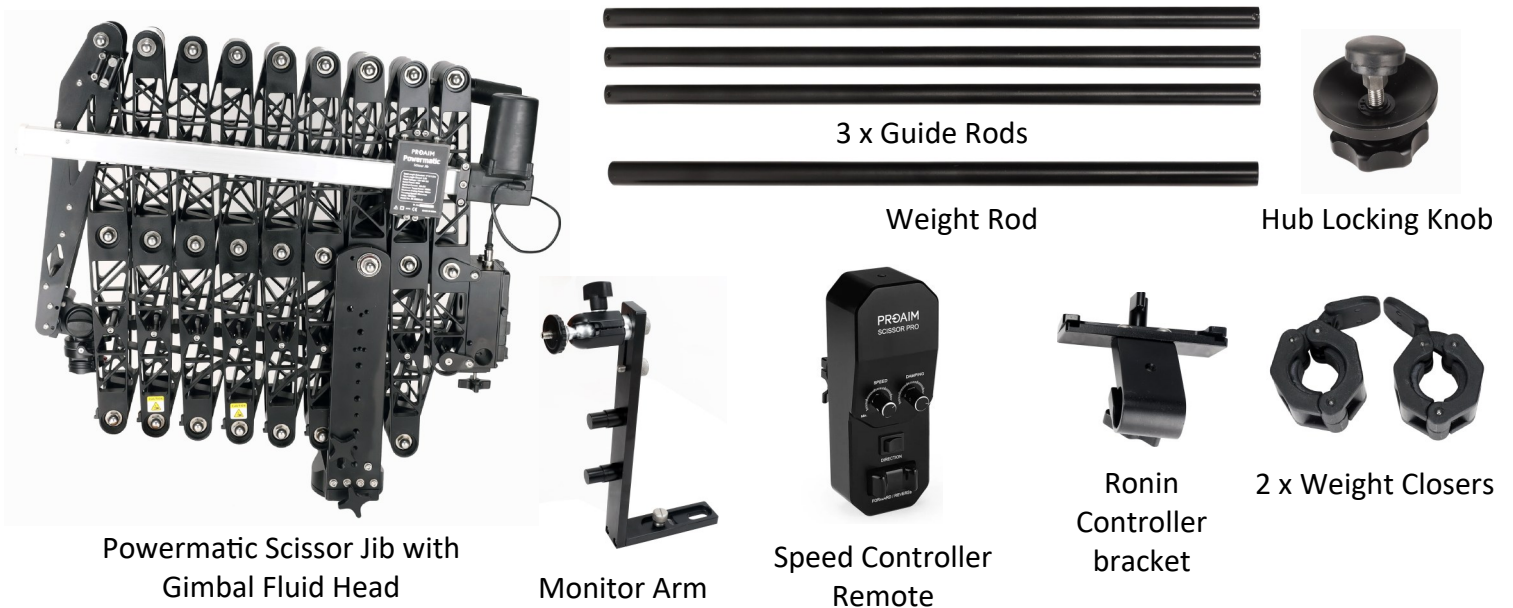


Assembly Manual



**What's In The Box**

Please inspect the contents of your shipped package to ensure you have received everything that is listed below.



Powermatic Scissor Jib with  
 Gimbal Fluid Head

Monitor Arm

Speed Controller  
 Remote

Ronin  
 Controller  
 bracket

2 x Weight Closers

3 x Guide Rods

Weight Rod

Hub Locking Knob

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15V AC Adapter

Female to Female Connector



BNC Wire



HDMI Male to Male Wire



2 x Fuse



Female to Female Connector



Controller Box with Battery plate



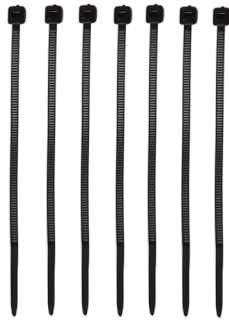
3 x T-Type Allen Keys (2.5mm, 3mm & 4mm)



3/16" Allen Key



18mm Wrench



cable Tie



Flight Case



## Safety Hints

**ATTENTION: PLEASE READ THIS BEFORE USING THE CRANE TO PREVENT DAMAGE!**

**Assembly Caution:**

Be attentive when assembling the Dolly, Tripod, and Crane to prevent equipment damage. Avoid assembling under the influence of alcohol or drugs.

