SKYJACK

OPERATING MANUAL
ANSI/CSA

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



SJIII Series

Operating Manual - ANSI/CSA

Compacts and Conventionals

Models 32xx, 46xx and 68xx

For Service please call ***800 275-9522***

Skyjack Service Center, 3451 Swenson Ave., St. Charles, IL 60174, USA .... *FAX 630 262-0006*

For Parts in North America and Asia please call ***800 965-4626***

Skyjack Parts Center, 3451 Swenson Ave., St. Charles, IL 60174, USA..... *FAX 888 782-4825*

For Parts & Service in Europe please call ***44-1691-676-235***

Skyjack Europe, Glovers Meadow, Maesbury Rd., Oswestry, Shropshire, U.K ..... *FAX 44-1691-676-239*

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2.10-5 To Steer

1. Activate platform control console (refer to Section 2.10-2).
2. On platform control console, select lift/off/drive switch to "↓" drive position.
3. Activate and hold "" enable trigger switch.
4. Press "" rocker switch on top of controller handle in either direction to steer.

NOTE

Steering is not proportional. Driving and steering may be active at the same time.

2.10-6 To Select Drive Torque (If Equipped)

1. **High Torque:** Select high torque when climbing grades or when loading or unloading the aerial platform. To activate high torque, select high/low torque switch to "" high torque (low speed) position.

⚠ WARNING

Aerial platform must be in fully retracted position when operated on any grade. Driving while elevated on any grade may result in death or serious injury.

2. **Low Torque:** Select low torque when traveling on flat surface. To activate low torque, select high/low torque switch to "" low torque (high speed) position.

⚠ WARNING

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

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2.16 Maintenance Support Procedure

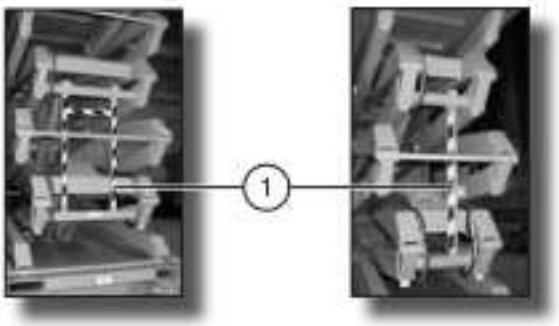


Figure 2-25. Maintenance Support

1. **Maintenance Support** - The maintenance support is a safety mechanism designed to support the scissor assembly. When properly positioned it can support the scissor assembly and empty platform. The maintenance support must be used when inspection and/or maintenance is to be performed within the lifting mechanism.

⚠ WARNING

The maintenance support must be used when inspection and/or 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

1. Remove all material from platform.
2. Raise platform until there is adequate clearance to swing down maintenance support.
3. Swing maintenance support down from storage bracket into a vertical position.
4. Remove hands and arms from scissors area.
5. Lower platform until bottom end of maintenance support contacts the labeled cross bar and scissors are supported by maintenance support.
6. Turn emergency main power disconnect switch to "◯" off position.

To Store the Maintenance Support

1. Turn emergency main power disconnect switch to "|" on position.
2. Raise platform until there is adequate clearance to swing up the maintenance support.
3. Swing bar up into storage bracket.
4. Lower the platform.

⚠ WARNING

Do not reach through the scissor assembly when the platform is raised without the maintenance support properly positioned. Failure to avoid this hazard could result in death or serious injury.

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Table 2.5 Maximum Platform Capacities (Evenly Distributed)

MODEL	Manual Extension Platform				Powered Extension Platform			
	Total Capacity		Extension Capacity		Total Capacity		Extension Capacity	
3215	600 lb. 272 kg	2 Persons	250 lb. 113 kg	1 Person	N/A			
3219	550 lb. 249 kg	2 Persons	250 lb. 113 kg	1 Person	N/A			
3220	900 lb. 408 kg	2 Persons	300 lb. 136 kg	1 Person	800 lb. 363 kg	2 Persons	300 lb. 136 kg	1 Person
3226	500 lb. 227 kg	2 Persons	250 lb. 113 kg	1 Person	N/A			
4620	1300 lb. 590 kg	3 Persons	300 lb. 136 kg	1 Person	1300 lb. 590 kg	3 Persons	300 lb. 136 kg	1 Person
4626	1000 lb. 454 kg	3 Persons	300 lb. 136 kg	1 Person	1000 lb. 454 kg	3 Persons	300 lb. 136 kg	1 Person
4632	700 lb. 318 kg	2 Persons	250 lb. 113 kg	1 Person	N/A			
6826	1200 lb. 544 kg	3 Persons	300 lb. 136 kg	1 Person	1000 lb. 454 kg	3 Persons	300 lb. 136 kg	1 Person
6832	850 lb. 386 kg	3 Persons	300 lb. 136 kg	1 Person	850 lb. 386 kg	3 Persons	300 lb. 136 kg	1 Person

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





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Table 2.4 Floor Loading Pressure

