



Powermatic Scissor 17ft Telescopic Crane (JB-SCSR)

Instruction Manual

PRO  **AIM**
└ CINEMA SERIES ┘

At Proaim, our goal is to ensure 100% Customer Satisfaction in all that we do.

We back our sales with a 1 year warranty from the date of purchase and work hard to resolve any problems in the unlikely event one should arise.

With our commitment to continuous improvement and your Feedback, building on our reputation of providing affordable, quality products is
PRIORITY #1.

■ Table of Contents

Subject	Page
Foreword	3
Introduction	4
Safety Hints	6
Assembling	7-14
Warranty	16

■ Welcome To Proaim!

Dear Client,

On behalf of all the people that work so hard to provide you with the most up-to-date, flexible and cost-efficient production gear, we would like to welcome you into the Proaim family.

By purchasing your Proaim Powermatic Scissor 17ft Retract - Telescopic Camera Crane, you have just joined a host of designers, engineers, machinists, assembly, customer service and office staff that take great pride in all that they do. Our mantra of continuous improvement has been the guiding principle of how we conduct our business since day one.

Once you have the opportunity to experience your new Proaim Powermatic Scissor jib, we hope you will agree that we craft quality products at a competitive price. Products designed to meet and exceed the standards of today's real production world.

Standards set by our valued clients and standards we strive to maintain.

With Best Wishes,
Proaim Team

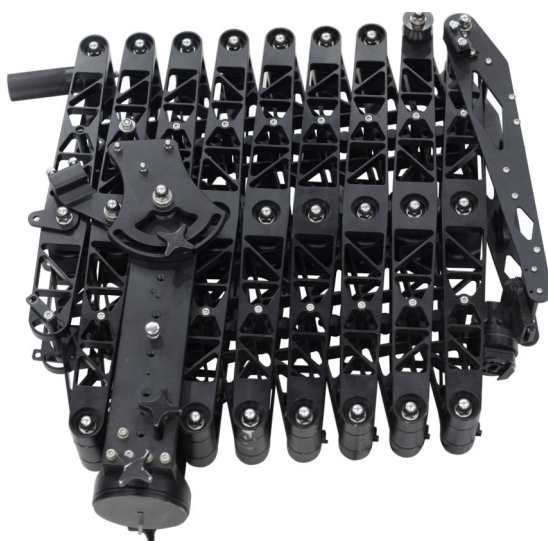
■ Introduction

Proaim Powermatic Scissor Camera Crane system permits technically challenging, innovative and creative shots that were previously considered too expensive! Proaim offers a retractable jib that puts the camera right where you need it – at any challenging location where no other crane can be used! Powermatic Scissor is the highest quality, most versatile and user-friendly jib. For the first time, a single camera jib operator can easily control all aspects of camera movement, including telescoping of the jib arm. You can smoothly change length of boom during shoot with the joystick, controlled by a powerful actuator. Designed to work with 3-Axis Camera Gimbals, Proaim Powermatic Scissor Jib package comes with/without Proaim Gravity Tripod Stand & Proaim Anchor Camera Dolly. It works superbly when mounted on camera dollies giving the ability to get a wide range of shots and set-ups.

■ What's In The Box

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

NOTE: *If you have purchased Powermatic Scissor Telescopic Crane (JB-SCSR-00), you will receive the following:*



17ft Powermatic Scissor Jib
with Gimbal Fluid Head



Jib Controller



Monitor Arm



Hub Locking
Knob



Ronin controller
bracket



Female to female
connector



2 x Weight Closers



Weight Rod

3 x Guide Rods



HDMI Male to Male Wire



BNC Wire



15V AC Adapter



Flight Case

NOTE: If you have purchased Powermatic Scissor Telescopic Crane Package (JB-SCSR-01), you will also receive the following:



Gravity Stand

Anchor dolly
(DL-ANCR-02)

Storage Bag for Gravity Stand



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.

■ Assembling the Dolly

- Loosen both the knobs from the center of folded dolly and spread it on floor. Then tighten them again.