**Watch Your Hands:**

Operate cautiously to avoid pinching hands or fingers between arms. Ensure secure connection of all Crane sections.

**Stability Check:**

Operate the Crane only on a leveled, stable surface. Connect steel cables for stabilization without hindering Crane movements.

**Weather Awareness:**

Exercise caution when operating in bad weather. To prevent damage, protect the pan-tilt/gimbal head and control bar from rain.

**Safety Precautions:**

Avoid operation near high-voltage power cables. Keep the Crane's surroundings clear and establish the correct weight balance before telescoping.

**Battery Maintenance:**

Monitor battery levels to prevent functional issues. Fold the Crane for longer transfers and use locking pins for stability when adjusting height.

**Technical Support:**

If you need further assistance or have questions, contact our sales representative for online technical support. Operating the Crane safely ensures better shots and smooth operation.

FOLLOWING THESE GUIDELINES WILL PROVIDE BETTER SHOTS AND TROUBLE-FREE OPERATION.  
IF YOU NEED ADDITIONAL INFORMATION, YOU CAN AVAIL TECHNICAL ASSISTANCE 'ONLINE' BY CONTACTING OUR SALES REPRESENTATIVE.

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## Powermatic Scissor Pro Camera Jib Crane Setup

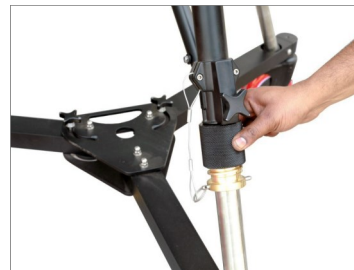
- Insert the bolt into the hub mounting hole of the Scissor Crane.
- Now, secure the bolt using a 18mm wrench.



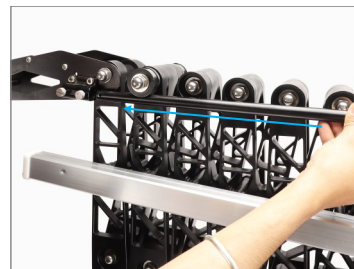
- Place the Scissor Jib with the Hub Mounting on top of the Jib Stand.
- Insert the Locking knob on the bottom of the Hub Mounting and tighten it.



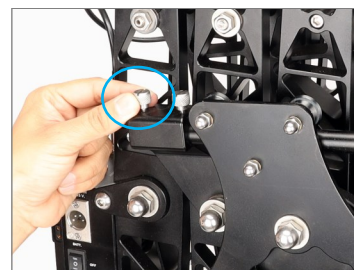
**FEATURE:** You can check the leveling of the Scissor Jib using the Bubble Leveler after which the stand's height can be adjusted to keep your Jib levelled.



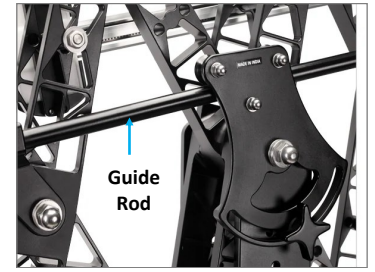
- Loosen the bolt of the Gimbal bracket and open it.
- Then, insert the two guide rods on either side of the Crane.
- After inserting the two guide rods, tighten the bolts to secure them.



