

Powermatic Scissor Pro 17ft Telescopic Camera Jib Crane w New Remote Controller (JB-SCSR-02)

Assembly Manual

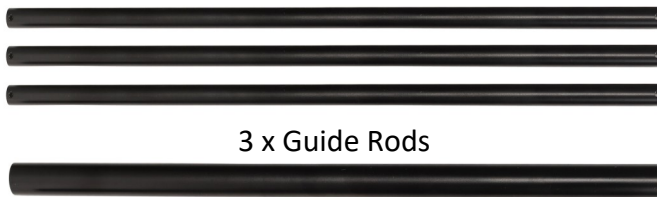


What's In The Box

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



17ft Powermatic Scissor Jib with
Gimbal Fluid Head



3 x Guide Rods



Hub Locking Knob



Monitor Arm



Speed Controller
Remote



2 x Weight
Closers



Ronin Controller
Bracket

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15V AC Adapter



BNC Wire



HDMI Male to Male Wire



Controller Box with Battery plate



2 x Fuse



D-Tap wire



Female to Female Connector



Controller Spiral cable



4 x T-Type Allen Key size: (2.5mm, 3mm, 4mm, 3/16")



Spanner
(Size: 13mm)



50 x piece
cable Tie



Flight Case



Safety Hints

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

BE HIGHLY VIGILANT WHILE ASSEMBLING

Lack of attention while attaching Dolly, Tripod & Crane together can cause substantial damage to equipment.

BE WATCHFUL OF THE HANDS

Cautiously operate to avoid pinching your hand/fingers between the arms.

INSPECT THE SURROUNDINGS PRIOR TO OPERATION

The operating area of the crane and its accessories must be kept clear.

ALWAYS ESTABLISH THE CORRECT BALANCE

Adjust the weight balance before telescoping the length.

CAREFULLY ATTACH HDMI CABLE

To prevent its interference with gimbal, leave appropriate space while connecting to the camera.

KEEP CHECK ON BATTERY LEVELS

If you work at low battery, it may affect the telescopic functionality.

FOLD THE CRANE WHILE TRANSFERING

When you want to move the crane for longer distance, fold it completely then move.

FIX THE LEGS WITH LOCKING PINS

When you assemble the stand & adjust its height, insert the locking pins for additional safety.

FOLLOWING THESE GUIDELINES WILL PROVIDE BETTER SHOTS AND TROUBLE FREE OPERATION.

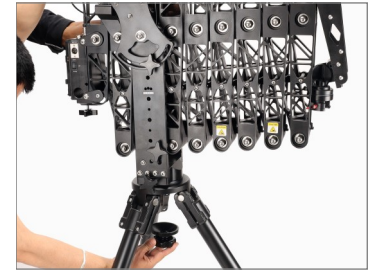
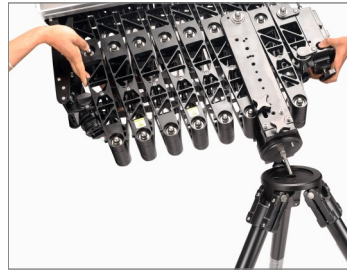
SHOULD YOU NEED ADDITIONAL INFORMATION, TECHNICAL ASSISTANCE IS AVAILABLE 'ONLINE' BY CONTACTING YOUR SALES REPRESENTATIVE.

Scissor Telescopic Camera Jib Crane Setup

- Insert the bolt into the hub mounting hole of the Scissor Jib crane and properly secure it with the help of a wrench.



- Place Scissor Jib with Hub Mounting on top of the Jib Stand, and then insert the Hub Locking Knob, as shown in the image.



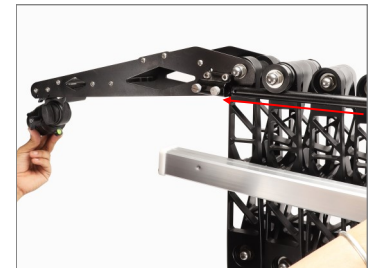
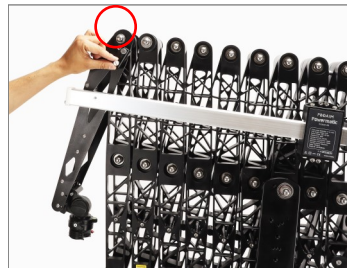
- After attaching the hub locking knob, secure it properly.



