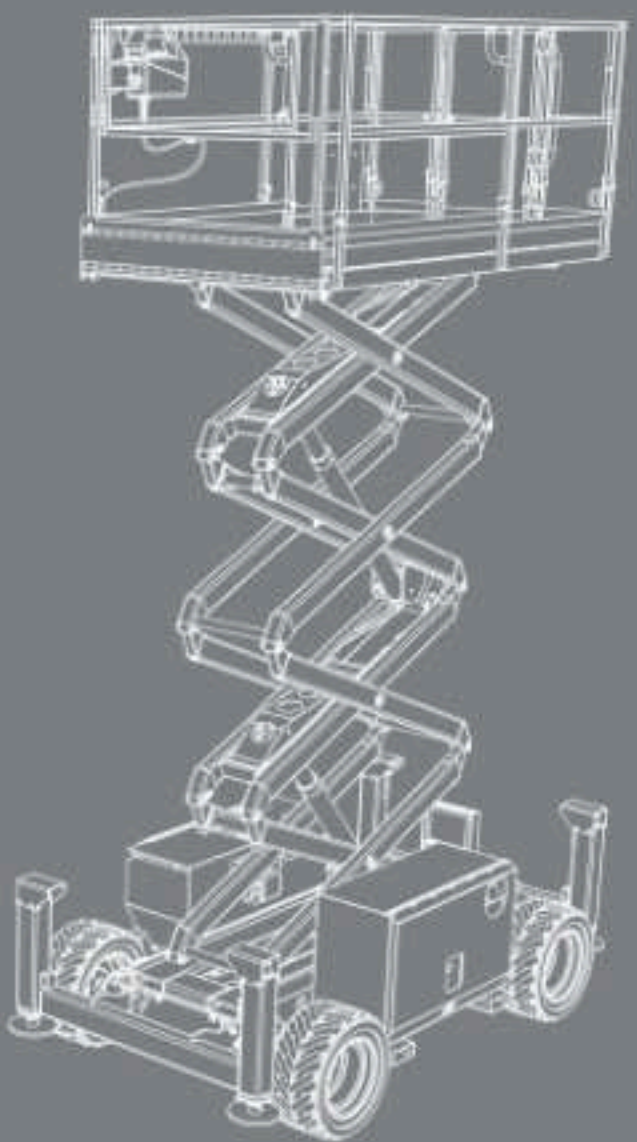
SKYJACK

OPERATION MANUAL

SJ6826 RT, SJ6832 RT

ROUGH TERRAIN SCISSORS



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ANSI/CSA

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Table of Contents

Section 1 – About this Mobile Elevating Work Platform (MEWP) 9

1.1 Read and heed 9

1.1-1 Mobile Elevating Work Platform (MEWP) definition 9

1.1-2 Purpose of equipment 9

1.1-3 Use of equipment 9

1.1-4 Operation manual 9

1.1-5 Operator 9

1.1-6 Service policy and warranty 9

1.1-7 Ownership of MEWP 9

1.1-8 Optional equipment 9

1.1-9 Scope of this manual 10

1.2 Primary assemblies 11

1.3 Serial number nameplate 12

1.4 Maintenance responsibility 13

1.4-1 Operator 13

1.4-2 Maintenance and inspection schedule 13

1.4-3 Owner 13

Section 2 – General Safety Precautions 15

2.1 Electrocution hazards 15

2.1-1 Minimum distance from electrical conductors 15

2.2 Safety instructions 16

2.3 Fall-protection 19

2.4 Worksite inspection 19

Section 3 – Familiarization 21

3.1 Overview of the MEWP 22

3.2 Manual storage box 23

3.3 Control functions 23

3.3-1 Main power disconnect switch 23

3.3-2 Base control console 24

3.3-3 Platform control console 25

3.4 Features and devices 26

3.4-1 Lowered travel position and elevated travel position 26

3.4-2 Drive speed 26

3.4-3 Tilt switch 26

3.4-4 Brake release system 26

3.4-5 Freewheeling valve 27

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3.4-6 Emergency-lowering switch . . . 27
3.4-7 Fall-protection anchorage . . . 28
3.4-8 Platform load-sensing system . . . 28
3.4-9 Maintenance support . . . 29
3.4-10 Propane cylinder . . . 29
3.4-11 Auto-level system(optional equipment) . . . 29
3.5 General components . . . 29
3.5-1 AC power socket on the platform . . . 29
3.5-2 Folding guardrail system . . . 29
3.5-3 Extension platform . . . 30
3.5-4 Motion alarm . . . 30
3.6 Optional equipment . . . 30
3.6-1 Secondary Guarding Lift Enable (SGLE) push-button . . . 30
3.6-2 Elevate™ telematics - access control unit . . . 31
3.6-3 Hydraulic generator (if equipped) . . . 32
3.6-4 Dual flashing lights: . . . 32
3.6-5 Cold Weather Start Package: . . . 32

