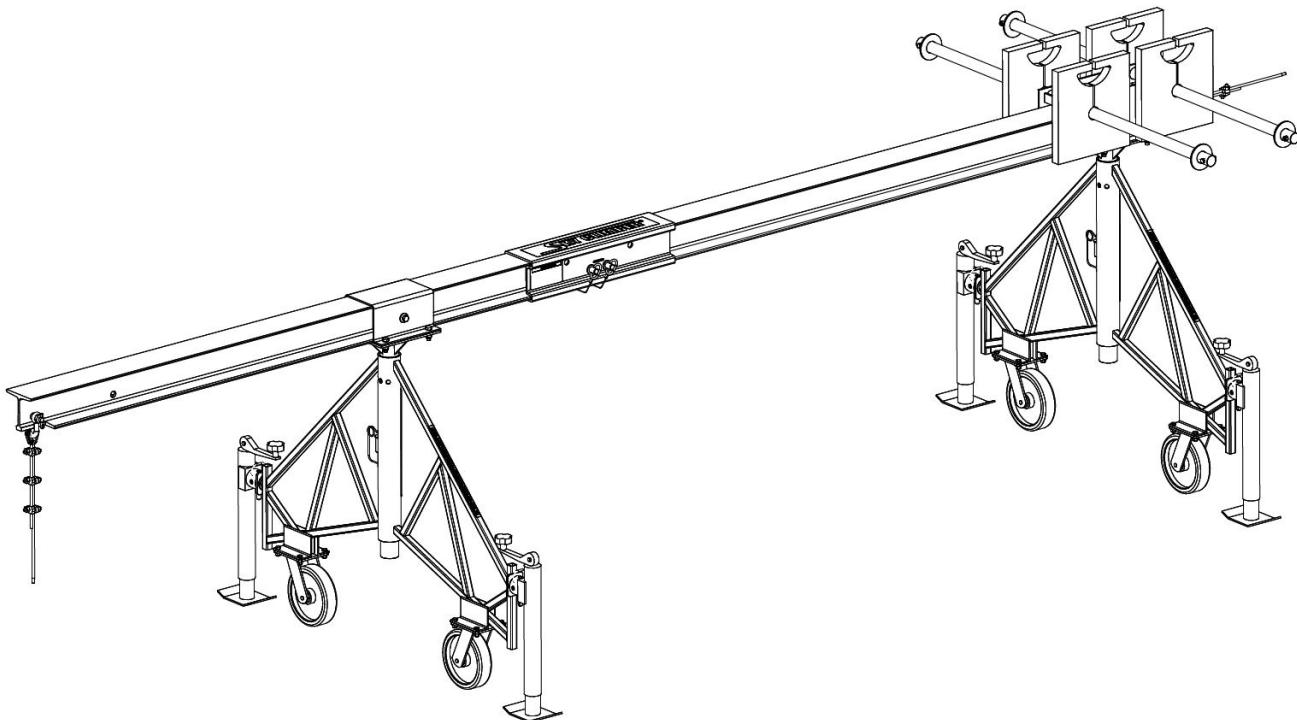


# Rolling Roof Rig Assembly Instructions



Rolling Roof Rig, Corner Adaptor, and Beam Splice Tube Packages

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# SAFETY CHECKLIST

## TO OWNERS AND DISTRIBUTORS

It is imperative that this manual be given to the erector and/or operator of Sky Climber equipment and that they read, fully understand, and follow all instructions contained herein.

### 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 themselves or others.

#### DAILY CHECKLIST

Prior to use, check Sky Climber Hoists, Sky Locks, wire rope and other equipment for wear. DO NOT use hoists or Sky Locks which are damaged or worn beyond normal tolerances.

Ascertain that:

- Instructions are kept with the unit at all times. Additional copies are available – contact Sky Climber.
- All Warning and Rating labels are in place, legible, and have been read.
- Roof rigging load is adequately distributed over the roof or parapet.
- Counterweights are non-flowable type, secure and in the correct quantities.
- Cornice hooks, parapet clamps, or outriggers are secured and tied back. Tiebacks are tight and straight back or two opposing tie-backs are used (contact Sky Climber Engineering for details).
- Wire rope inspected and is not kinked, bird-caged, or otherwise damaged or overly worn.
- Minimum of three (3) J-Clamps / fist grips are used and are properly torqued. (Four J-Clamps are required for round thimbles).
- Suspended platform hoist is connected to proper power source.
- Hoist drain holes on bottom are open. Check that fasteners are properly installed and air hoist oil level in lubricator of hoist is acceptable.
- Sky Lock, Hoist Load, Controlled Descent, and Emergency Stop tests performed and acceptable.
- Make sure ALL fall protection equipment is damage-free and in good condition.



**SAFETY IS THE RESPONSIBILITY OF BOTH OWNERS AND  
OPERATORS OF THIS EQUIPMENT.**

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## Counterweights

16-foot Rolling Roof Rig

### NO. OF 50LB COUNTERWEIGHTS REQUIRED PER BEAM ASSEMBLY

COUNTER-WEIGHTS (50#)	OUTREACH - FEET									RATED LOAD OF HOIST (LBS)
	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5		
	30	26	22	18	15	12	10	7		750
	40	34	29	24	20	16	13	9		1000
	N/A	N/A	N/A	30	25	20	16	11		1250
	N/A	N/A	N/A	N/A	30	24	19	14		1500
N/A - OUTREACH IS NOT ALLOWED FOR RATED HOIST										

24-foot Rolling Roof Rig

### NO. OF 50LB COUNTERWEIGHTS REQUIRED PER BEAM ASSEMBLY

COUNTER-WEIGHTS (50#)	OUTREACH - FEET									RATED LOAD OF HOIST (LBS)
	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5		
	17	15	13	11	9	8	6	5		750
	22	20	17	15	12	10	8	6		1000
	N/A	N/A	N/A	18	15	13	10	7		1250
	N/A	N/A	N/A	N/A	18	15	12	9		1500
N/A - OUTREACH IS NOT ALLOWED FOR RATED HOIST										

24-foot Rolling Roof Rig WITH Strongback

### NO. OF 50LB COUNTERWEIGHTS REQUIRED PER BEAM ASSEMBLY

COUNTER-WEIGHTS (50#)	OUTREACH - FEET											RATED LOAD OF HOIST (LBS)
	8.0*	7.5*	7.0*	6.5*	6.0	5.5	5.0	4.5	4.0	3.5		
	34	30	28	25	22	20	18	15	13	12		750
	N/A	N/A	37	33	30	26	23	20	18	15		1000
	N/A	N/A	N/A	N/A	37	33	29	25	22	19		1250
	N/A	N/A	N/A	N/A	N/A	N/A	35	30	26	23		1500
N/A - OUTREACH IS NOT ALLOWED FOR RATED HOIST												
* OUTREACHES GREATER THAN 6.5FT REQUIRE (2) SPLICE PLATES AT FRONT CONNECTOR, BOLTS, AND LOCKING NUTS												