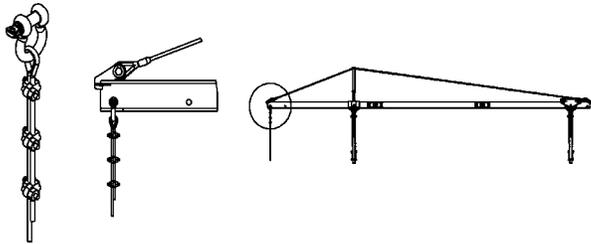




Assembly Instructions
 Rolling Roof Rig,
Corner Adapter & Beam Splice Tube
Packages A, B, & C
Packages ABT, BBT, CBT



WARNING:

Any use of this equipment other than in strict accordance with these instructions shall be at the Operator's risk and may result in serious injury.

TO EMPLOYER AND OR RENTAL AGENCY
It is imperative that this manual be given to the operator of Sky Climber equipment and that they read, fully understand, and follow all instructions contained herein.

Safety is Important.

Questions? Contact Sky
Climber Technical Service
Department 800/255-4629

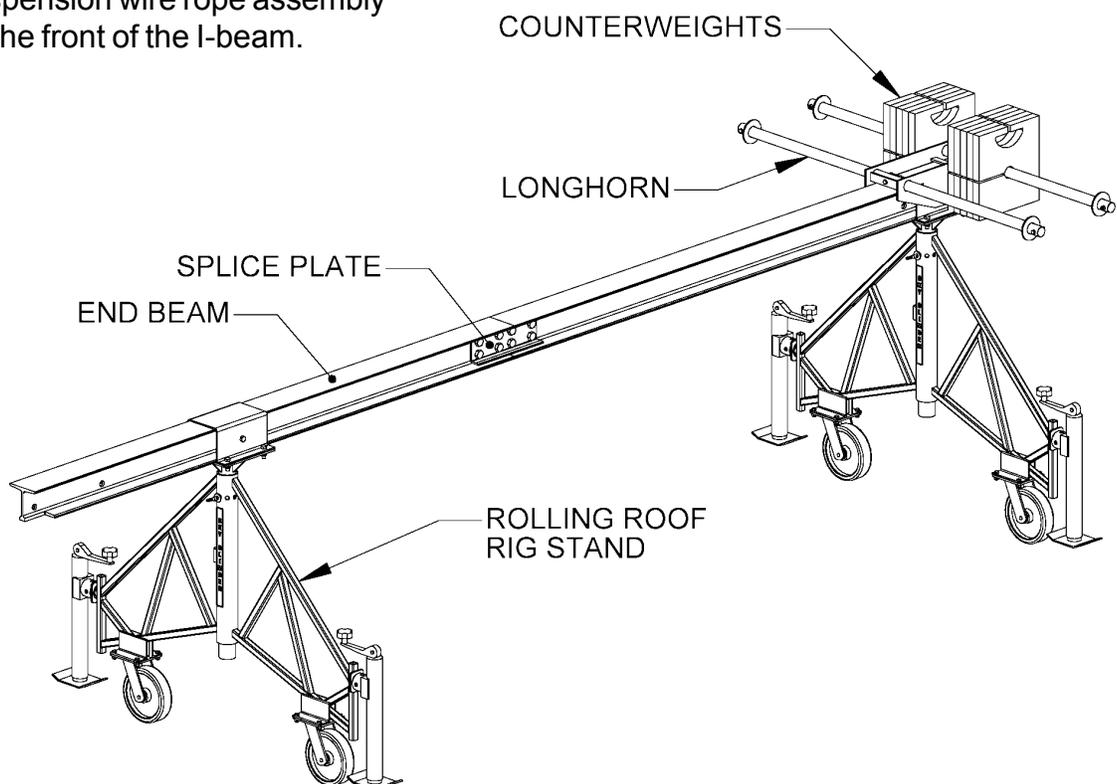
Daily or Before Start of each shift Checklist

DO NOT use Sky Climber Hoists, Sky Locks, or equipment which is damaged or worn beyond normal tolerances.