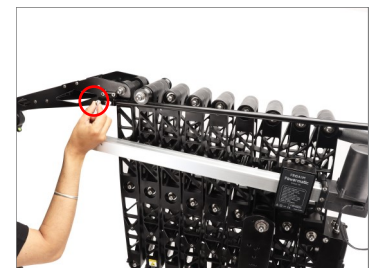
NOTE: Check the Scissor Jib level with the help of a Bubble Leveler. You can adjust the height of jib stand to keep your jib levelled.



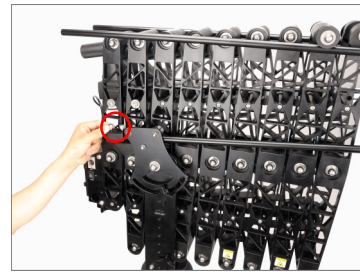
- Loosen the gimbal bracket bolts then insert the two guide rods on either side.



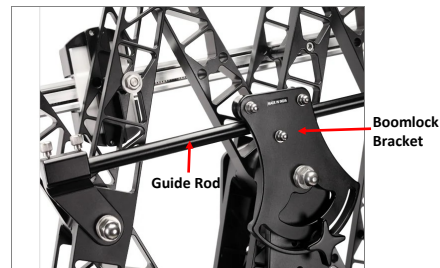
- After inserting two guide rods tighten them with the help of the bolts.



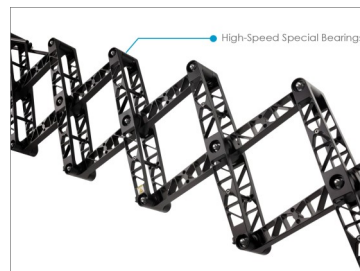
- Then insert another guide rod into the boom lock bracket and then lock it in place to secure it correctly.



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

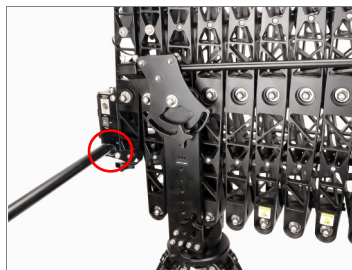


NOTE: While using the jib at extremely high position, the rear part of Gimbal will touch Gimbal Bracket. Therefore, adjust the angle of Gimbal Bracket by loosening the bolt of Guide Rod Mount.



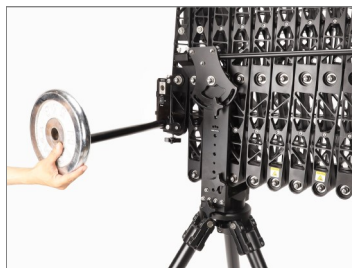
Weight Rod Setup

- Insert the weight rod and secure it properly with a knob.

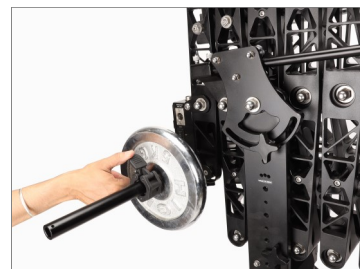
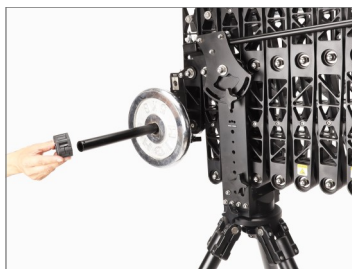


- Insert weights into the weight rod.

NOTE: Weight will be added according to the setup required to balance the camera properly.

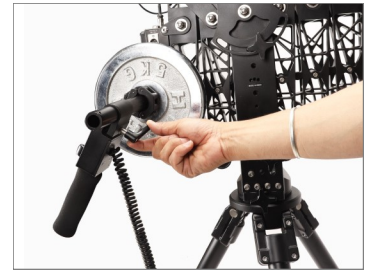


- Both ends are now secured with closers.

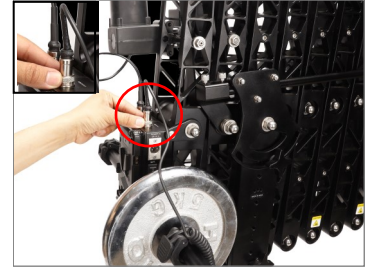
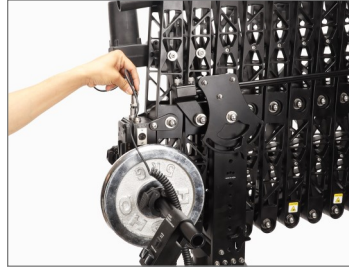


- Install Jib Controller on the weight rod, and then secure it with the provided knob.

