SKYJACK™

OPERATING MANUAL

This manual MUST be kept and stored with the aerial platform at all times.



SJIII Series

The Compacts and Conventionals

Models 32xx, 32xxM, 46xx

And 68xx

For Service please call ***800 275-9522***
Skyjack Inc. Service Center, 3451 Swenson Ave., St. Charles, IL. 60174 *FAX 630 262-0006*
For Parts in North America and Asia please call ***800 965-4626***
Skyjack Inc. Parts Center, 3451 Swenson Ave., St. Charles, IL. 60174 ..... *FAX 888 782-4825*
For Parts & Service in Europe please call ***31 297 255 526***
Skyjack Europe Communicatieweg 29, 3641 SG Mijdrecht Netherlands ..... *FAX 31 297 256 948*

129908AB-A Printed in Canada February 2004

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2-6. Folding Guardrail System

Fold-Down Guardrail System - This system, when folded down, reduces the retracted height of the aerial platform for transporting and traveling through doorways only.



Figure 2-1. Fold-Down Guardrail System

> **Warning**
>
> The scissors must be fully lowered before raising or lowering the guardrails.

1. **Guardrail Locking Pin With Lanyard -** To fold the guardrail system down, remove the locking pin at each pivot point and lower each guardrail. To raise the guardrail system, swing up each guardrail and lock in place with the locking pins ensuring that the detent ball of each pin is all the way through and clear of the side of the pivot brackets. (Refer to "Figure 2-1")

> **Warning**
>
> Before operating this aerial platform check the guardrail system for loose or missing locking pins. The guardrail system must be upright and all pins must be locked in place. Death or serious injury could result if the guardrail system is not upright or properly locked.

2-7. Maintenance Support/ Safety Bar

Maintenance Support - The maintenance support is designed to support the scissors assembly. When properly positioned it can support the scissors and empty platform. The Maintenance Support MUST be used when inspection and maintenance or repairs are to be performed within the lifting mechanism.



Figure 2-2. Maintenance Support/ Safety Bar

> **Warning**
>
> The maintenance support must be used when inspection and maintenance or repairs are to be performed within the lifting mechanism.
> Failure to use this safety mechanism could result in death or serious injury.

Proper Use Of Maintenance Support/Safety Bar

- Remove all material from platform.
- Raise platform until there is adequate clearance to swing down the maintenance support.
- Swing maintenance support down from storage bracket into a vertical position.
- Remove hands and arms from scissors area.
- Lower platform until bottom end of maintenance support contacts the labeled cross bar and scissors are supported by maintenance support .
- Turn off Emergency Main Power Disconnect Switch.

To Store Back The Maintenance Support/Safety Bar

- Turn on Emergency Main Power Disconnect Switch.
- Raise platform until there is adequate clearance to swing up the maintenance support.
- Swing bar up into storage bracket.
- Lower platform.

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Start And Operation

Warning

An operator should not use any aerial platform *That:*

- Does not appear to be working properly.
- Has been damaged or appears to have worn or missing parts.
- Has alterations or modifications not approved by the manufacturer.
- Has safety devices which have been altered or disabled.

Failure to avoid these hazards could result in death or serious injury.

2-22. Setting the Base Controls:

1. Turn the Emergency Main Power Disconnect Switch to "ON" position.

2. **(If Equipped) -** At the base control box, pull out Emergency Stop Button.

3. **Using the controls on the platform:**

3a. Use the ladder of the aerial platform to access the aerial platform deck. Close and latch the chain/gate.

3b. At the main control box, pull out the Emergency Stop Button.

3c. Turn key switch to "ON" position.

3d. **(If Equipped) -** Turn key switch to "PLATFORM" position.

4. **To Raise the Platform:**

Warning

Be aware of overhead obstructions or other possible hazards around the machine when lifting.

4a. Ensure the emergency stop button is pulled out. Select "LIFT" position with the Lift/Off/Drive Toggle Switch.

4b. Activate and hold the Enable trigger switch (by squeezing it towards the joystick).

4c. Push the controller handle forward until desired height is reached.

4d. Return the joystick to the neutral center position to stop. Release the Enable trigger switch.