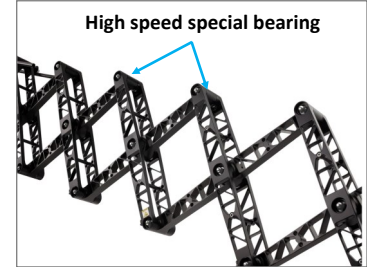
- Insert the cable guide rod into the boom lock bracket and secure the rod by tightening the bolt.



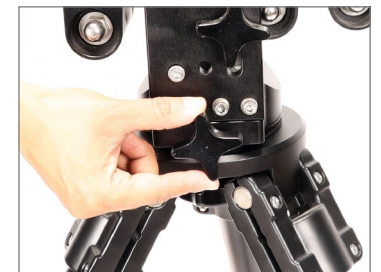
**FEATURE:** Pan Lock enables locking the jib's pan movement for achieving high/low angle shots. And, Tilt Lock allows you to fix the jib's tilt angle to get linear tracking shots.



**NOTE:** While using the jib at an extremely high angle, the rear part of Gimbal will touch Gimbal Bracket. Therefore, adjust the angle of Gimbal Bracket by loosening the bolt of Guide Rod Mount.

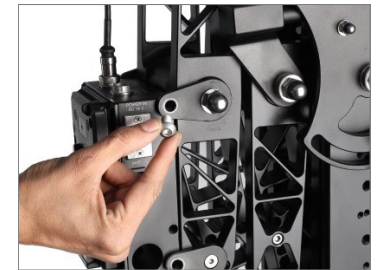


**FEATURE:** You can rotate the Scissor Crane 360° by loosening the knob.

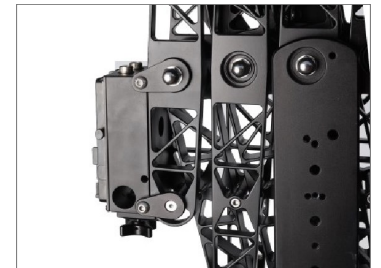


## Controller Box Mounting

- Attach the Controller Box to the Scissor Jib.
- Then insert the Allen bolt into the Controller box.

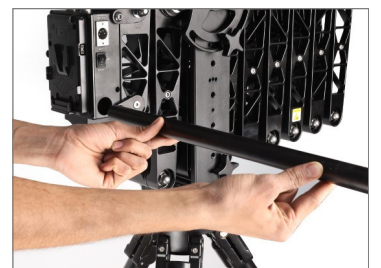


- After inserting Allen Bolt , secure it using the Allen key.
- Similarly, secure all the bolts using the same process as above.



## Weight Rod Mounting

- Loosen the flower knob of the Controller box, and then insert the weight rod.



- After positioning the weight rod centrally, re-tighten it using the flower knob.



## Speed Controller Remote Mounting

- Loosen the ratchet knob (red) of the Speed Controller Remote and then slide the Speed Controller Remote Clamp according to your requirement.
- After setting the position of the clamp, re-tighten the knob to secure it.



### Speed controller

The speed dial, as the name suggests, lets you control the speed intensity of the jib movements.

### Damping Adjustment

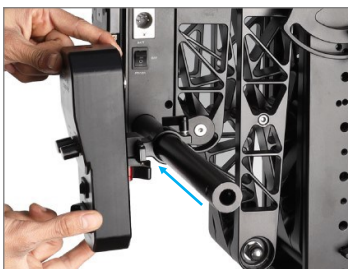
The damping adjustment dial lets you control the level of damping and facilitate smooth, stabilized movements as the jib expands & retracts.



- Loosen the ratchet knob (Black) of the Speed Controller Remote.

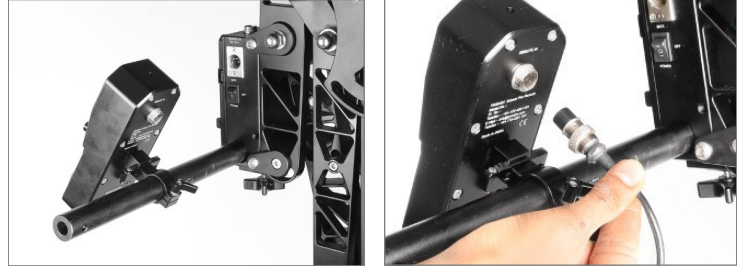


- Insert the Speed Controller Remote by sliding it into the weight rod (Not Included), and then properly tighten it using the provided knob.



