



MODEL | SJ 46AJ

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A-SERIES Articulating BOOM LIFT

Skyjack's A-SERIES Articulating Boom has been engineered utilizing many of Skyjack's robust and reliable design features. The A-SERIES boom lift is currently available as a 46AJ configuration with jib. The 46AJ boasts an industry leading, standard equipped, 360 degree continuous turret rotation. Zero tail swing compliments the turret design allowing for flexible operation in tight locations.

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.

The AJ is equipped with a rear axle hydraulic differential lock/unlock switch allowing the operator to lock the rear differential when negotiating rough terrain. The unlocked position improves turning radius and reduces tire marks on hard surfaces.

Other key features include; direction sensing drive and steer controls, true vertical rise with riser function which prevents drifting forward or backwards, analog based controls and Skyjack's standard color coded and numbered wiring system.



A-SERIES

Articulating Boom Lift

Dimensional Specifications	SJ 46AJ
Platform Height	46'5" (14.1 m)
Horizontal Reach	25'2" (7.7 m)
Up and Over Height	25'0" (7.6 m)
Platform Size	30" x 72" (0.76 x 1.8 m)
Stowed Width	88" (2.2 m)
Tailswing	ZERO
Stowed Height	82" (2.1 m)
Stowed Length	21'5" (6.5 m)
Wheelbase	80" (2.0 m)
Ground Clearance	16" (0.4 m)
Rotation	360° Continuous
Platform Rotation	180°
Jib Length	5' (1.5 m)
Jib Range +/-	+70° / -75°
Technical Specifications	SJ 46AJ
Weight	14,730 lbs (6,981 kg)
Gradeability	45%
Turning Radius (Inside)	98" (2.4 m)
Turning Radius (Outside)	203" (5.1 m)
Axle Oscillation	8" (0.20 m)
Drive Speed (High speed)	4.8 mph (7.7 km/h)
Capacity	500 lbs (227 kg)
Maximum # of Persons	2
Tire Type	Air Filled
Tire Size	315/55 D20
Diesel Engine (Deutz D2011 L03i)	48 HP
Dual Fuel Engine (GM 3.0L Vortech)	82 Gallon
Fuel Tank Capacity	17 Gallon
Hydraulic Reservoir	24 Gallon

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
- 48 HP Deutz Diesel or 82 HP GM Dual Fuel engine
- Swing out engine tray
- Swing up cowlings
- Modular platform railing system
- Spring hinged gate
- 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 (rear axle)
- 315/55 D20 grip lug air-filled tires

OPTIONS†

- 30" x 60" Platform
- 3.5 kW generator (Includes hydraulic oil cooler)
- Cold weather start kit
- Diesel scrubber
- Hydraulic oil cooler
- Flashing light
- Platform work lights
- 1/2" airline to platform
- 2WD
- Glazier kit

Tire Options ‡

- 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

† Standard lead times may be increased when optional equipment is added, consult factory

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

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