Warning

To protect against unintended movement of the aerial platform, push in the emergency stop button after you have arrived at your desired location or elevation.

Note

If the tilt alarm sounds and the platform does not, or only partially raises, immediately lower the platform and ensure that the machine is on a firm **LEVEL** surface.

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Table 2-3. Owner's Annual Inspection Record

Model Number_____				Serial Number_____				
Recording Date								
Recording Year #	1	2	3	4	5	6	7	8
Owner's Name								
Inspected By								

60141AA

As described earlier in this section, this decal is located on the scissor assembly. It must be completed after an annual inspection has been completed. Do not use the aerial platform if an inspection has not been recorded in the last 13 months.

Table 2-4. Maximum Platform Capacities (Evenly Distributed)

MODEL	Manual Extension Platform				Powered Extension Platform			
	Main Platform		Extension Platform		Main Platform		Extension Platform	
3215	250 lbs (113kg)	1 Person	250 lbs (113kg)	1 Person	N/A	N/A	N/A	N/A
3219	250 lbs (113kg)	1 Person	250 lbs (113kg)	1 Person	N/A	N/A	N/A	N/A
3220 3220 M	600 lbs (272 kg)	1 Person	300 lbs (136 kg)	1 Person	500 lbs (227 kg)	1 Person	300 lbs (136 kg)	1 Person
3226 3226 M	250 lbs (113 kg)	1 Person	250 lbs (113 kg)	1 Person	N/A	N/A	N/A	N/A
4620	1000 lbs (454 kg)	2 Person	300 lbs (136 kg)	1 Person	1000 lbs (454 kg)	2 Person	300 lbs (136 kg)	1 Person
4626	700 lbs (318 kg)	2 Person	300 lbs (136 kg)	1 Person	700 lbs (318 kg)	2 Person	300 lbs (136 kg)	1 Person
4632	450 lbs (204 kg)	1 Person	250 lbs (113 kg)	1 Person	N/A	N/A	N/A	N/A
6826 (ANSI&CSA)	900 lbs (408 kg)	2 Person	300 lbs (136 kg)	1 Person	700 lbs (317 kg)	2 Person	300 lbs (136 kg)	1 Person
6826 (CE)	700 lbs* (317 kg)	2 Person	300 lbs (136 kg)	1 Person	700 lbs (317 kg)	2 Person	300 lbs (136 kg)	1 Person
6832	550 lbs** (249 kg)	2 Person	300 lbs (136 kg)	1 Person	550 lbs** (249 kg)	2 Person	300 lbs (136 kg)	1 Person

60315AA

NOTE: Overall capacity - Occupants and materials not to exceed rated load.

