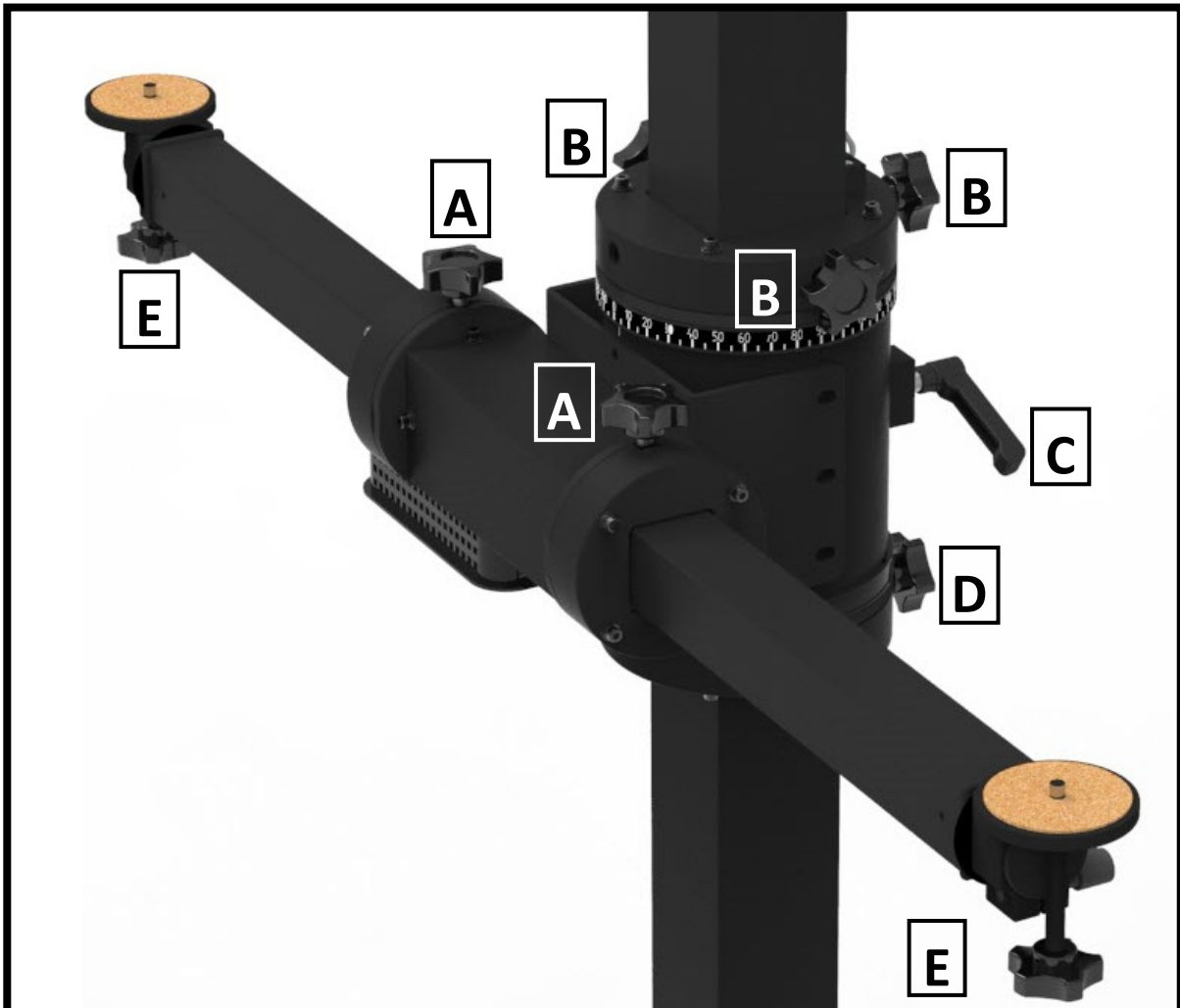
13. HAZARD: Work in such a way so your always standing behind or in front of the stand. Keep clear of the Horizontal Arm/Bar and accessories. Take extra notice of your body position when you are releasing the Vertical Carriage Knob/brake. With your free hand apply a downward force to the Horizontal Arm/Bar Simultaneously as you release the Vertical Carriage Knob/brake.

14. Storage: When not in use, store with Vertical Carriage in the upper most "Parking Position". Review this manual with all Studio personnel prior to operating the Studio Stand.

15. Re-tighten all fasteners AGAIN. Re-tighten fasteners after the first shoot. Tighten yearly.



Functionality: Knobs & Levers:



A - Horizontal carriage brake knobs. Loosen brake knobs counter clockwise to move horizontal arm left or right. Tighten brake knobs clockwise to lock horizontal arm in position.