NOTE: Telescope / Retract the length of Scissor Jib using Jib Controller. Precise Controller conveniently pushes out / pulls in the jib length and controls the movements.

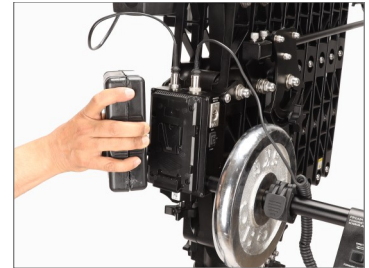
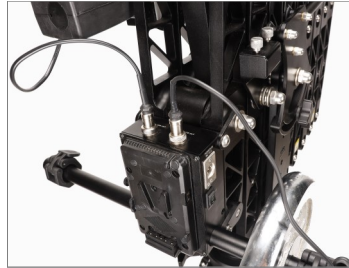


- Connect the Jib Controller cable to the right and Motor Driver cable to the left of the Battery Plate.

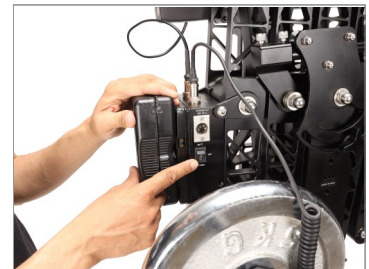
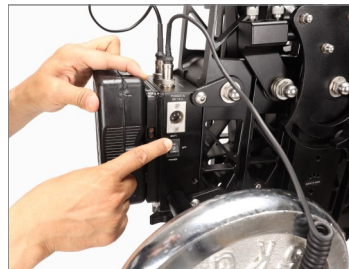


- Now mount your V-Mount Battery (Not Included) onto the Battery Plate.

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. If you press the button to the battery side, it will be operated by the scissor jib battery, and if you press it to the power side, it will run on the power.



- You can rotate your scissor crane 360° by loosening the knob, as shown in the image.



LCD Monitor Arm Setup

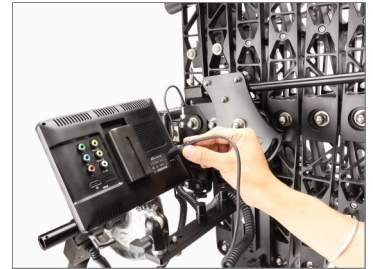
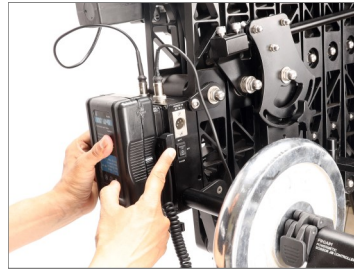
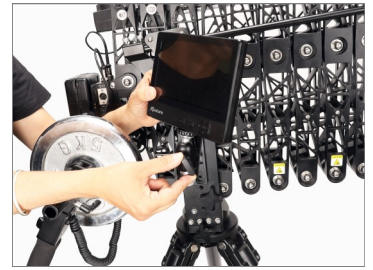
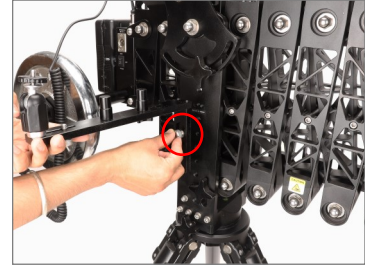
- Connect the Monitor Arm and tighten it with the help of provided screws.

NOTE: LCD Mounting Arm helps in attaching an LCD monitor for better viewing of shots; the arm can be mounted left/right as per your requirement.

- Fix LCD Monitor (Not Included) on Monitor Arm directly and lock it with the help of the provided screw.

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

- LCD is assembled properly with the wire, as shown in the image.

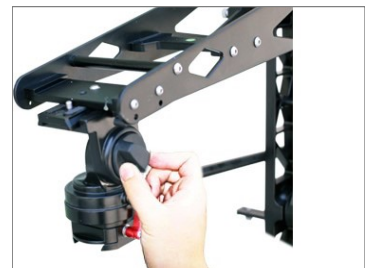


Gimbal Fluid Head Setup

- Attach the Gimbal Fluid Head and lock it with the help of provided knob.

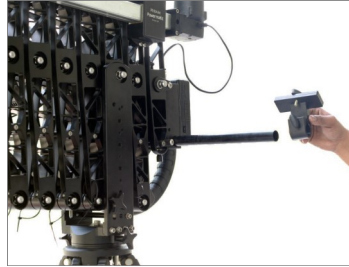
NOTE: Gimbal Fluid Head comes attached with jib plate. If in case it gets detached, you can easily mount it. Steady Fluid Head ensures perfect alignment of your 3-Axis Gimbal on Scissor Crane.

