



## SJ63AJ ARTICULATING BOOM

Combining a working height of 69'7" (21.2 m), a horizontal reach of 40' (12.2 m), and an up and over clearance of 27'6" (8.4 m), Skyjack's SJ63 AJ is designed for versatility. Superior positive traction and terrainability is provided by the axle based 4WD used in many of Skyjack's product designs, which accounts for a proven low maintenance, rugged and reliable drive train. 360 degree turret rotation and zero tail swing allow for flexible operation in tight locations.

The 63AJ features a unique open center knuckle riser design for improved visibility, compact dimensions, and below grade reach capabilities. Dual lifting cylinders provide superior comfort and stability, while also maintaining true vertical rise which prevents drifting forward or backwards,

Other key features include; direction sensing drive and steer controls, analog based controls and Skyjack's standard color coded and numbered wiring system.



**SKYJACK**

# ARTICULATING BOOM LIFT

## SPECIFICATIONS

## SJ63 AJ

<b>Platform Height</b>	<b>63'7" (19.38 m)</b>
<b>Horizontal Reach</b>	<b>40' (12.19 m)</b>
<b>Up and Over Height</b>	<b>27'6" (8.38 m)</b>
<b>Platform Size</b>	<b>36" x 96" (0.91 x 2.4 m)</b>
<b>Stowed Width</b>	<b>96" (2.44 m)</b>
<b>Tailswing</b>	<b>Zero</b>
<b>Stowed Height</b>	<b>100" (2.54 m)</b>
<b>Stowed Length</b>	<b>30' (9.14 m)</b>
<b>Wheelbase</b>	<b>96" (2.44 m)</b>
<b>Ground Clearance</b>	<b>13" (0.33 m)</b>
<b>Rotation</b>	<b>360°</b>
<b>Platform Rotation</b>	<b>175°</b>
<b>Jib Length</b>	<b>5' 6" (1.68 m)</b>
<b>Jib Range +/-</b>	<b>+65° / -60°</b>
<b>Technical Specifications</b>	<b>SJ63 AJ</b>
<b>Weight</b>	<b>21,500 lbs (9,752 kg)</b>
<b>Gradeability</b>	<b>45%</b>
<b>Turning Radius (Inside)</b>	<b>87" (2.21 m)</b>
<b>Turning Radius (Outside)</b>	<b>209" (5.31 m)</b>
<b>Axle Oscillation</b>	<b>8" (0.20 m)</b>
<b>Drive Speed (High speed)</b>	<b>4.5 mph (7.3 km/h)</b>
<b>Capacity</b>	<b>500 lbs (227 kg)</b>
<b>Local Floor Load ( With Rated Load)</b>	<b>115 psi (793 kPa)</b>
<b>Overall Floor Load (With Rated Load)</b>	<b>251 psf (12 kPa)</b>
<b>Maximum # of Persons</b>	<b>2</b>
<b>Tire Type</b>	<b>Grip lug air-filled</b>
<b>Diesel Engine</b>	<b>65 HP</b>
<b>Dual Fuel Engine (GM 3.0L Vortech)</b>	<b>82 HP</b>
<b>Fuel Tank Capacity</b>	<b>30.4 gal. (115L)</b>
<b>Hydraulic Reservoir</b>	<b>30.4 gal. (115 L)</b>

### STANDARD FEATURES

- Axle based 4WD system
- Operator controlled locking rear differential and limited slip front differential
- Oscillating axle
- Drivable at full height
- 360° continuous turret rotation
- 45% Gradeability
- 65 HP Deutz Diesel or 82 HP GM Dual Fuel engine
- Swing out engine tray
- Swing up cowlings
- Modular platform railing system
- Tri-entry sliding mid-rail
- 110V AC outlet on platform with GFI
- Direction sensing drive and steer controls
- Proportional controls
- Relay based control system
- Color coded and numbered wiring
- Hourmeter
- Operator horn
- All motion alarm
- Tie down/lifting lugs
- Wet disc SAHR brakes (front and rear axle)
- Grip lug air-filled tires

### OPTIONS<sup>‡</sup>

- 32 x 72" Platform
- 3.5 kW generator (includes hydraulic oil cooler)
- Welder ready package (includes 12 kW generator, hydraulic oil cooler, 3 phase power connection in platform, and welder mount.)
- Welder package (includes 12 kW generator, hydraulic oil cooler, 3 phase power connection in platform, welder mount and Lincoln V275-S welder)
- Cold weather start kit (includes cold start engine oil, battery blanket, and hydraulic tank heater)
- Arctic weather package (includes arctic engine oil, battery blanket, hydraulic tank heater, block heater, arctic hydraulic oil, arctic platform rotator and arctic gear oil in the axels and swing drive. Glow plugs, arctic hydraulic hoses (all), and oversized foot switch cover are also included (standard equipment))
- Diesel scrubber
- Extra propane tank and bracket (dual fuel only)
- Hydraulic oil cooler
- Flashing light
- Platform work lights
- 1/2" airline to platform
- Glazier kit
- Hostile environment package (includes cylinder bellows, boom wipers, covers for the fly boom cutouts, and control box cover.)
- Auxiliary top rail
- Control box cover
- Pipe rack
- Side Gate

### Tire Options <sup>‡</sup>

- Grip lug air-filled non-marking tires
- Grip lug foam-filled non marking tires
- Grip lug foam-filled tires
- Tire sealant
- High flotation air-filled tires

<sup>‡</sup> Standard lead times may be increased when optional equipment is added, consult factory

\*\* Capacities, and machine weights may differ when options are added

### Skyjack Head Office

55 Campbell Rd. Guelph, ON Canada N1H 1B9  
 Sales Inquiries: 1-877-755-4387 (1-877-SJLIFTS)  
 Main Switchboard: 1-800-265-2738  
 Phone: 519-837-0888  
 Fax: 519-837-8104  
 Email: skyjack@skyjack.com

www.skyjack.com



# SKYJACK™

This brochure is for illustrative purpose only and based on the latest information at the time of printing. Skyjack Inc. reserves the right to make changes at any time, without notice, to specifications, standard and optional equipment. Consult the Operating Maintenance and Parts Manuals for proper procedures. Work platforms have been tested to comply with ANSI and CSA standards as interpreted by Skyjack, Inc.

NA/ENG/01/2013

Courtesy of Crane.Market