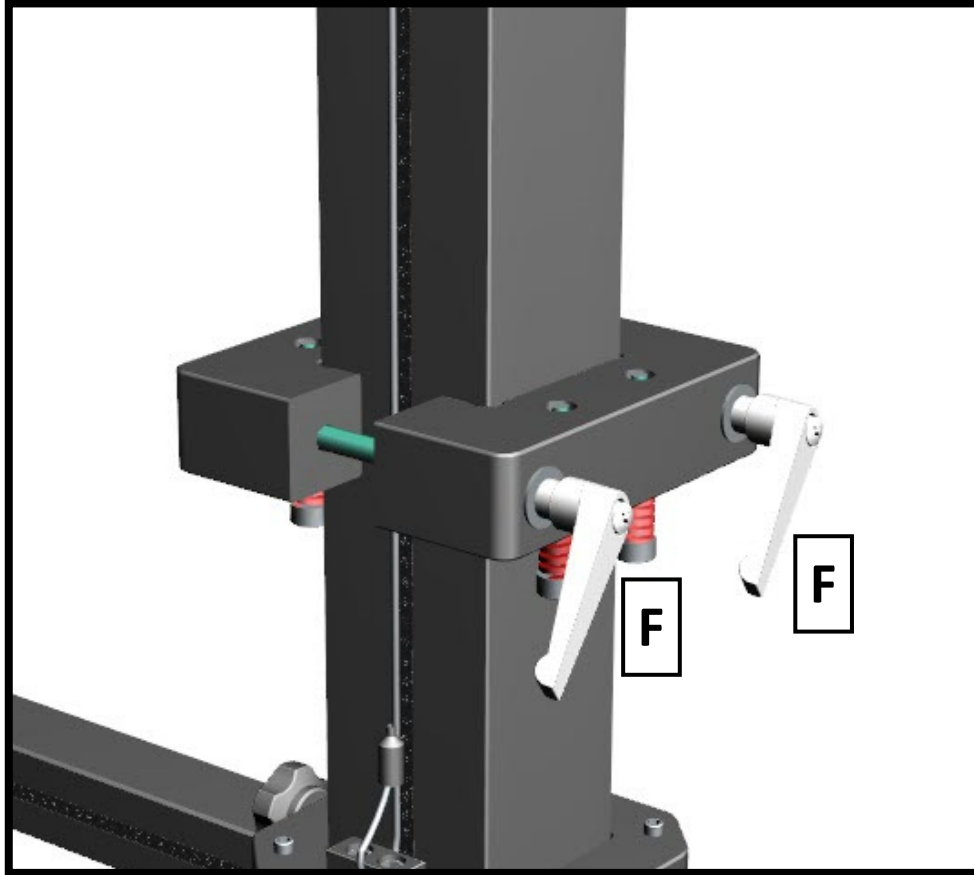
B - Vertical carriage Speed friction knobs. Loosen knobs counter clockwise to decrease friction. Tighten knobs clockwise to increase friction. This allows the user to adjust friction pads to dampen or slow the rate of movement .

C - Rotary carriage lever. Loosen lever counter clockwise to rotate horizontal arm around the vertical column. Tighten lever clockwise to prevent rotation.

D - Vertical carriage brake knob. Loosen brake knob counter clockwise to move vertical carriage up or down. Tighten brake knob clockwise to lock vertical carriage in position.

E - Head Mount Plate securing knob. Tighten knob clockwise to secure camera head to head mount plate. Head mount levers are present but not indicated. Loosen lever counter clockwise to Rotate head mount plate 360 degrees around the horizontal arm. Rotate lever clockwise to lock head mount plate.

Functionality: Knobs & Levers:



F - Travel Stop Levers. Loosen levers counter clockwise to move travel stop up and down the vertical column. Tighten Levers clockwise to lock travel stop into position horizontal arm in position. The user adjustable upper and lower travel stops with deceleration bumpers provides a user adjustable range of motion.



Theory of Operation:

A studio stand is used by professional and commercial photographers to capture images accurately with repeatability. It provides a rigid and stable platform essential for High Resolution Sensors used in DSLR, Medium Format and Large Format cameras and imaging systems. A studio stand reduces vibrations that are present when shooting hand held. Reduced vibration increases image sharpness. It enables the photographer to focus on subject matter and image composition instead of hand holding the camera. It provides creative shooting options using heights and angles that are unachievable when hand holding a camera. It provides the foundation stone that enables the photographer to develop their own technical workflow. As the workflow evolves to include advanced imaging practices, the results can be seen as sharper images.

With an adjustable camera head the user can accurately set up the camera to maintain camera to subject flatness of field in both the vertical and horizontal planes of travel. The flatness of field is maintained as the user moves the stand both vertically and horizontally eliminating perspective distortion.

Shooting tethered with the optional laptop shelf, reduces floor cabling and allows the photographer to immediately confirm both focus and lighting.

A Studio Stand reduces user fatigue. The internal counter balance offsets the weight of the camera and computer. Allowing the user to easily move the camera and computer up and down and left and right using only one hand. This promotes good body ergonomics which can prevent tennis elbow.