Section 4 – Inspections Before Operation . . . 33
4.1 Operator's Responsibility . . . 33
4.2 Visual and daily maintenance inspections . . . 34
4.2-1 Labels . . . 34
4.2-2 Electrical . . . 34
4.2-3 Hydraulic . . . 34
4.2-4 Base . . . 35
4.2-5 Wheels/Tires . . . 35
4.2-6 Engine compartment . . . 36
4.2-7 Hydraulic compartment . . . 38
4.2-8 Platform assembly . . . 39
4.2-9 Lift mechanism . . . 40
4.3 Function Tests . . . 41
4.4 Operator's Checklist . . . 47

Section 5 – Operation . . . 49
5.1 Energize the base control console . . . 49
5.2 Raise or lower the platform and outriggers with the base control console . . . 50
5.3 Energize the platform control console . . . 50
5.4 Raise or lower the platform with the platform control console . . . 51
5.5 Raise and lower with the SGLE platform control console (optional equipment) . . . 51
5.6 Drive forward or rearward . . . 51
5.7 Operate the horn . . . 51
5.8 Steer . . . 52
5.9 Select the level-drive or inclined-drive mode . . . 52

MidWestTech | Skyjack SJ6826 RT, SJ6832 RT Rough Terrain Scissor Lift Operation Manua... Order the manual at mid-west-tech.com >

5.10 Extend/retract the extension platform . . . 52
5.11 Use the auto-level (optional equipment) . . . 53
5.12 Start and stop the generator (optional equipment) . . . 53
5.13 MEWP shutdown . . . 54

Section 6 – Additional Procedures . . . 55

6.1 Use the emergency-lowering function . . . 55
6.2 Release the brakes manually . . . 55
6.3 Winch and tow the MEWP . . . 56
6.4 Move the MEWP for transport . . . 57
6.4-1 Lift the MEWP with a forklift . . . 57
6.4-2 Hoist the MEWP . . . 58
6.4-3 Drive and tie-down the MEWP . . . 59
6.5 Use the platform control console from the ground . . . 60
6.5-1 Disconnect and remove the platform control console . . . 60
6.5-2 Operate the MEWP from the ground . . . 60
6.6 Fold the guardrails . . . 62
6.6-1 Fold the guardrail system down . . . 62
6.6-2 Unfold the guardrail system up . . . 64
6.7 Move the MEWP through a doorway . . . 65
6.8 Use the maintenance support . . . 67
6.8-1 Deploy the maintenance support . . . 67
6.8-2 Store the maintenance support . . . 67
6.9 Refuel . . . 68
6.9-1 Refuel the MEWP with gasoline or diesel . . . 68
6.9-2 Replace the propane cylinder (dual fuel) . . . 68
6.9-3 Remove the propane cylinder . . . 69
6.9-4 Install the propane cylinder . . . 69

Section 7 – Technical Specifications . . . 71

7.1 Standard and optional equipment . . . 71
7.2 Owner's annual inspection record . . . 72
7.3 Specifications . . . 73
7.4 Maximum platform capacities (evenly distributed) . . . 74
7.5 Environment . . . 74
7.6 Floor loading pressure . . . 75

Section 8 – Labels . . . 77

8.1 Engine compartment . . . 78
8.2 Right side . . . 80
8.3 Front side . . . 83
8.4 Left side . . . 85
8.5 Hydraulic/fuel compartment . . . 88

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5.2 Raise or lower the platform and outriggers with the base control console

1. Energize the base control console (refer to *Section 5.1*).
2. Push and hold the **platform lifting/lowering enable** button.
3. Push and hold the **lifting/retracting** button to raise the platform. Push and hold the **lowering/extending** button to lower the platform.
4. Release the buttons to stop.

⚠ 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.

5. Push and hold the **outrigger enable** buttons.
6. Push and hold the **lowering/extending** button to extend the outriggers. Push and hold the **lifting/retracting** button to retract the outriggers.
7. Release the buttons to stop.

NOTE

The outrigger function at the base to be used by service professionals.

⚠ WARNING

Tip-over hazard. Make sure the surface below the tires and outrigger pads is firm and can hold the MEWP and the rated load. Do not put the outrigger pads on street drains, manhole covers, or other unsupported surfaces. If you do not obey, there is a risk of death or serious injury.

NOTE

The drive functions are disabled if the outriggers are not fully retracted.

⚠ CAUTION

If the outrigger alarm makes a sound during operation, immediately lower the platform and put the MEWP on a firm surface. The MEWP must be on a firm surface for you to operate it.