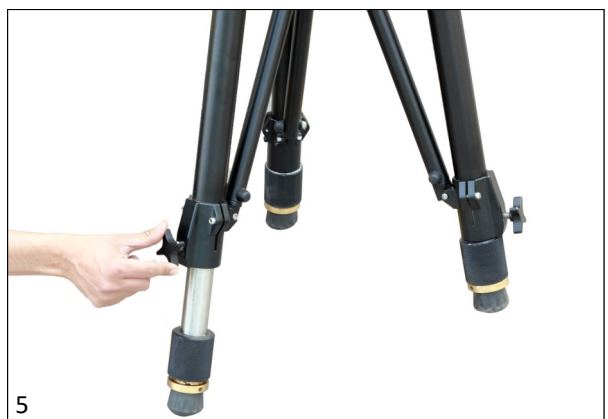


- NOTE:** To keep the dolly in static position, lock the wheels by pushing down the lever.



Attaching the Jib Stand

- Loosen the knob at the bottom of jib stand. Stretch its legs on floor and set the height of stand, as per the requirement. Then tighten the knob back to secure it.



- Place the jib stand onto dolly.



- Insert the locking pin for extra security of jib stand.

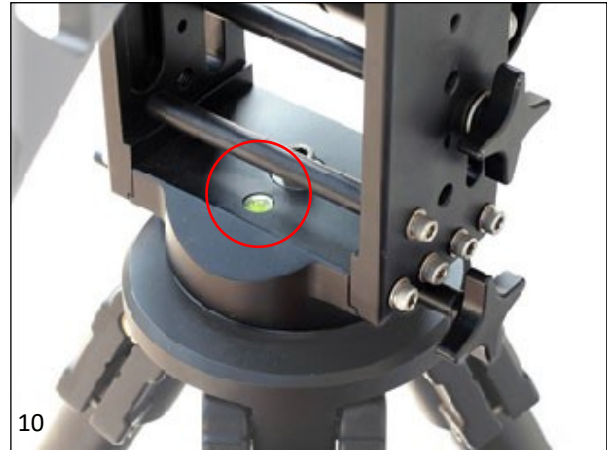


■ Assembling the Jib Crane

- Place Scissor Jib with Hub Mounting on top of jib stand. Tighten it with Hub Locking Knob, to secure it properly.



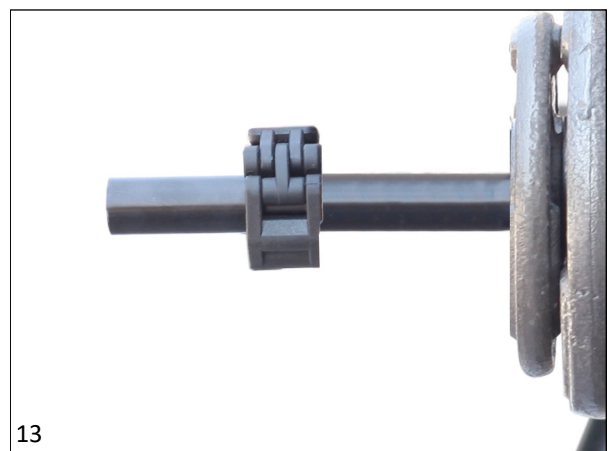
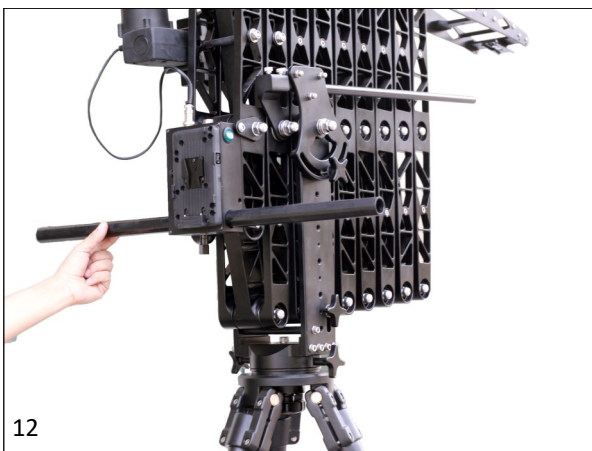
- Check the Scissor Jib level with the help of a Bubble Leveler.



