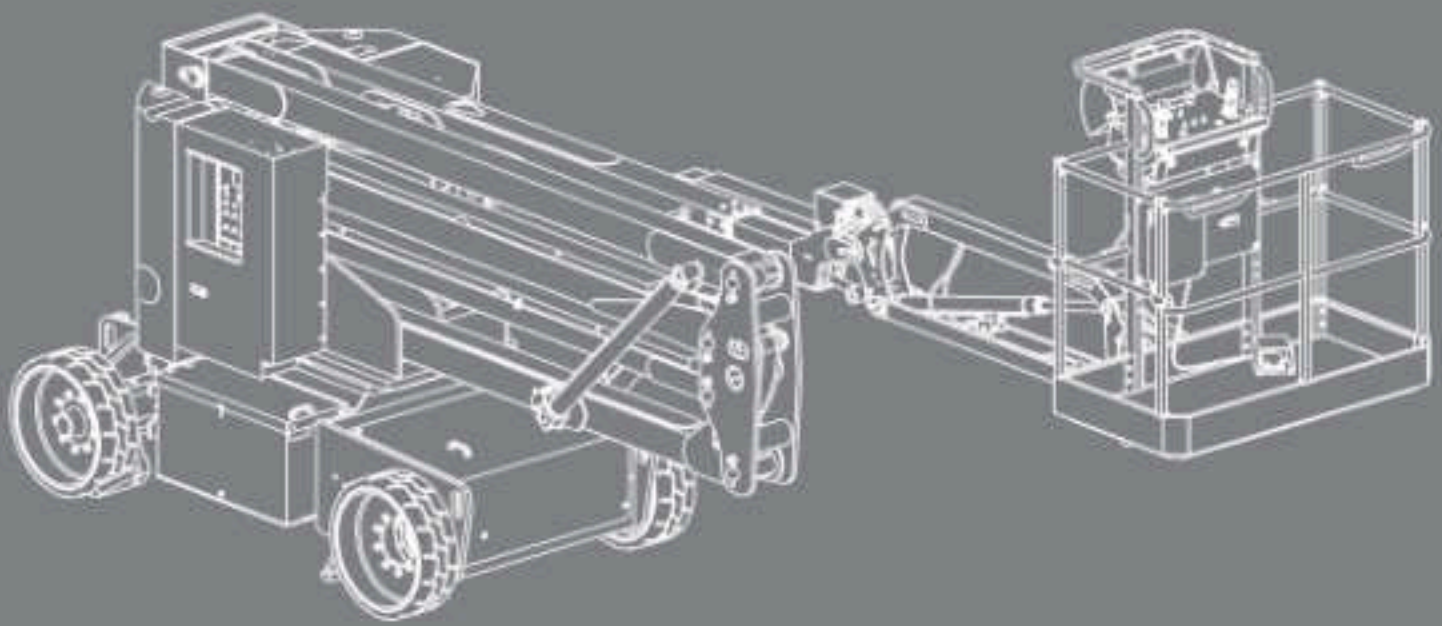
SKYJACK

OPERATION MANUAL

SJ45 AJN, SJ45 ARJN

ARTICULATING 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 **function enable** 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

When 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 **function enable** 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 rotates 355 degrees.

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

1. Move and hold the **function enable** 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 riser with the base control console

1. Move and hold the **function enable** switch to the function enable position.
2. Move the **riser up/down** switch to the up or down position. Release the switch to stop.

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

1. Move and hold the **function enable** 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.

5.7 Extend or retract the boom with the base control console

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

5.8 Make the platform level with the base control console

1. Move and hold the **function enable** switch to the function enable position.
2. Move the **platform-leveling override** switch to the up or down position. Release the switch to stop.