IMPORTANT

Limit switches prevent outrigger damage. If the drive functions are not available, do a visual inspection of the outriggers to make sure they are all fully retracted.

5.3 Energize the platform control console

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

⚠ WARNING

If an error message appears on the display, 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 **off/base/platform key** switch to the platform position.

⚠ WARNING

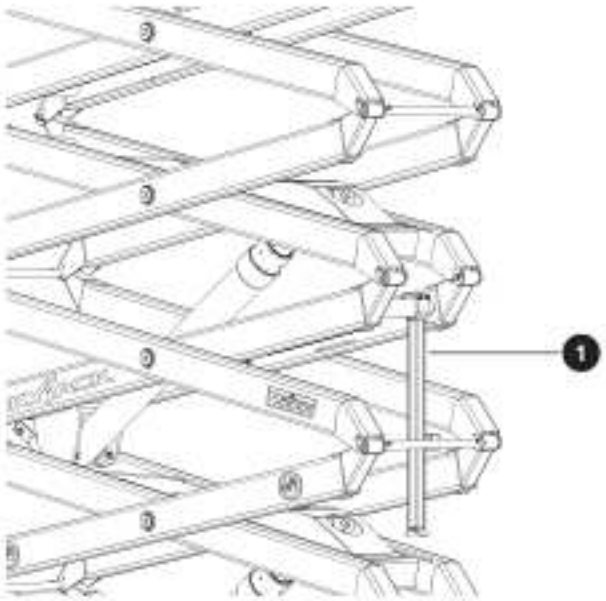
Fall Hazard. Use the three points of contact principle when you use the MEWP ladder to enter or exit the platform. If you do not obey, there is a risk of death or serious injury.

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.

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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 (6630 lb)	3443 kg (7590 lb)
Weight (With Outriggers)*	3454 kg (7615 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 (31.8 ft)	11.5 m (37.8 ft)
Platform Elevated Height	7.8 m (25.8 ft)	9.6 m (31.8 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)	45%	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.		

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* *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.



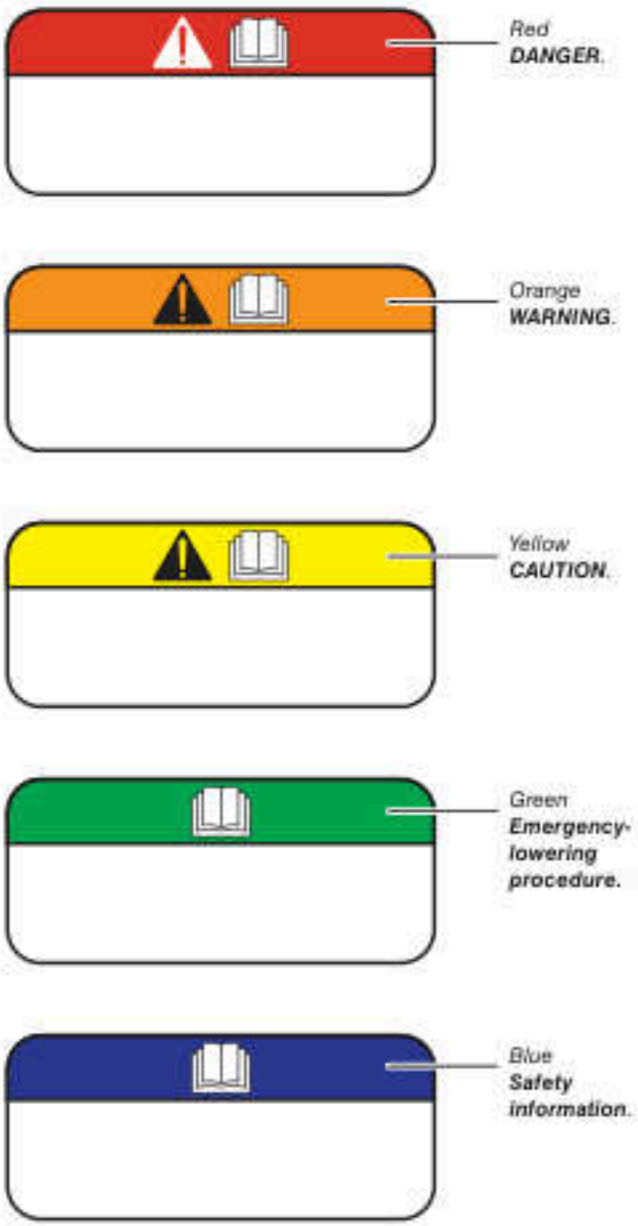
DO NOT elevate the platform when the MEWP is on a truck, forklift, or other device or vehicle.



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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Section 8 – Labels



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