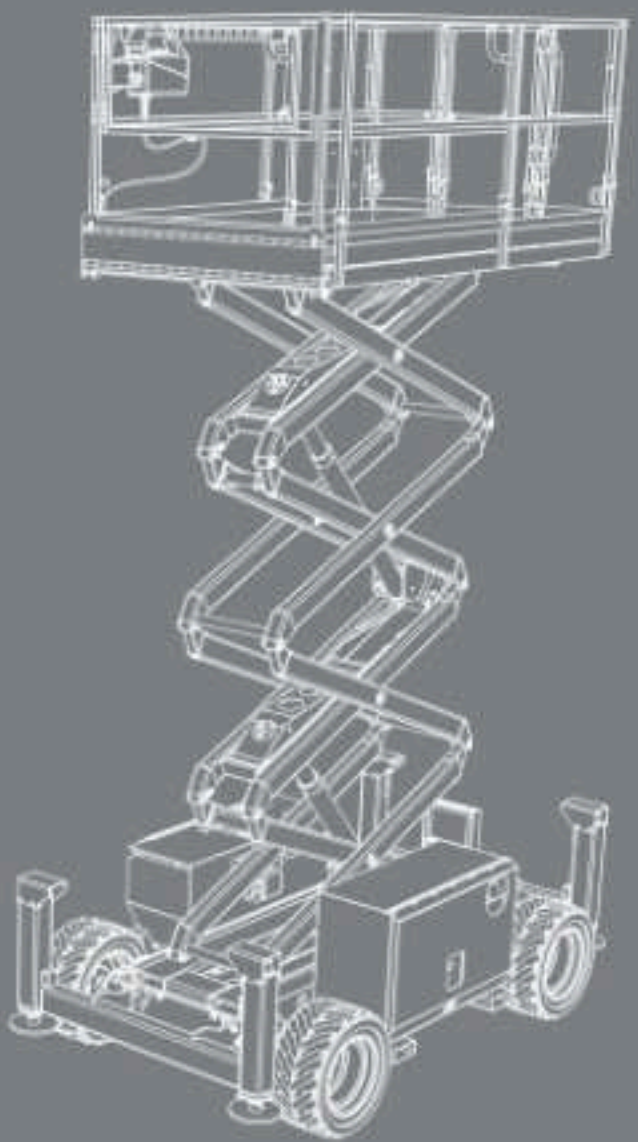
SKYJACK

OPERATION MANUAL

SJ6826 RT, SJ6832 RT

ROUGH TERRAIN SCISSORS



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ANSI/CSA

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5.2 Raise or lower the platform with the base control console

1. Energize the base control console (refer to *section 5.1*).
2. Turn and hold the **idle/platform/base key** switch to the base position.

⚠ WARNING

Look for overhead obstructions or other possible hazards around the MEWP when you raise the platform. Do not lower the platform unless the area below is clear of personnel and obstructions. If you do not obey, there is a risk of death or serious injury.

3. Move the **lower/neutral/raise** switch to the raise or lower position and hold it to raise or lower the platform. Release the switch to stop.

5.3 Energize the platform control console

1. Turn the **main power disconnect** switch to the on position.

⚠ WARNING

If you do not hear a beep, and the light does not come on, lock and tag the MEWP. Remove the MEWP for servicing. If you do not obey, there is a risk of death or serious injury.

2. Pull the **emergency-stop** button on the base control console.
3. Turn the **idle/platform/base key** switch to the platform position.

⚠ WARNING

Fall Hazard. Use the three points of contact principle when you use the MEWP ladder to enter or exit the platform. If you do not obey, there is a risk of death or serious injury.

4. Use the MEWP ladder to enter the platform.
5. Close the gate.
6. Pull the **emergency-stop** button on the platform control console.
7. Start the engine.

5.4 Raise or lower the platform with the platform control console

⚠ WARNING

Look for overhead obstructions or other possible hazards around the MEWP when you raise the platform. Do not lower the platform unless the area below is clear of personnel and obstructions. If you do not obey, there is a risk of death or serious injury.

1. Move the **lift/off/drive** switch to the lift position.
2. Squeeze and hold the **function-enable** switch.
3. Move the **controller handle** forward or rearward to go to the necessary height.

NOTE

The lower function is not proportional.

4. Move the **controller handle** to the neutral central position to stop. Release the **function-enable** switch.

⚠ WARNING

Push the emergency-stop button when you are at the necessary location or elevation. This prevents unintended MEWP movement. If you do not obey, there is a risk of death or serious injury.

⚠ WARNING

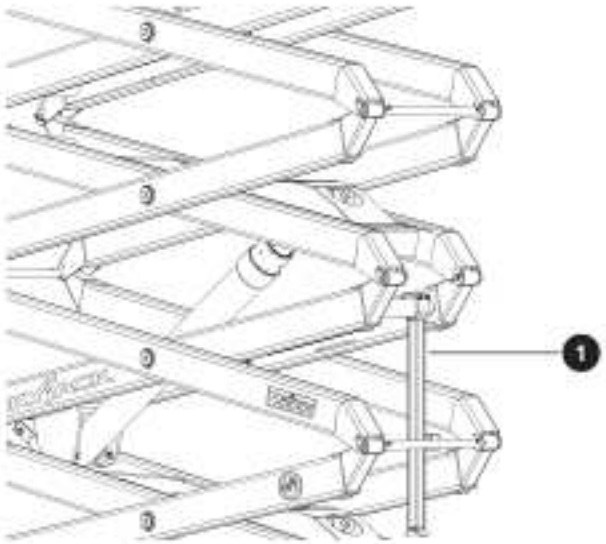
If the tilt alarm makes a sound, and the platform does not raise or does not fully raise:

1. **Fully lower the platform immediately.**
2. **Make sure the MEWP is on a firm, level surface.**

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6.8 Use the maintenance support

The maintenance support ❶ is a mechanism on the scissor assembly. When it is in the correct position, it holds the scissor assembly and an empty platform.