Warning

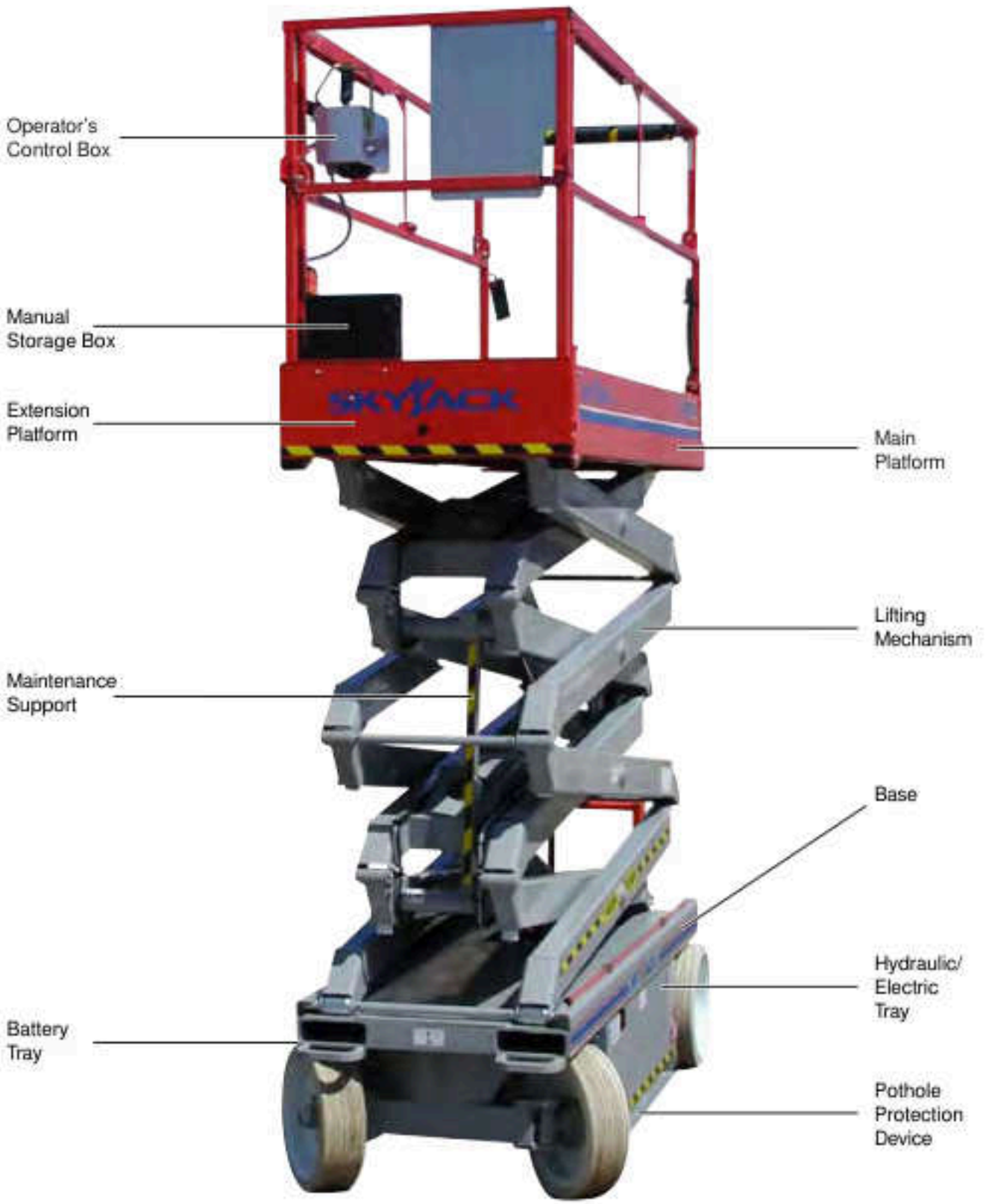
This aerial platform is equipped with a Overload Sensing System. Do not exceed the rated capacity of the aerial platform. Failure to avoid this will prevent operation of all normal controls/functions of the aerial platform. **To resume normal operation remove the additional loads.**





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1-3. Major Components



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1-19. Safety Precautions (Continued)

Know And Understand The Safety Precautions Before Going On To Next Section.

- **DO NOT** operate on surfaces not capable of holding the weight of the aerial platform including the rated load, e.g. covers, drains, and trenches.

- **DO NOT** operate an aerial platform that has ladders, scaffolding or other devices mounted on it to increase its size or work height. It is prohibited.



- **DO NOT** exert side forces on aerial platform while elevated.



- **DO NOT** use the aerial platform as a crane. It is prohibited.



- **DO NOT** sit, stand or climb on the guardrails. It is prohibited.



- **DO NOT** climb on scissor arm assembly. It is prohibited.



- **BE AWARE** of overhead obstructions or other possible hazards around the aerial platform when driving or lifting.



- **DO NOT** raise the aerial platform while the machine is on a truck, fork lift or other device or vehicle.



- **BE AWARE** of crushing hazards. Keep all body parts inside platform guardrail.



- **DO NOT** lower the platform unless the area below is clear of personnel and obstructions.



- **ENSURE** that there are no personnel or obstructions in the path of travel, including blind spots.



- **BE AWARE** of blind spots when operating the aerial platform.
- **STUNT** driving and horseplay are prohibited.
- **ENSURE ALL** tires are in good condition and lug nuts are properly tightened.
- **DO NOT** alter or disable limit switches or other safety devices.
- **DO NOT** use the aerial platform without guardrails, lock pins and the entry gate/chain/bar in place.
- **DO NOT** exceed the rated capacity of the aerial platform. Do make sure the load is evenly distributed on the platform.

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