## Wires Attaching

- After attaching the Speed Controller Remote to the weight rod affix the pin of a spiral cable to the Speed Controller Remote.



- Tighten the pin of the spiral cable.



- Connect the speed Controller cable to the 6-pin (Remote Out) of the Battery Plate.



- Connect the Motor Driver Cable to the 3-pin (Motor Out) of the Battery Plate.



- After attaching the V-mount battery, you can operate the scissor jib in 2 alternate ways -
  1. If you press the button to the battery side, it will be operated by the scissor jib battery.
  2. If you press it from the power side, it will run on the power.



- To power the Scissor Jib connect a 15AC Adapter pin to the Controller box with battery plate.



## Weight Mounting

- Insert the weight into the weight rod.
- NOTE:** Weight will be added according to the setup required to balance the camera properly.



- Insert the weight closer and press its lever to secure it.



## Battery Mounting

- Now mount your V-Mount Battery **(Not Included)** onto the Battery Plate.

**NOTE:** The system is integrated with a V-Mount Battery Plate, which adapts a 14.8V V -Mount battery to power the drive system.



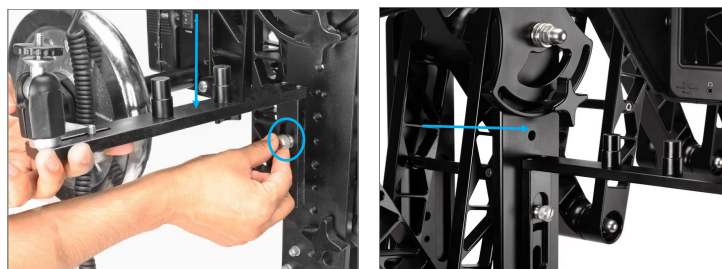
- After attaching the v-mount battery, you can operate the scissor jib in 2 alternate ways.
  1. If you press the button to the battery side, it will be operated by the scissor jib battery.
  2. If you press it from the power side, it will run on the power.



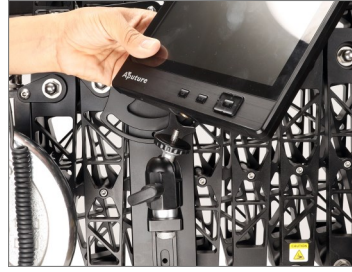
## LCD Monitor Arm Mounting

- Connect the Monitor Arm to the Hub Mounting of the jib and tighten it using the provided screws.

**FEATURE:** The LCD Mounting Arm can be mounted on either side of the hub mounting allowing you to attach your LCD monitor for better viewing of shots.



- Fix LCD Monitor (**Not Included**) on the Monitor Arm and lock it using the provided locking knob.



- To power your LCD, insert its first port in the power plug of the motor and the second port in the back side of the LCD.



- Now, the LCD is assembled and ready to use.



## Gimbal Fluid Head Setup

- Slide the Gimbal Fluid Head to the Jib's mounting plate and tighten the provided knob, as shown in the image.

**NOTE:** The Gimbal Fluid Head comes attached with the Jib plate for perfect alignment of your 3-Axis Gimbal on the Scissor Crane. If it gets detached, you can easily mount it back.



- To adjust tension on the Fluid Head, loosen or tighten its knob per your requirement.

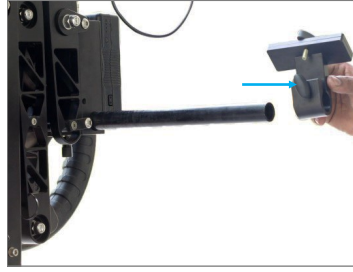
- Now, slide the Ronin Gimbal (**Not Included**) on the Gimbal Fluid Head and tighten the knob to lock it in its position.