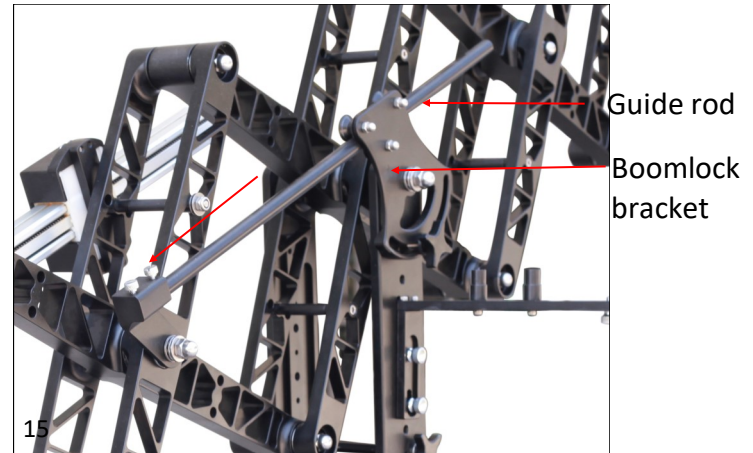
- **NOTE:** *You can adjust the height of jib stand to keep your jib levelled.*



- Insert Weight Rod and lock both the ends with Weight Closers.



- Affix two Guide Rods on either side of Gimbal Bracket and lock them properly. Then insert another Guide Rod in Boom Lock Bracket and lock to secure it accurately.



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.



- Attach 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.



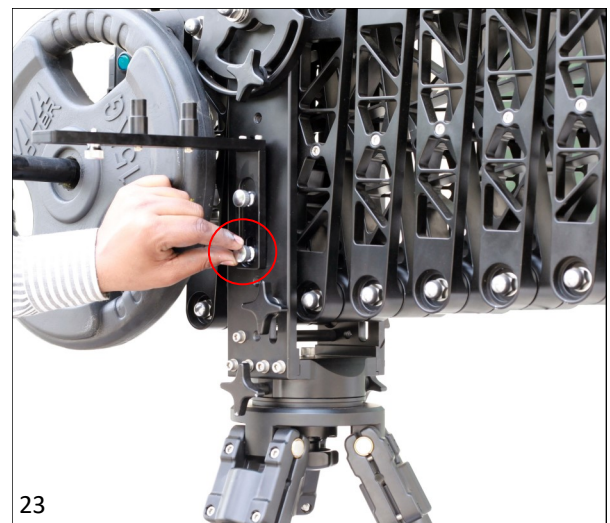
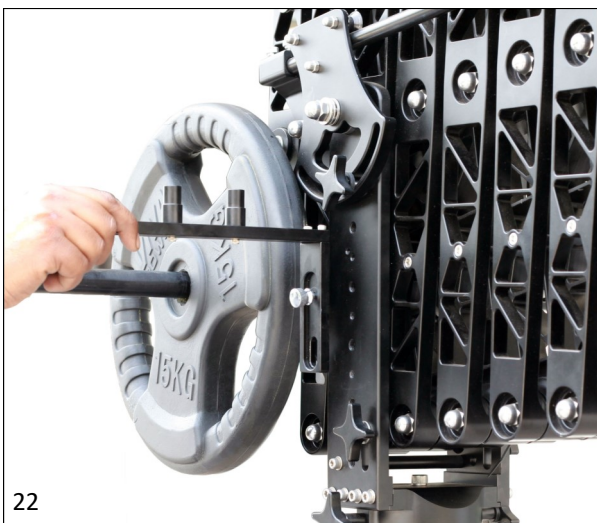
- Mount any Gimbal of your choice (**NOT INCLUDED**) and adjust the tension of Fluid Head as per the requirement.