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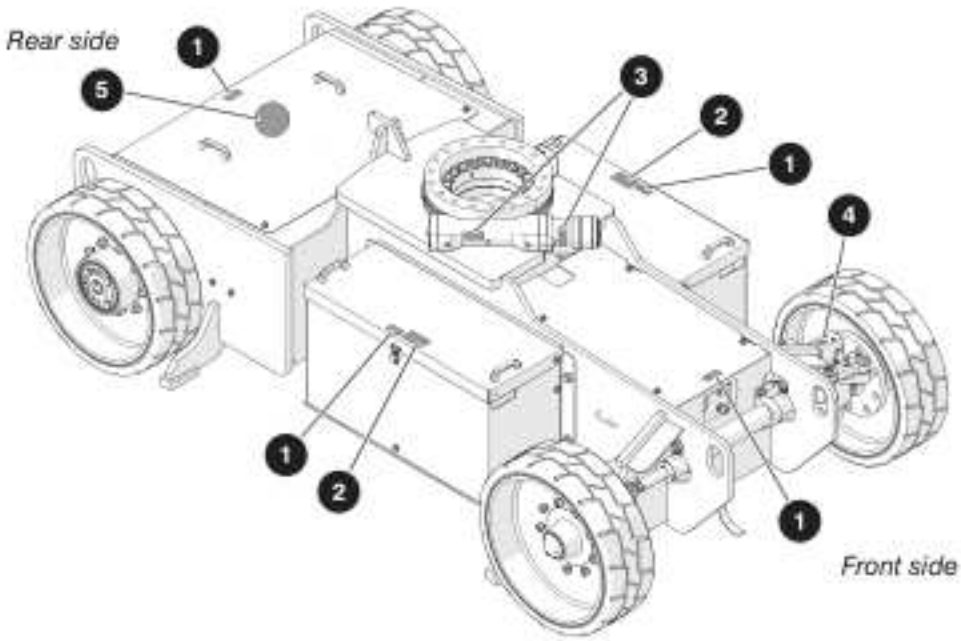
7.4 Specifications - Dimensional Data

Model		SJ45 AJN	SJ45 ARJN
Height & Reach	Working Height - Maximum	15.5 m (50 ft 11 in)	15.54 m (50 ft 11.73 in)
	Platform Height - Maximum	13.69 m (44 ft 11 in)	13.7 m (44 ft 11.73 in)
	Horizontal Reach - Maximum	6.72 m (22 ft)	6.82 m (22 ft 4.5 in)
	Horizontal Reach - at Maximum Height	2.21 m (7 ft 3 in)	2.31 m (7 ft 7 in)
	Horizontal Reach - Fly Boom Retracted	5.95 m (19 ft 6 in)	6.05 m (19 ft 10 in)
	Tailswing	15 cm (6 in)	
	Up and Over Clearance - at Platform	7.87 m (25 ft 10 in)	
	Up and Over Clearance - at Main Boom	7.8 m (25 ft 7 in)	
Platform	Platform Size	0.76 x 1.47 m (30 x 58 in)	
	Platform Rotation	175°	
	Platform Rotation Radius	1.2 m (47 in)	
	Platform Height - Stowed	25 cm (9.92 in)	
	Overall Railing Height	1.34 m (53 in)	
	Platform Railing Height	1.12 m (44 in)	
Jib	Jib Length	1.42 m (4 ft 7.7 in)	
	Jib vertical Range of Motion	2.7 m (8 ft 10 in)	2.4 m (7 ft 10.5 in)
	Jib Range of Motion - Down	70°	45°
	Jib Range of Motion - Up	75°	
	Jib Rotation	-	180°
Transportation	Width with 90° Side	1.77 m (5 ft 9.75 in)	1.74 m (5 ft 8.5 in)
	Height at Transportation Position	2.14 m (7 ft)	
Dimensional Data	Height - Stowed Min.	1.97 m (6 ft 6 in)	
	Stowed Length @ Min. Height	6.37 m (20 ft 10.75 in)	6.93 m (22 ft 8.75 in)
	Stowed Length - Transportation	6.11 m (20 ft)	6.57 m (21 ft 6.7 in)
	Width	1.5 m (4 ft 11 in)	
	Wheelbase	2 m (6 ft 7 in)	
	Ground Clearance (Chassis) Front	5.1 cm (2 in)	
	Ground Clearance (Chassis) Rear	7.6 cm (3 in)	
	Turning Radius - Inside	1.12 m - 1.24 m (3 ft 8 in - 4 ft 1 in)	
	Turning Radius - Outside	3.45 m (11 ft 4 in)	
	Turret Rotation	355°	