1. Instructions are kept with the unit at all times. (Additional copies are available from Sky Climber).
2. All Warning/Rating Labels are in place, legible and have been read.
3. Roof rigging load is spread using 3/4" plywood. Hard wood is used for load spreader with parapet.
4. Counterweights are non-flowable type, secure and in the correct quantities.
5. Cornice hook, parapet clamps or outriggers are secured and tied back. Tie backs are tight and straight back.
6. Wire rope inspected and is not kinked, bird caged, dirty or otherwise damaged.
7. The wire rope bitter end is looped and secured with a jclamp/fist grip.
8. Minimum of 3 jclamps/fist grips are used and are tight.
9. Suspended platform hoist is connected to proper power source.
10. Hoist drain holes on bottom are open. Check fasteners. Oil level in lubricator of air hoist is adequate
11. Sky Lock, hoist load, controlled descent, emergency stop tests performed and acceptable.
12. Make sure ALL fall protection equipment is damage free and in good condition.

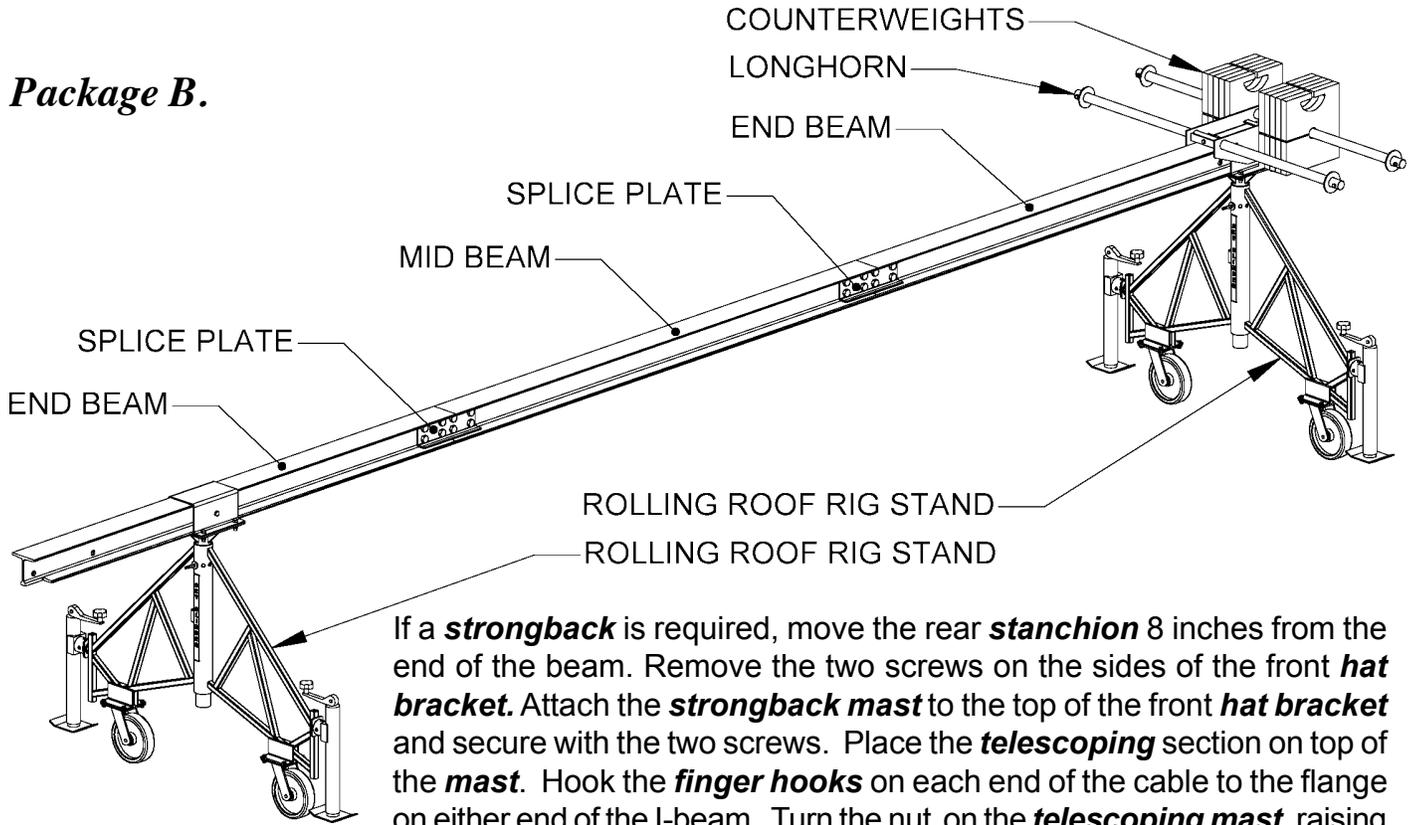
1. Assemble beam using 2 **splice plates** and 8 - bolts and nuts per joint. Rolling Roof Rig **Package A** consists of 2 **end beams**. **Package B** consists of 2 **end beams** and 1 **mid-beam**.
 2. Raise the **mast** to the desired height and insert the **retaining pin**. Loosen the 4 nuts and bolts connecting the **hat bracket** to the **mast**. Insert and pin a **jack** on each side of the **stanchion**. Repeat with second **mast**.
 3. Insert the assembled I-beam through the **hat bracket** of the front **stanchion** until you reach the desired amount of overhang. Tighten the four **hat bracket** bolts and nuts. Insert other end of I-beam through rear **stanchion** until about 3 inches of the beam extends beyond the **hat bracket (packages A & B)**.
 4. Remove the two screws on either side of the rear **hat bracket**. Set the **longhorn** on top of the rear **hat bracket** and secure it using the two screws.
 5. Check chart to determine maximum amount of overhang for your application. If a **strongback** is required see **package C**.
 6. Roll the assembled roof rig into the desired location. Crank the **jacks** until the live load is removed from the casters and the roof rig is level.
 7. Slide the correct amount of **counterweights** (see chart on page 4.) onto the **longhorn** rods. Slide the large washers onto the rods and place a nut and bolt through the ends of the rods to retain the **counterweights**.
 8. Attach the tie back wire rope to the hole in the rear of the I-beam and tie back to a substantial building structure*.
- * Substantial building structure is defined and verified as an anchor point designed and confirmed in writing by an engineer, with a 4:1 safety factor.
9. Attach the suspension wire rope assembly to the hole in the front of the I-beam.

