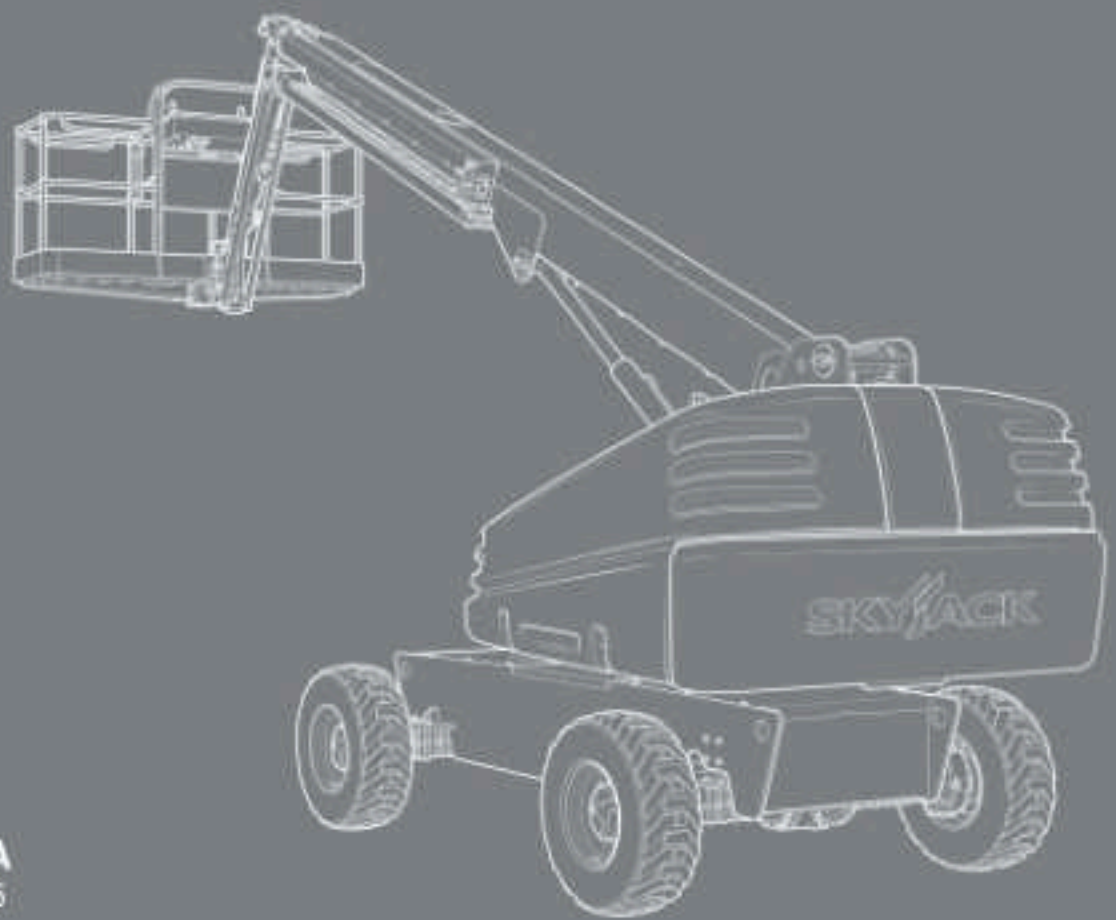
SKYJACK

OPERATION MANUAL

SJ40 T+, SJ45 T+

TELESCOPIC BOOMS



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ANSI/CSA

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5.2 Rotate the platform with the base control console

1. Move and hold the **start/function enable/ emergency power** switch to the **function enable position**.
2. Move the **platform rotation** switch to the left or right. Release the switch to stop.

5.3 Rotate the turret with the base control console

⚠ WARNING

Before you rotate the turret, make sure there are no personnel or obstructions in the path of rotation, which includes blind spots. If you do not obey, there is a risk of death or serious injury.

1. Move and hold the **start/function enable/ emergency power** switch to the **function enable position**.
2. Move the **turret rotation** switch to the left or right to rotate the turret clockwise or counterclockwise. Release the switch to stop.

NOTE

The turret can be rotated 360 degrees continuously.

5.4 Move the jib up and down with the base control console

1. Move and hold the **start/function enable/ emergency power** switch to the **function enable position**.
2. Move the **jib up/down** switch to the up or down position. Release the switch to stop.

5.5 Raise or lower the main boom with the base control console

IMPORTANT

The maximum platform capacity changes with the boom position. The indicator lights on the base and platform control consoles show if the platform is in the high or low capacity zone.

1. Move and hold the **start/function enable/ emergency power** switch to the function enable position.
2. Move the **main boom raise/lower** switch to the raise or lower position. Release the switch to stop.

5.6 Extend or retract the boom with the base control console

IMPORTANT

The platform capacity changes with the boom position and/or capacity derate switch position. The indicator lights on the base and platform control consoles show if the platform is in the high or low capacity zone.