**NOTE:** Without any camera setup this jib gets balanced at 24kg weight. If the camera weight is 1kg, the jib is balanced with  $24+3.5 = 27.5\text{kg}$ .

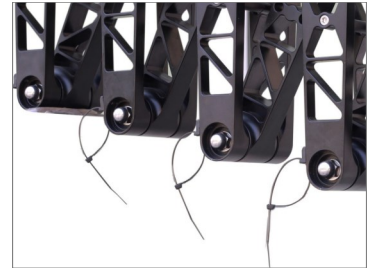


- Loosen the back knob (shown in the left image) of the Ronin Controller bracket and slide it onto the weight rod,
- Re-tighten the knob to secure the bracket.
- Now, loosen the top knob of the Ronin Controller bracket and insert the controller into the bracket's knob and tighten it.



## Attaching the Cable Tie

- After completing Scissor Jib installation, retract the jib arm.
- Attach cable ties to the hole of each frame, as shown in the image.
- Starting from the Hub Mounting, insert the cables into the cable tie.
- Now, tighten the cable ties.



**NOTE:** Maximize the length of scissor jib arm to ensure that the cables remain spiraled, as shown in the image.

## Retraction/Expansion

- The forward/reverse buttons let you conveniently push out and pull in the jib arm.



## Direction Control

- The direction button lets you lock the direction in which you want your jib to move forward or in reverse.



- Upgraded Controller Kit has now been properly attached to the Scissor Jib Crane.



## ■ Tri-Way Dampener System Setup

### Remove Gimbal Fluid head from Jib's Head

- Loosen the knob of the Gimbal Fluid Head and press the push button.



- Then, remove the Gimbal fluid head.



- Loosen and remove both the screws from the mounting plate using the screwdriver (Not Included).



- Then, remove the mounting plate.

- Loosen and remove the bolts from both sides of the rod using a 3mm Allen key.



- Then, remove the rod.



## Tri-Way Dampener System Assembly

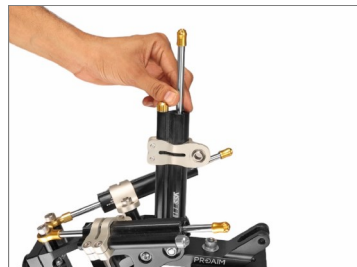
- The Proaim Tri-Way Damper is your key to achieving the most creative, stable, and smooth shots possible. It's designed to minimize roll & tilt errors, especially when shooting on moving platforms at varying speeds.



- Loosen and remove the bolt using a 4mm Allen key.



- Now, rotate the top part of the Dampener.



- Loosen and remove the bolt using a 5/16" Allen key.



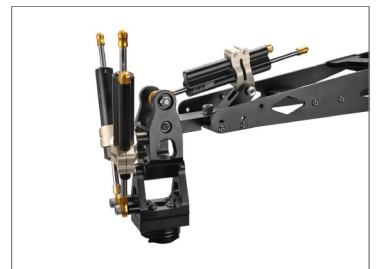
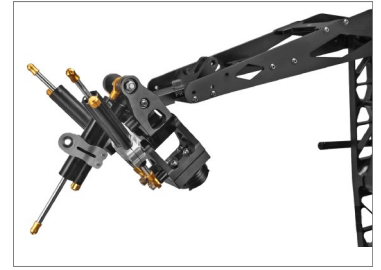
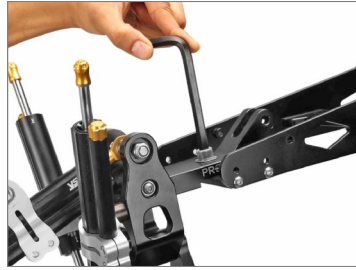
- Loosen and remove the bolt using a 7/32" Allen key (Not Included).