- Mount your Gimbal (Not Included) and adjust the tension of the Fluid Head as per the requirement.



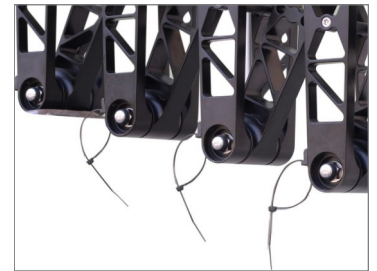
NOTE: Without camera setup this jib gets balanced at 24kg weight. If the camera weight is 1kg, the jib is balanced with $24+3.5 = 27.5\text{kg}$. For more details we provided balancing tips on Page-no: 12

- Install Ronin controller bracket on the weight rod. Then attach the Ronin controller with the bracket and lock it.



Attaching the Cable Tie

- After completing the installation, retract the jib arm, and then attach cable ties to the hole of each frame.



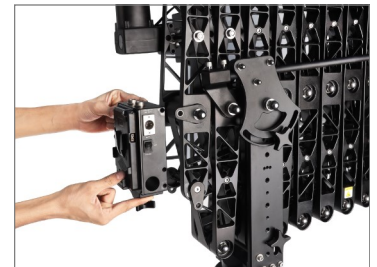
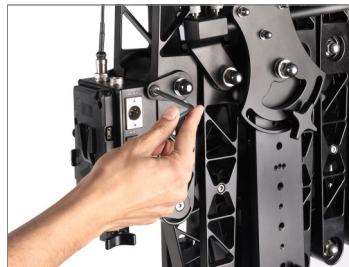
- From the back, put the cables into the holes in the same direction, then tighten the cables tie to the marked position. Make sure that the cables do not move from these frame.

NOTE: Maximize the length of scissor jib arm to check the cable so that it should remain spiral like in the image .

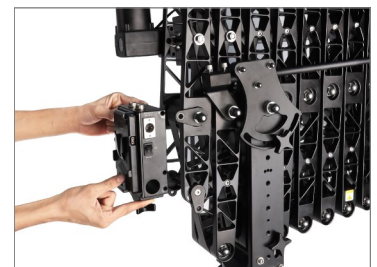
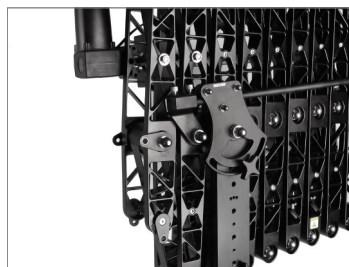


Controller Kit Setup

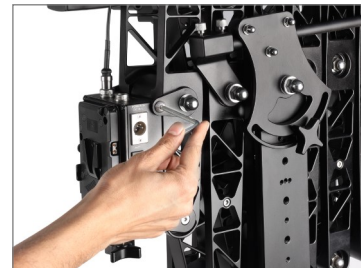
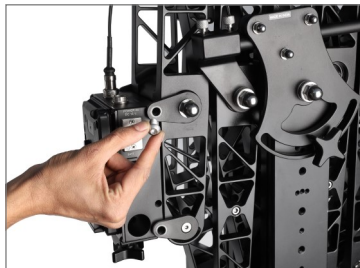
- Loosen & remove the bolts of an already attached Controller box with a battery plate of the Scissor Jib Crane **(Not Included)** using an Allen key, and then remove the Controller box.



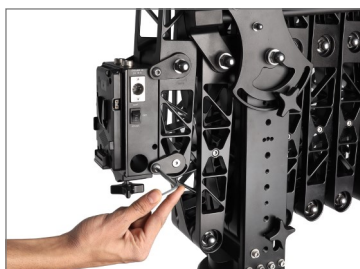
- Attach the Controller box to the Scissor Jib crane **(Not Included)**, as shown in the image.



- Then insert the Allen bolt into the Controller box, and secure it using the Allen key.



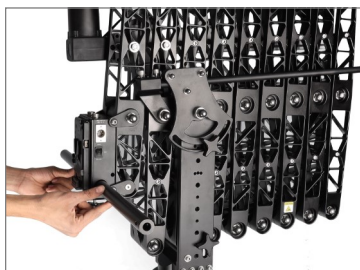
- Similarly, secure all the bolts using the same process as above, and attach The Controller Box with Battery plate to the Scissor Jib (Not Included).