Package A



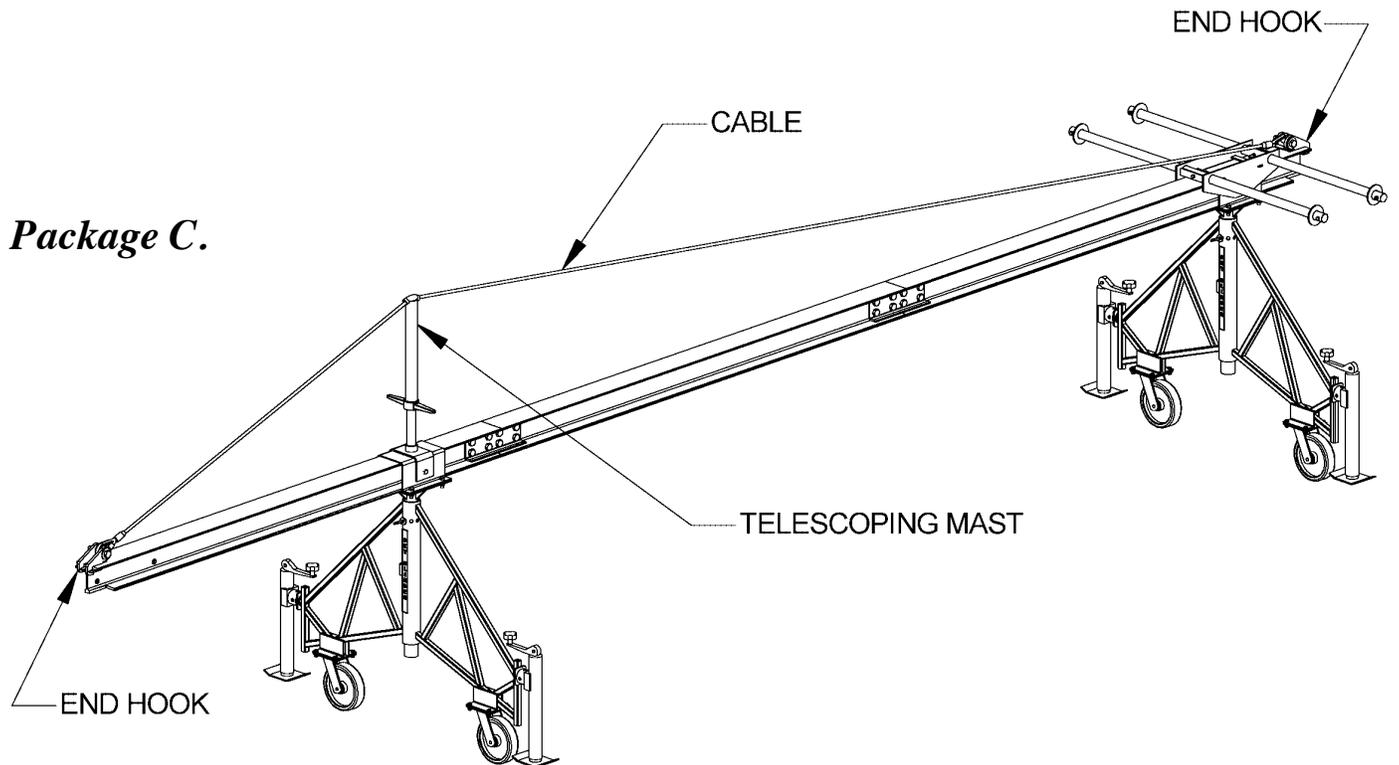
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Package B.