- Then, remove the mounting plate.

## Tri-Way Dampener Mounting

- Attach the Dampener with the L-plate of the jib's Head.
- Align the holes of the Tri-way Dampener and insert the bolt.
- Tighten the bolt securely using a 5/16" Allen key, as shown in the image.
- Now, securely place the top part of the Dampener into the Dampener holder, ensuring the hole's alignment.
- Then, insert the bolt and tighten it securely using the 4mm Allen key.
- The Tri-Way Dampener is securely attached to the jib's Head.

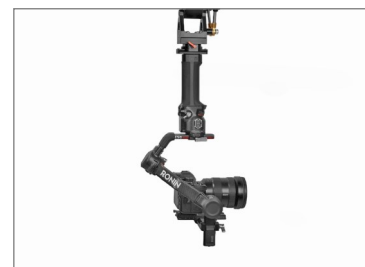
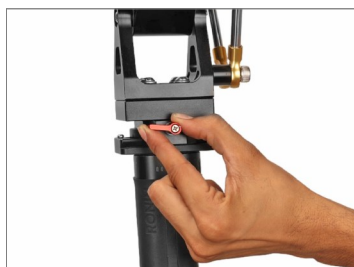


## Gimbal Mounting

- Loosen the ratchet knob of the Tri way dampener and slide the Gimbal (Not Included) on it.

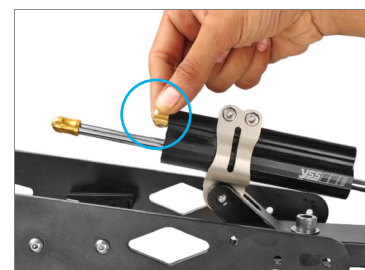
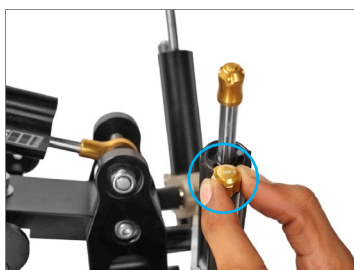


- After sliding the Gimbal, re-tighten the knob to secure it.



- The gimbal is securely attached to the Tri-way Dampener.

- You can set the Left & Right damping adjustments by rotating the knobs marked in the image.



- Similarly, you can set the front damping adjustment by rotating the top knob.

## Maintenance

### Bearing Maintenance

If after a period of time your bearings don't smoothly, lubricate with light machine oil. Be sure to keep oil away from your camera, & clean up any over-spill.

### Cleaning

Do not use solvents or harsh cleaners of any kind on your crane. If the unit becomes dirty, use a damp soft cloth or sponge and a mild detergent to gently clean external parts.

### Balancing Tips :

#### Jib self balancing With 24kg Weight

If the camera weight is 1kg, the jib is balanced with  $24+3.5 = 27.5\text{kg}$

If the camera weight is 2kg, the jib is balanced with  $24+7 = 31\text{kg}$

If the camera weight is 10kg, the jib is balanced with  $24+35 = 59\text{kg}$

**YOUR PROAIM POWERMATIC SCISSOR PRO 17FT CAMERA JIB CRANE  
ALL DRESSED UP AND READY TO GO!**



**(SHOWN WITH OPTIONAL ACCESSORIES)**

**Warranty:** We offer a one-year warranty for all our products from the date of purchase. Within this period, we will repair it without charge for labor or parts. The warranty doesn't cover transportation costs, nor does it cover a product subjected to misuse or accidental damage. Warranty repairs are subject to inspection and evaluation by us.

**Liability:** We are not liable for damage caused by supplier or from mishandling in transit, accident, misuse, neglect, or lack of care of the product or service by anyone other than our company.

**Contact Us:** If you are dissatisfied, please contact us immediately. We promise our utmost support and care towards all our customers.