Tip Over Hazard:

Caution must be used when moving the stand to prevent tip over. Move the stand slowly and avoid uneven surfaces as well as low and high level objects. Additional caution must be used when the Horizontal arm with load (Camera or Laptop Shelf) is used in the upper area above the mid-point of the stand.



Counterweight Hazard:

The Horizontal Arm/Bar is connected to a counterweight located inside the Vertical Center/Column. Caution must be used at all times when using the Horizontal Arm/Bar. The Vertical Carriage Knob/Brake must always be tightened to lock the Horizontal Arm/Bar in place. Without a load on the Horizontal Arm/Bar it can accelerate upwards quickly. When releasing the Vertical Carriage Knob/Brake stand clear of the arms path of movement, firmly hold the Horizontal Arm/Bar applying pressure downwards. Stand back to avoid contact with the Horizontal Arm/Bar when unloaded. Do not remove the load when the Vertical Carriage Knob/Brake knob is released or turned CCW. Unless repositioning the Vertical Center/Column intentionally the Vertical Carriage Knob/Brake must be fully engaged (turned fully clockwise). Store with Vertical Carriage either in the upper most "Parking Position" with the load removed or store the Studio Stand with a weight or sandbag on the Horizontal Arm/Bar.



STA 01-500-TRI Specification & Directions for Materials Recycling

- **Total Height** : 200cm / 78.7 in
- **Working Height Maximum** : 140cm / 55 in (approx. measured from Camera Plate to floor)
- **Working Height Minimum** : 80cm / 31 in (approx. measured from Camera Plate to floor)
- **Working Width Horizontal** : 50.8 cm / 20.0 in (approx. center of Column to center of Camera plate)
- **Horizontal Arm Width** : 85cm / 33.46 in
- **Weight** : 173kg / 380lbs
- **Wheel Diam.** : 12.7cm/ 5.0 in
- **Base Diameter** : 110cm / 43.30 in
- **Recommended Max load capacity** : 36kg (80lbs)
- **Recommended USER load weight:** 31kg (68lbs)
- **Counterweight Mass** : 40kg (88lbs)
- **TRI feature 1** : Upper & Lower adjustable safety clamps
- **TRI feature 2** : Adjustable vertical carriage friction speed control function
- **Camera Plate Hardware:** 3/8th inch - 16 thread
- **Includes two Camera Head Mount Plates and Basket as shown**

Material composition:

The Vertical and Horizontal columns are made of aluminum. Counter weight is S20C steel.

The nuts and bolts are made of steel. The casters are polyurethane. This product does not contain lead.

STUDIO TITAN RESERVES THE RIGHT TO MAKE PRODUCT CHANGES AND PRODUCT ENHANCEMENTS. PRODUCTS SUPPLIED MAY NOT BE DELIVERED EXACTLY AS ADVERTISED OR SHOWN ON THE WEBSITE OR IN THE MANUAL.

• The shipping container is made of wood and it is recyclable.

• Plastic bags are made of LDPE (Low-Density Polyethylene) – Recyclable plastic (check Local Authority) LDPE can be recycled. However, check with your Local Authority to ensure it is recycled in your area. This is described as a hard flexible plastic.

• The Corrugated cardboard box can be recycled at depots, in municipal curbside collection programs and through private recyclers.

STA 01-500-TRI-3000 Specification & Directions for Materials Recycling

- **Total Height** : 300cm / 118 in
- **Working Height Maximum** : 280cm / 110 in (approx. measured from Camera Plate to floor)
- **Working Height Minimum** : 80cm / 31 in (approx. measured from Camera Plate to floor)
- **Working Width Horizontal** : 50.8 cm / 20.0 in (approx. center of Column to center of Camera plate)
- **Horizontal Arm Width** : 85cm / 33.46 in
- **Weight** : 177kg / 390lbs
- **Wheel Diam.** : 12.7cm/ 5.0 in
- **Base Diameter** : 110cm / 43.30 in
- **Recommended Max load capacity** : 36kg (80lbs)
- **Recommended USER load weight:** 31kg (68lbs)
- **Counterweight Mass** : 40kg (88lbs)
- **TRI feature 1** : Upper & Lower adjustable safety clamps
- **TRI feature 2** : Adjustable vertical carriage friction speed control function
- **Camera Plate Hardware:** 3/8th inch - 16 thread
- **Includes two Camera Head Mount Plates and Basket as shown**

Material composition:

The Vertical and Horizontal columns are made of aluminum. Counter weight is S20C steel.

The nuts and bolts are made of steel. The casters are polyurethane. This product does not contain lead.

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- The shipping container is made of wood and it is recyclable.

- Plastic bags are made of LDPE (Low-Density Polyethylene) – Recyclable plastic (check Local Authority) LDPE can be recycled. However, check with your Local Authority to ensure it is recycled in your area. This is described as a hard flexible plastic.

- The Corrugated cardboard box can be recycled at depots, in municipal curbside collection programs and through private recyclers.