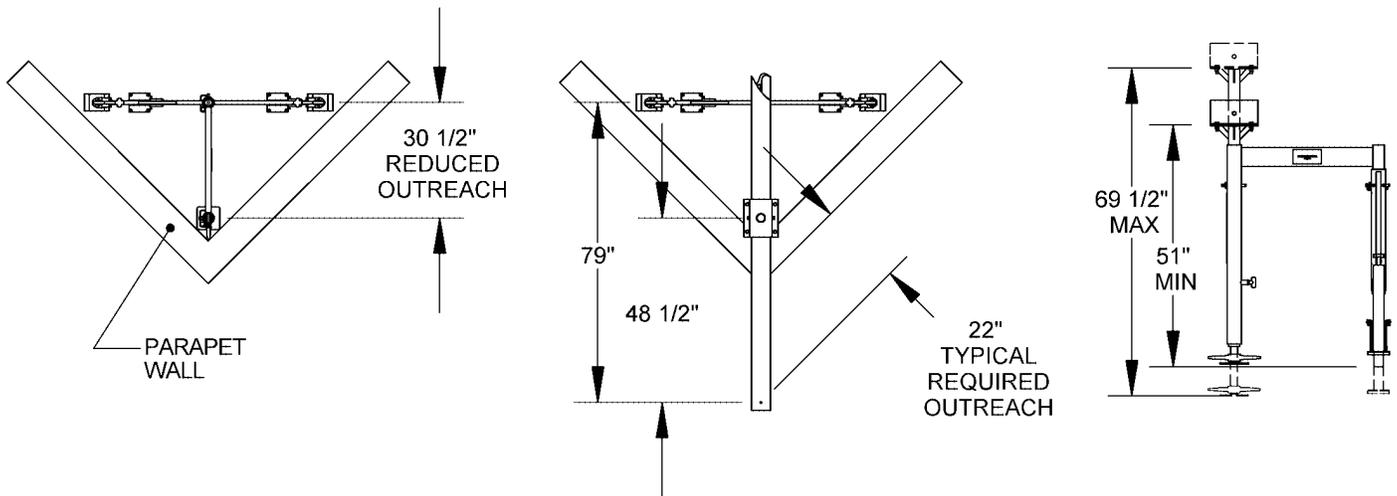
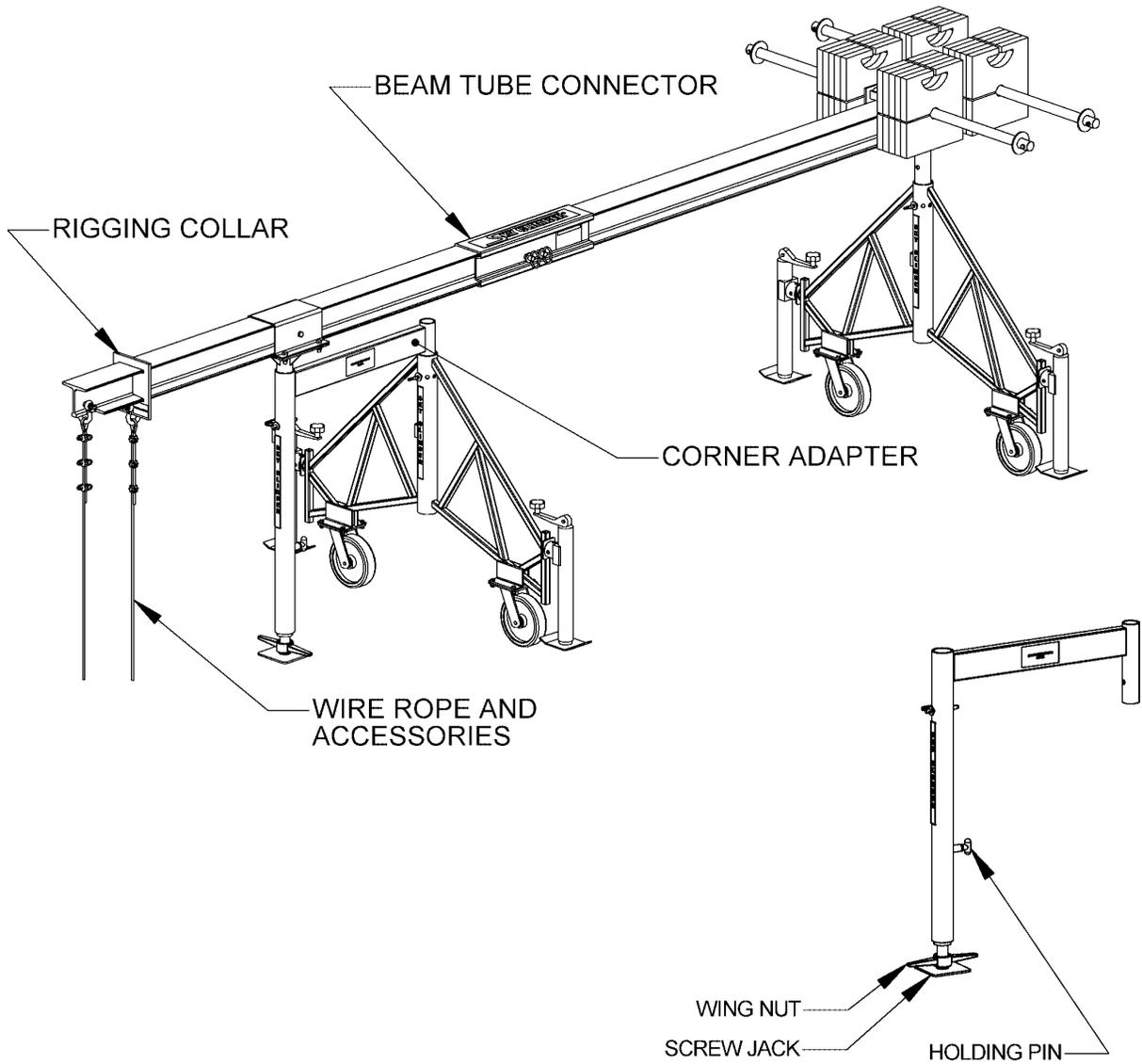