MODEL		Total Aerial Platform Weight		Total Aerial Platform Load					
				Wheel		LCP**		OUP**	
		lb.	kg	lb.	kg	psi	KPa (kN/m²)	psf	KPa (kN/m²)
3215	min*	2400	1089	960	435	100	689.48	160	7.66
	max*	3000	1361	1200	544	110	758.42	200	9.58
3219	min*	2580	1170	1032	468	100	689.48	170	8.14
	max*	3130	1420	1252	568	110	758.42	210	10.05
3220	min*	3400	1542	1396	633	110	758.42	175	8.38
	max*	4299	1950	1936	878	130	896.32	245	11.73
3226	min*	4100	1860	1644	746	120	827.37	210	10.05
	max*	4610	2091	1844	836	130	896.32	235	11.25
4620	min*	4110	1864	1464	664	191	1316.90	146	6.99
	max*	5620	2549	1904	864	223	1537.53	199	9.53
4626	min*	4790	2173	1948	884	211	1454.79	171	8.19
	max*	5340	2422	2288	1038	235	1620.27	191	9.15
4632	min*	5068	2299	2112	958	208	1434.11	180	8.62
	max*	5768	2616	2392	1085	220	1516.85	204	9.77
6826	min*	5220	2368	2088	947	78	537.79	112	5.36
	max*	6420	2912	2568	1165	84	579.16	137	6.56
6832	min*	5870	2663	2348	1065	82	565.37	125	5.99
	max*	7070	3207	2829	1283	94	648.11	151	7.23

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* **min** - Total aerial platform weight with no options

max - Aerial platform weight + all options + full capacity

** **LCP - Locally Concentrated Pressure** is a measure of how hard the aerial platform presses on the areas in direct contact with the floor. The floor covering (tile, carpet, etc.) must be able to withstand more that the indicated values above.

OUP - Overall Uniform Pressure is a measure of the average load the aerial platform imparts on the whole surface directly underneath it. The structure of the operating surface (beams, etc.) must be able to withstand more than the indicated values above.

NOTE:

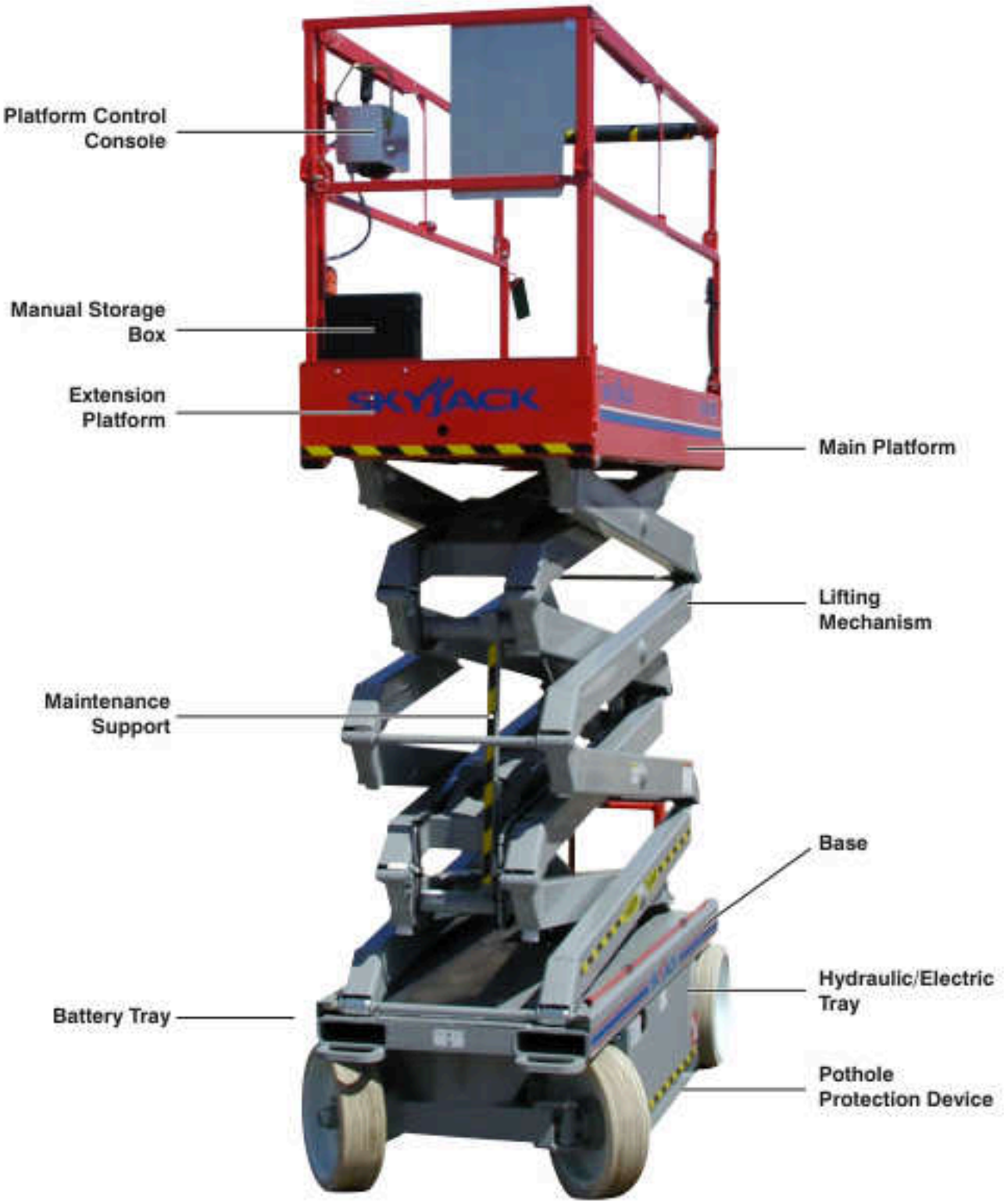
The **LCP** or **OUP** that an individual surface can withstand varies from structure to structure and is generally determined by the engineer or architect for that particular structure.





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2.2 Major Components



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