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:15

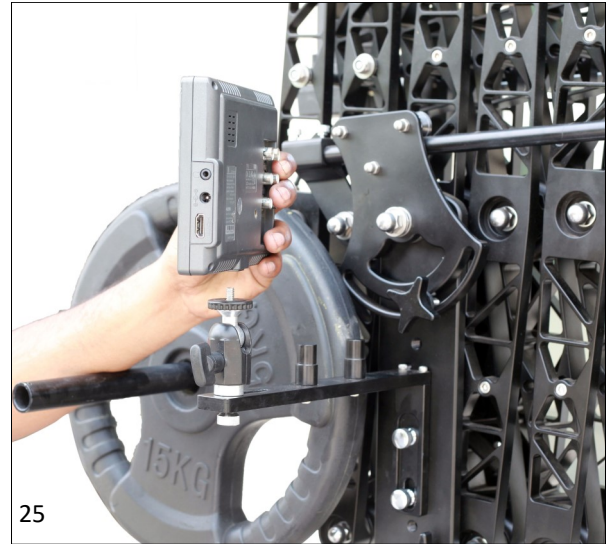
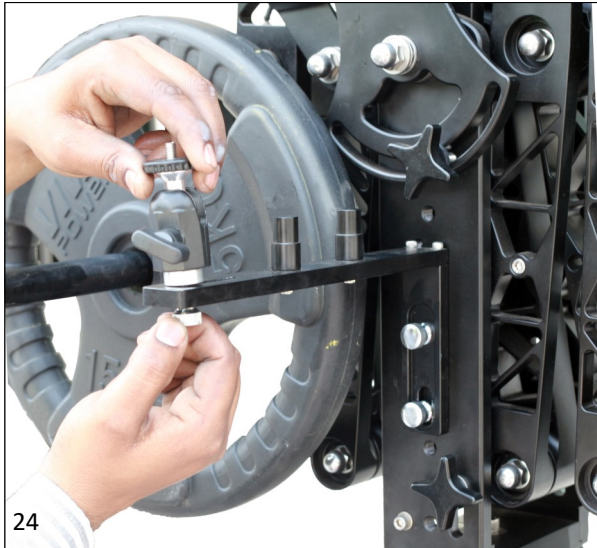


- Connect the Monitor Arm and tighten with the help of provided screws.

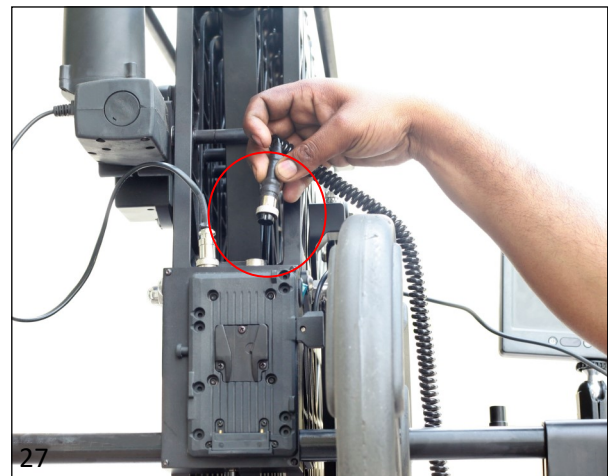
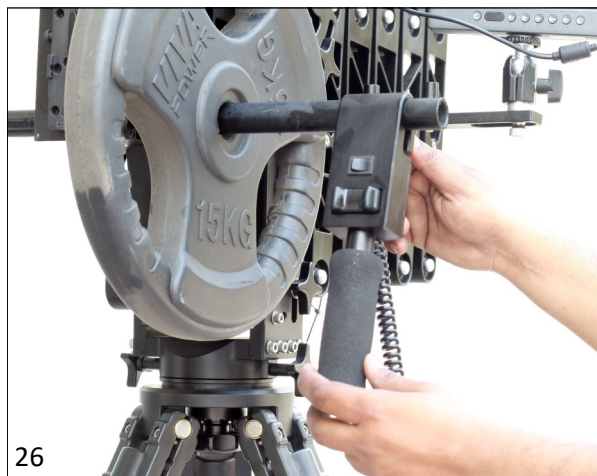


- Fix LCD Monitor **(NOT INCLUDED)** on Monitor Arm directly and lock it with the help of provided screw.

