



REACHING NEW HEIGHTS.

If the SJ85 AJ looks familiar, don't be confused – it should! That is because its concept was born out of the design of Skyjack's class leading SJ63 AJ. As the name would imply, Skyjack's new SJ85 AJ reaches an impressive 85' (25.91 m) platform height. Along with 56' (17.07 m) horizontal reach, the SJ85 AJ also has a remarkable up and over clearance of 34' (10.36 m).

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
Tel: 519-837-0888
Fax: 519-837-8104
Email: skyjack@skyjack.com

www.skyjack.com



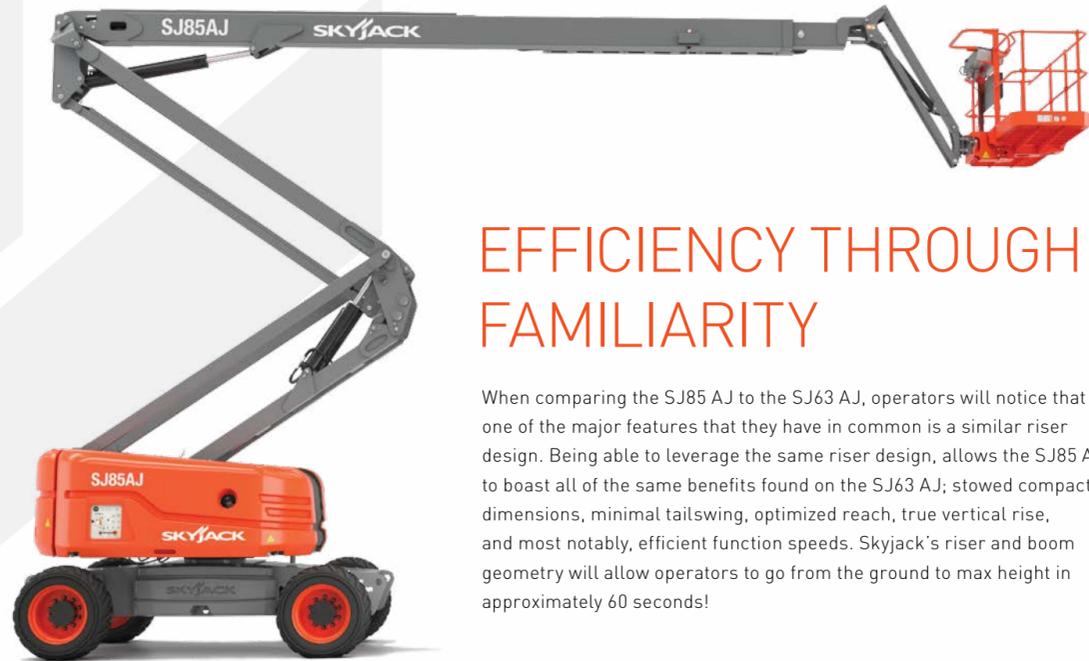
SJ85 AJ ARTICULATING BOOM

NA/ENG/12/2016

SKYJACK 2 YEAR GOLD LEAF PROTECTION PROGRAM

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.

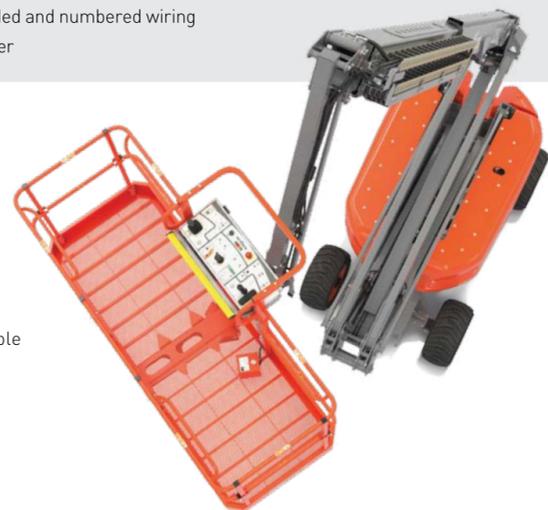
SKYJACK



EFFICIENCY THROUGH FAMILIARITY

When comparing the SJ85 AJ to the SJ63 AJ, operators will notice that one of the major features that they have in common is a similar riser design. Being able to leverage the same riser design, allows the SJ85 AJ to boast all of the same benefits found on the SJ63 AJ; stowed compact dimensions, minimal tailswing, optimized reach, true vertical rise, and most notably, efficient function speeds. Skyjack's riser and boom geometry will allow operators to go from the ground to max height in approximately 60 seconds!