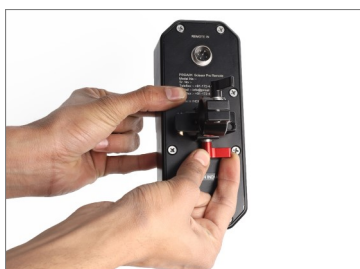
- Loosen the flower knob of the Controller box, and then insert the weight rod (Not Included).



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



- 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.



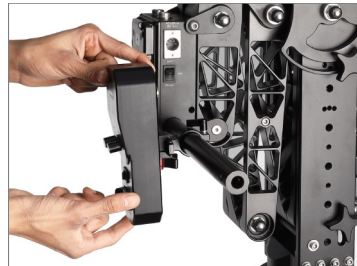
Damping Adjustment

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

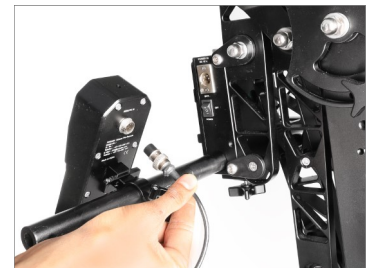
- Loosen the ratchet knob (Black) of the Speed Controller Remote.



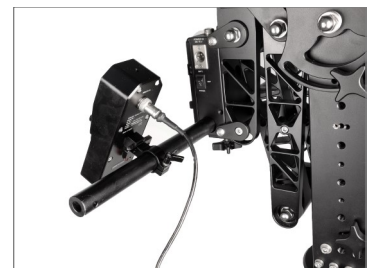
- Insert the Speed Controller Remote by sliding it into the weight rod (**Not Included**), and then properly tighten it using the provided knob.



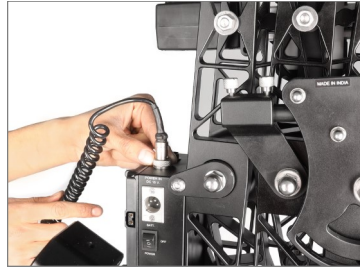
- After attaching the Speed Controller Remote to the weight rod (**Not Included**), affix the pin of a spiral cable to the Speed Controller Remote.



- Tighten the pin of the spiral cable.

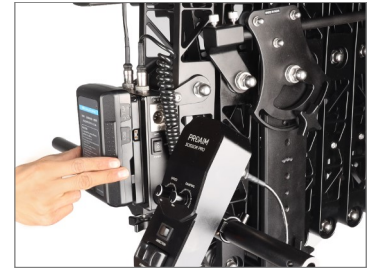


- Connect the Jib Controller cable to the right and Motor Driver Cable to the left of the Battery Plate.

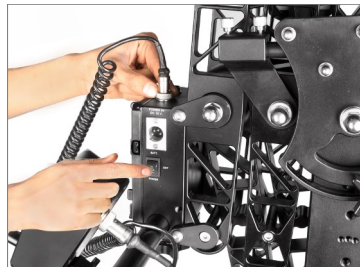


- Now mount your V-Mount Battery **(Not Included)** onto the Battery Plate.

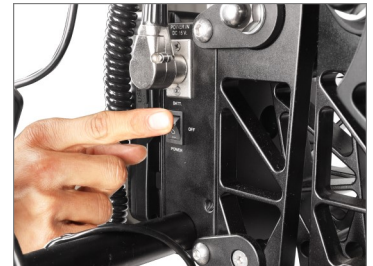
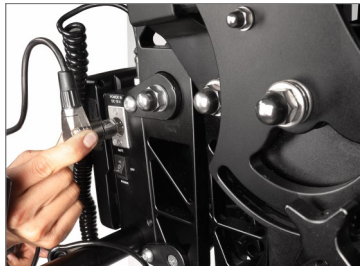
NOTE: The system is integrated with a V-Mount Battery Plate, which adapts a 14.8V V-Mount battery to power the drive system.



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



- To power the Scissor Jib **(Not Included)**, connect a 15AC Adapter pin to the Controller box with battery plate.



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 (Not Included).



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 TELESCOPIC
CAMERA JIB CRANE W NEW REMOTE CONTROLLER
ALL DRESSED UP AND READY TO GO!**



(SHOWN WITH OPTIONAL ACCESSORIES)

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

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

Contact Us: In case of any kind of dissatisfaction, please Contact us immediately and we promise our utmost support and care until you use our product.