⚠ WARNING

Use the maintenance supports when you do an inspection and/or maintenance or repairs in the confines of the lift mechanism. If you do not use the support, there is a risk of death or serious injury.

⚠ WARNING

Look for overhead obstructions or other possible hazards around the MEWP when you raise the platform. Do not lower the platform unless the area below is clear of personnel and obstructions. If you do not obey, there is a risk of death or serious injury.

⚠ WARNING

Crush hazard. Do not put parts of your body through the scissor assembly unless the maintenance support is correctly deployed. If you do not obey, there is a risk of death or serious injury.

6.8-1 Deploy the maintenance support

1. Remove all personnel and material from the platform.
2. Raise the platform until there is adequate clearance to deploy the maintenance support.
3. Deploy the maintenance support from the storage bracket into a vertical position.
4. Make sure that the scissors assembly area has no obstructions.
5. Lower the platform until the bottom end of the maintenance support touches the crossbar and the platform stops.
6. Turn the main power disconnect switch to the off position.

⚠ WARNING

Look for overhead obstructions or other possible hazards around the MEWP when you raise the platform. Do not lower the platform unless the area below is clear of personnel and obstructions. If you do not obey, there is a risk of death or serious injury.

6.8-2 Store the maintenance support

1. Turn the main power disconnect switch to the on position.
2. Retract the platform until there is adequate clearance to raise the maintenance support.
3. Retract the maintenance support into the storage bracket.
4. Fully lower the platform.

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7.3 Specifications

Models	SJ6826 RT	SJ6832 RT
Weight (Without Outriggers)*	3007 kg (6629 lb)	3443 kg (7590 lb)
Weight (With Outriggers)*	3454 kg (7614 lb)	3594 kg (7923 lb)
Overall Width	1.765 m (69.5 in)	
Overall Length (Platform Retracted)	2.720 m (107 in)	
Overall Length (Platform Extended)	4.110 m (162 in)	
Platform Length, Inside (Platform Retracted)	2.440 m (96 in)	
Platform Length, Inside (Platform Extended)	3.900 m (153 in)	
Height		
Working Height	9.7 m (31.7 ft)	11.5 m (37.6 ft)
Platform Elevated Height	7.8 m (25.7 ft)	9.6 m (31.6 ft)
Stowed Height (Railings Up)	2.370 m (93.5 in)	2.510 m (99 in)
Stowed Height (Railings Down)	1.620 m (63.5 in)	1.750 m (69 in)
Drive Height (Maximum)	FULL	
Standard operating times		
Lift Time (No Load)	32 - 36 sec	32 - 36 sec
Lower Time (No Load)	42 - 50 sec	44 - 48 sec
Lift Time (Rated Load)	34 - 38 sec	37 - 41 sec
Lower Time (Rated Load)	34 - 38 sec	34 - 38 sec
Lift Pressure	172-193 bar (2500-2800 psi)	
Chassis		
Normal Drive Speed	5.78 - 6.10 km/h (3.59 - 3.79 mph)	
Elevated Drive Speed	0.52 - 0.61 km/h (0.32 - 0.38 mph)	
Gradeability (Ramp Angle)	50%	40 %
Tires (Foam Filled)	30.5 cm x 66 cm (12 in x 26 in)	
Engine (RPM)		
Kubota Diesel/Dual Fuel	3500 (High Throttle)/2050 (Low Throttle)	
Fuel Tank Capacity	80 L (21 gal)	
Hydraulic oil		
Type	ATF Dexron III	
Tank Capacity	71 L (18.8 gal)	
Guaranteed Sound Power Level	96 dB(A)	
Emission sound pressure level at platform does not exceed 70 dB(A).		
Vibration - acceleration to which operator's body is subjected does not exceed 0.5 m/sec^2.		

* *Weights are approximate, refer to serial nameplate for specific weight.*

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DO NOT drive elevated near depressions or holes of any type, loading docks, debris, drop-offs or surfaces that may affect the stability of the MEWP.

IF OPERATION IN AREAS WITH HOLES OR DROP-OFFS IS ABSOLUTELY NECESSARY, elevated driving shall not be allowed. Position the MEWP horizontally only with the platform fully-lowered. After ensuring that all 4 wheels or outriggers (optional equipment) have contact with a firm, level surface, the platform can be raised. After elevation, the drive function must not be activated.

DO NOT ascend or descend grades greater than the maximum inclines listed in *section 7.3*. Ascending or descending slopes must only be done when fully lowered.



DO NOT operate a MEWP that has ladders, scaffolding, or other devices on it to increase the platform size or work height.



DO NOT exceed the maximum side force shown on the capacity label when the platform is elevated. Refer to *section 7.4*.



DO NOT use the MEWP as a crane.



DO NOT sit, stand, or climb on the guardrails.



DO NOT climb on the scissor arm assembly.









DO NOT collide or crush. Be aware of obstructions, personnel, or other possible hazards around the MEWP when elevating, lowering, or driving. Keep all body parts inside the platform when elevating or driving. Be aware of blind spots when operating the MEWP.



DO NOT elevate the platform when the MEWP is on a truck, forklift, or other device or vehicle.



DO NOT use the MEWP when the wheels or tires are damaged. Make sure the wheel nuts are tight. Refer to *section 4.2-5*.

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