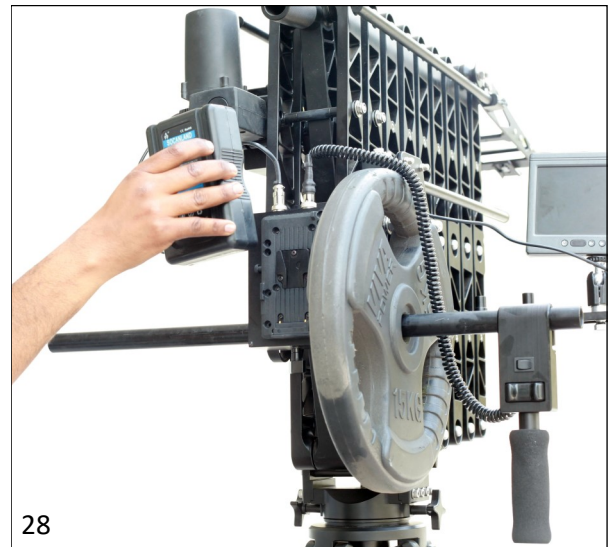
NOTE: You may attach any Ball Head **(NOT INCLUDED)** to fix LCD Monitor onto it or to fix other accessories. This will make the accessory flexible.



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

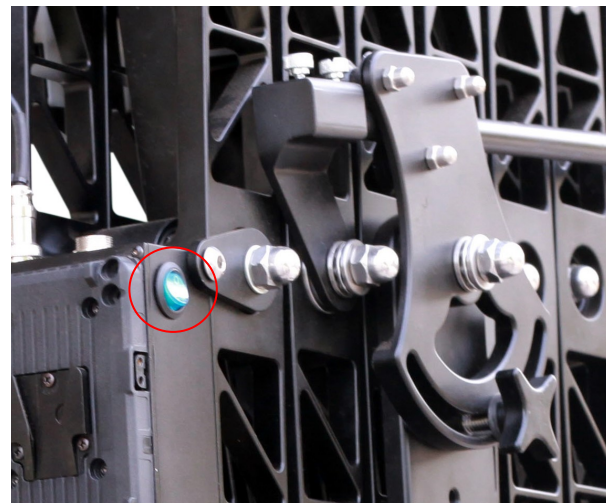


- Now mount your V-Mount Battery (**NOT INCLUDED**) onto the Battery Plate.



28

- Switch ON the Motor Driver.

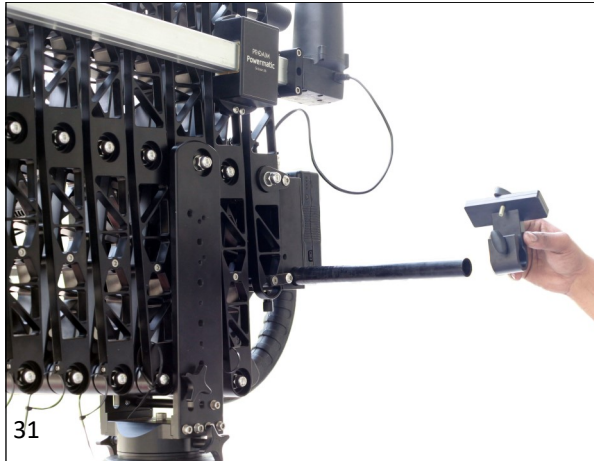


NOTE: Telescope / Retract the length of Scissor Jib using Jib Controller.



30

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



Attaching the Cables

- After completing Scissor Jib installation, retract the jib arm. 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 can not move from each frame.

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



Maintenance

Bearing Maintenance

If after a period of time your bearings don't turn 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 17ft TELESCOPIC CRANE
ALL DRESSED UP AND READY TO GO!**



WARRANTY

We offer a one year warranty for our products from the date of purchase.

We will repair or replace your product, free of charge, in the event of a defect in materials or craftsmanship obtained during normal use or handling based on the user manual. Please note that we will not cover any shipping costs for returning the product to us. If any VAT or import duties are applied to the return, we will also charge these costs to the customer.

The warranty does not include, by the way of example, 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.

We are not liable for incidental or consequential damages resulting from the use of the unit or occurring due to any breach of this warranty.

Replacement parts of the product will be provided at nominal cost (covering the cost price of the replacement parts only) to the customers after the Warranty Period has expired. We will cover the complete cost of sending replacement parts within the warranty period. After that, Nominal cost of the product & Actual shipping cost will be charged.

Do not send the unit to us without first getting a response and getting the approval to send back the item.

In case of any kind of dissatisfaction, we urge you to **Contact us** immediately and we shall do our Best to help you out. For any other assistance you can reach us via email.

For any other assistance you can reach us via email.