If a **strongback** is required, move the rear **stanchion** 8 inches from the end of the beam. Remove the two screws on the sides of the front **hat bracket**. Attach the **strongback mast** to the top of the front **hat bracket** and secure with the two screws. Place the **telescoping** section on top of the **mast**. Hook the **finger hooks** on each end of the cable to the flange on either end of the I-beam. Turn the nut on the **telescoping mast**, raising it until the cable is tight.

Package C.



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Rigging Collar Instructions:

- * The Rigging Collar is designed to be used when intermediate and additional suspension points are required on the Sky Climber beam. For example: it may be used to reduce the outreach without moving the entire rolling roof rig;
- * The Rigging Collar may only be used when precautions have been taken to ensure the Collar can not slide off the end of the beam. This may be accomplished by placing a shackle or stop bolt or other hardware in the hole at the end of the beam and locating the Rigging Collar between a rolling roof rig stand and the end of the beam.
- * The maximum load rating of the Rigging Collar is 1250 lbs.
- * Counterweight calculations should be based upon the rolling roof rig position i.e. the Rigging Collar may not be used to reduce outreach with the goal of reducing the number of counterweights required.

Corner Adapter Instructions:

1. Remove the mast from the front Rolling Roof Rig Stand.
2. Insert the short tube of the Corner Adapter into the front Rolling Roof Rig stand and pin in place.
3. Adjust the height of the screw jack by releasing the Jack Holding Pin, which will allow the jack to be moved to the floor. Note that the load should be spread on the roof/floor with the use of plywood.
4. Tighten the wing nut to secure the screw jack height.
5. Insert the mast of the front Rolling Roof Rig stand into the long tube of the Corner Adapter and adjust the height as required.
6. Assure the rear Rolling Roof Rig stand is set to the correct height to ensure a level beam.
7. Install the beam as usual.

To move the Corner Adapter:

1. Move the Rolling Roof Rig as normal.
2. To avoid dragging the screw jack, screw the wing nut to the bottom of the jack; lift the jack to the bottom of the Corner Adapter tube while pulling the Holding Pin out, and release the Holding Pin to hold the screw jack in place off the ground

Beam Tube Instructions:

Follow normal Rolling Roof Rig instructions, but use the Beam Tube in place of all splice plates, nuts and bolts. The pin is placed on the outermost hole of the beam, replacing the four bolts and nuts, to allow for assembly without tools.