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8.5 Base



Description	Label Pictorial
❶ **Warning - No step**	
❷ **Warning - crushing hazard**	
❸ **Grease points maintenance** Refer to the Service Manual for how to lubricate the MEWP.	
❹ **Warning - Do not alter** Do not alter or disable limit switches or other safety devices.	
❺ **Warning - Electrical shock** Stay away. High voltage.	

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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 7.5*. 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 7.8*).



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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Section 8 – Labels

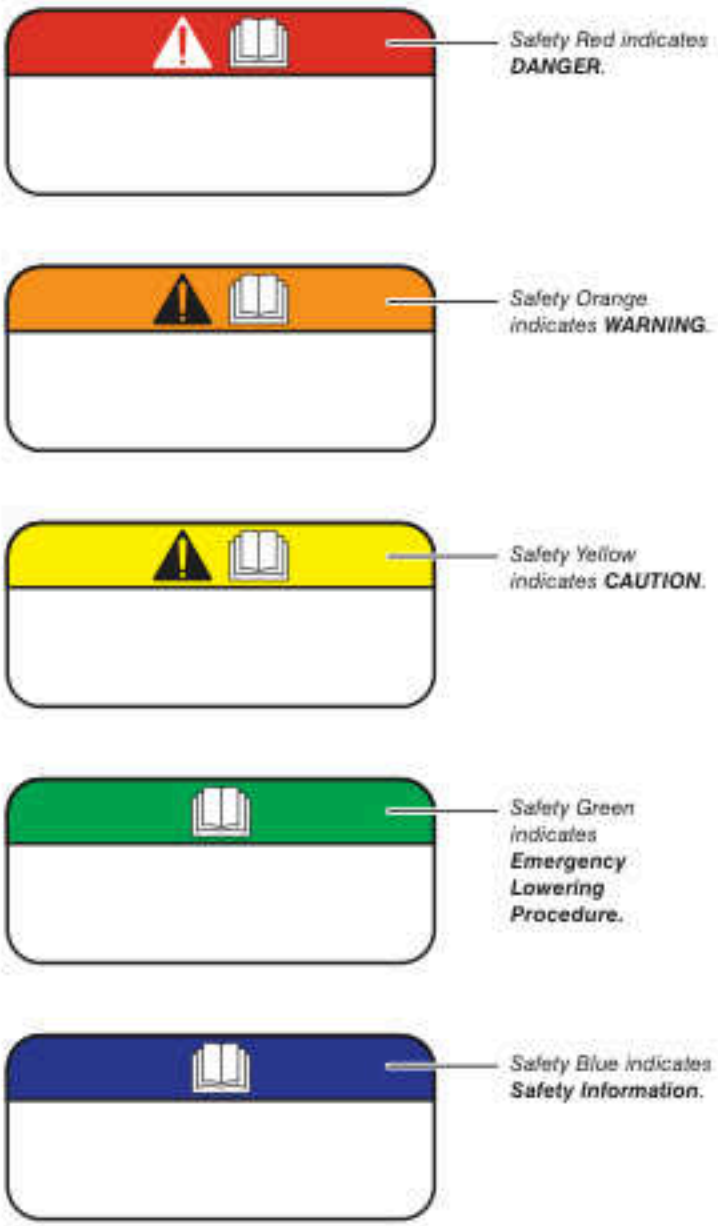


Figure 13 *Label legend*

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