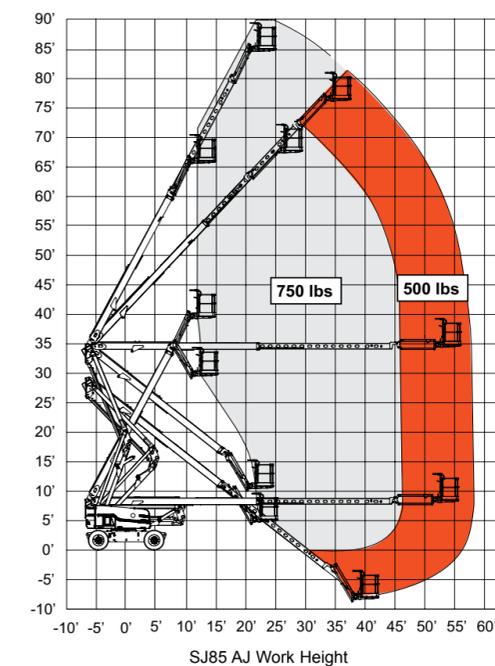
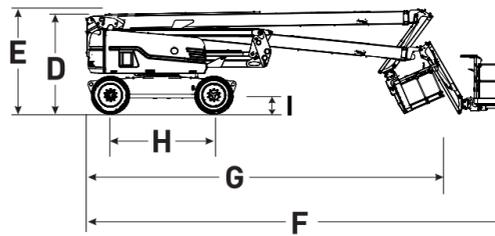
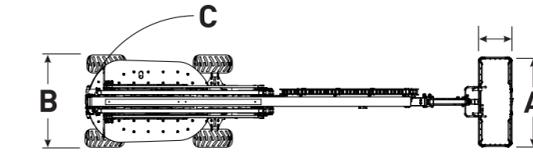
- Axle based 4WD system
- Operator controlled locking rear differential and limited slip front differential
- Oscillating axle
- Drivable at full height
- EasyDrive™ direction sensing drive and steer controls
- SpeedyReach™ functionality
- SkyRiser™ functionality
- 360° continuous turret rotation
- 45% Gradeability
- Secondary Guarding (SGE)
- Deutz TD2.9 diesel engine
- Swing out engine tray
- Swing up cowlings
- Modular platform railing system
- Tri-entry sliding mid-rails
- 110V AC outlet on platform with GFI
- Proportional controls
- Relay based control system
- Color coded and numbered wiring
- Hourmeter
- Operator horn
- Overload sensing system
- All motion alarm
- Tie down/lifting lugs
- Wet disc SAHR brakes (front and rear axle)
- 18 x 625 grip lug foam-filled tires
- Telematics ready
- 2 Year Gold Leaf Warranty (5 year structural warranty)



IMPRESSIVE DUAL CAPACITIES.

Impressive dual capacities (500 lbs / 750 lbs) and 2-3 people rating increases productivity and job site performance. Indicator lights on upper and lower controls show the applicable working zone and platform capacities.

Dimensions	SJ85 AJ
Work Height	91' (27.74 m)
Platform Height	85' (25.91 m)
Horizontal Reach	56' (17.07 m)
Up and Over Height	34' (10.36 m)
A Platform Size	36" x 96" (0.91 x 2.4 m)
B Stowed Width	8' 2" (2.49 m)
C Tailswing	3' (0.91 m)
D Stowed Height	8' 9" (2.67 m)
E Transportation Height	32' 11" (10.03 m)
F Stowed Length	39' (11.89 m)
G Transportation Length	32' 11" (10.03 m)
H Wheelbase	9' 4" (2.84 m)
I Ground Clearance	13" (0.33 m)
Specifications	SJ85 AJ
Rotation	360°
Platform Rotation	170°
Jib Length	5' 6" (1.68 m)
Jib Range +/-	+65° / -60°
Weight	38,715 lbs (17,561 kg)
Gradeability	45%
Turning Radius (Inside)	11' 6" (3.51 m)
Turning Radius (Outside)	21' (6.40 m)
Axle Oscillation	4" (10.16 cm)
Drive Speed (High speed)	3 mph (4.8 km/h)
Capacity	500 / 750 lbs (227 / 340 kg)
Local Floor Load (With Rated Load)	167 psi (1,151 kPa)
Overall Floor Load (With Rated Load)	245 psf (11.73 kPa)
Maximum # of Persons	2 / 3
Tire Type	Grip lug foam-filled
Tire Size	18-625
Diesel Engine	74 HP
Fuel Tank Capacity	30.4 gal. (115 L)
Hydraulic Reservoir	45 gal. (170 L)



MACHINE OPTIONS

- Pipe rack
- Glazier kit
- Platform work lights
- Tool caddy
- Control box cover
- 36 x 72" Platform
- Perkins 404F-E22TA diesel engine
- Kubota WG3800 dual fuel engine
- 3.5 kW generator
- Welder package
- Welder ready package
- Cold weather start kit
- Arctic weather package
- Extra propane tank and bracket (dual fuel only)
- Non-marking foam filled tires
- Hydraulic oil cooler
- Flashing light
- 1/2" airline to platform
- Hostile environment package
- Auxiliary top rail (36 x 96" platform only)
- Side gate
- Positive air shut-off valve
- Bio oil
- Non destructive testing

SKYCODED. **SKYRISER.** **EASYDRIVE.** **ACCESSORYZERS.**

† Capacities, and machine weights may differ when options are added.
‡ Certain option pricing not available at time of printing.
Preliminary specifications at time of printing. Consult your local area sales representative for details.
All Skyjack warranties are subject to express limited warranty and all of other related terms, policies and procedures, as amended from time to time. Please refer to www.skyjack.com/warranty-service

SIMPLY RELIABLE.

Skyjack not only believes in offering aerial equipment with exceptional reach and performance capabilities, but also equipment that is reliable and easy to service. The SJ85 AJ is no exception. Design concepts proven on other Skyjack products have been utilized on this model as well; common off the shelf parts are used wherever possible, components are well protected, while serviceable components are easily accessible. As with all other Skyjack products, the SJ85 AJ is covered by Skyjack's industry leading 2 year warranty program.



NOT YOUR TYPICAL 80' ARTICULATING BOOM

Skyjack's all new SJ85 AJ articulating boom vaunts a class leading reach envelope that combines a working height of 91' (27.74 m), horizontal outreach of 56' (17.07 m) and 34' (10.36 m) of up and over clearance.

Pairing this reach envelope with a dual capacity rating of 500/750 lbs (227/340 kg), along with Skyjack's proven design philosophy, makes the SJ85 AJ the preferred choice when looking at the 80' articulating boom class.

SPEEDYREACH. **AXLDRIVE.**