1. Move and hold the **start/function enable/ emergency power** switch to the **function enable position**.
2. Move the **boom extend/retract** switch to the extend or retract position. Release the switch to stop.

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7.6 Environment

Electromagnetic Compatibility (EMC)	Meets requirements of EN ISO 13766-1:2018 and IEC CISPR12:2007+A1:2009
Hazardous Location Rating	MEWP not rated for hazardous locations with potentially flammable gases, explosive gases or particles
Operating Temperatures	
Standard	-20°C (-4°F) to +40°C (+104°F)
Cold Weather Package	Below -10°C (+14°F)
Arctic Weather Package	Below -18°C (0°F)

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7.7 Maximum platform capacities (evenly distributed)

SJ40 T+		Regular Platform Capacity		Derated Platform Capacity*	
High-capacity zone	Capacity	454 kg	1000 lb	454 kg	1000 lb
	Maximum number of people	3	3	1	1
	Manual side force	400 N	90 lbf	200 N	45 lbf
Low-capacity zone	Capacity	340 kg	750 lb	318 kg	700 lb
	Maximum number of people	2	2	1	1
	Manual side force	400 N	90 lbf	200 N	45 lbf
Wind rating	-	12.5 m/s	28 mph	12.5 m/s	28 mph
Tilt cutout setting	side-to-side x front-to-back	5 degrees x 5 degrees		5 degrees x 5 degrees	

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SJ45 T+		Regular Platform Capacity		Derated Platform Capacity*	
High-capacity zone	Capacity	454 kg	1000 lb	454 kg	1000 lb
	Maximum number of people	3	3	1	1
	Manual side force	400 N	90 lbf	200 N	45 lbf
Low-capacity zone	Capacity	300 kg	660 lb	272 kg	600 lb
	Maximum number of people	2	2	1	1
	Manual side force	400 N	90 lbf	200 N	45 lbf
Wind rating	-	12.5 m/s	28 mph	12.5 m/s	28 mph
Tilt cutout setting	side-to-side x front-to-back	5 degrees x 5 degrees		5 degrees x 5 degrees	

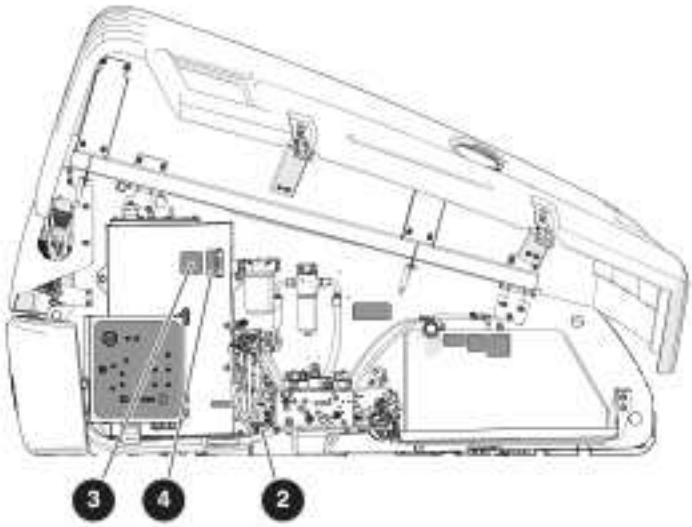
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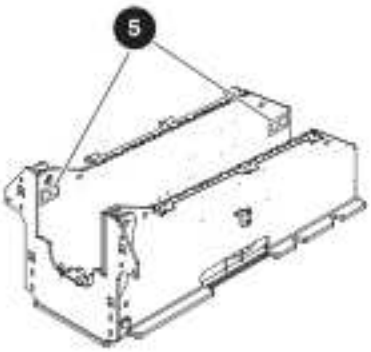
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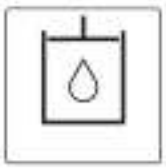
Refer to sections 5.23 and 5.24 for the capacity derate switch operation.

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Control compartment (continued)





Description	Label Pictorial
2 Grease point maintenance Refer to the service manual for how to lubricate the MEWP.	
3 Hydraulic oil Replace the hydraulic fluid with the approved type (refer to the service manual).	
4 Hydraulic oil level Shows the minimum and maximum hydraulic oil level.	
5 Warning - maintenance support Do not enter the space below the work platform or extending structure during maintenance unless a support structure is in position. Refer to the service manual for the instructions on machine power isolation and structure support during maintenance.	

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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 have contact with a firm, level surface, the platform can be raised. After elevation, the drive function must not be activated.



DO NOT drive elevated on a soft or uneven surface.

DO NOT raise the platform if it is not on a firm, level surface.



DO NOT ascend or descend grades greater than the maximum inclines listed in *Section 7.4*. 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 on the platform capacity label when elevated (refer to *Section 7.7*).



DO NOT use the MEWP as a crane.



DO NOT step on the boom arm assembly.



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









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.

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