

UNIQUE TO SKYJACK

EASYDRIVE™

DRIVE & STEER DIRECTION SENSING

A unique feature only utilised by Skyjack - the Boom lift drive function operates in accordance with the general orientation of the turret's counterweight over the chassis (i.e. joystick forward = counterweight facing forward). This provides intuitive operation by allowing the unit to move in the general direction of the joystick's movement.



SKYRISER™

TRUE VERTICAL RISE

SKYRISER™ is common to all Skyjack's AJ booms. The single function riser design ensures that the riser, and main pivot point connecting the main boom to the riser, travel in a straight vertical manner, avoiding any unnecessary machine repositioning.



Rental companies and major contractors face increasing demands for sustainability information. Skyjack has introduced its ECO mark to support our customers by providing products that deliver benefits in environmental performance and long-term sustainability.

Skyjack's Electric boom ECO benefits include:

-  Zero emissions
-  <70 dB inherently quiet machine operation (excl. alarms)
-  White noise alarm – *optional*
-  90% recyclable (by weight)
-  Bio-degradeable hydraulic oil – *optional*
-  Telematics – Remote diagnostics reduces site visits (operational carbon foot print)



On each Skyjack machine a QR code provides operators access to critical machine information, including the machine's current state of health, pre-use inspection guides, and familiarisation materials.



SJ45 AJN/ARJN ELECTRIC ARTICULATING BOOMS



STANDARD FEATURES

- EASYDRIVE™ Direction sensing drive and steer controls
- SKYRISER™ True vertical rise
- Direct AC electric drive
- Dual spring applied, electromagnetically released brakes
- Speed and angle sensing traction control
- Drivable at full height
- 30% Gradeability
- SKYCODED™ colour coded control system
- 48V 360 Ah Battery pack
- Removable front and top battery covers
- Swing out control box and manifold cover
- Proportional controls
- Function speed selector
- Rotating jib (SJ45 ARJN)
- Bolt-in platform railing system
- Lanyard attachment points
- Side-entry sliding mid rail
- Secondary Guarding Electrical (SGE)
- Overload sensing system
- Outlet on platform with GFI
- Tilt alarm (3° x 3°) with drive and lift cut-out
- Powered emergency lowering
- Hourmeter
- Operator horn
- 355° Non-continuous turret rotation
- Tie down/lifting lugs
- Solid rubber, non-marking tyres
- Telematics ready

WHY SKYJACK?

- ✓ Superior working height up to 15.72 m
- ✓ Class leading up-and-over capability – 7.8 m
- ✓ The narrow 1.5 m machine width allows for access through standard double doors and in confined spaces
- ✓ Low stowed height 1.98 m
- ✓ Features EASYDRIVE™ and SKYRISER™
- ✓ The SJ45 ARJN represents one of the few machines in this class with a rotating jib which provides 132 degree horizontal movement to allow precise positioning of the platform and increased worker productivity

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SJ45 AJN/ARJN ELECTRIC ARTICULATING BOOMS

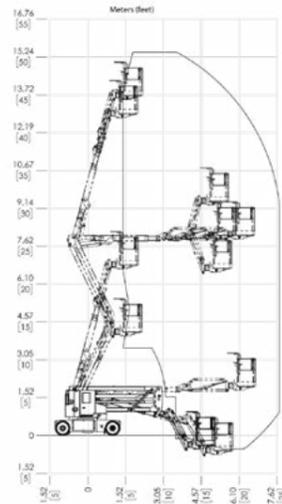
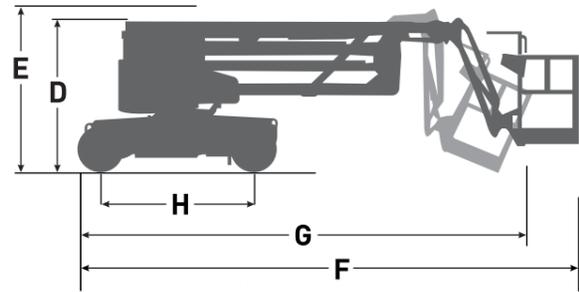
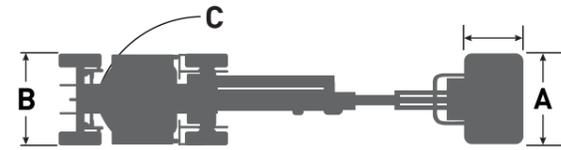
Dimensions	SJ45 AJN	SJ45 ARJN
Work Height	15.69 m	15.71 m
Platform Height	13.69 m	13.71 m
Horizontal Reach	6.72 m	6.82 m
Horizontal Work Reach	7.32 m	7.42 m
Up and Over Height	7.8 m	7.8 m
A Platform Size	0.76 x 1.47 m	
B Stowed Width	1.5 m	1.5 m
C Tailswing	0.15 m	0.15 m
D Stowed Height	1.98 m	1.98 m
E Transport Height	1.98 m	1.98 m
F Stowed Length	6.37 m	6.93 m
G Transport Length	6.11 m	6.57 m
H Wheelbase	2 m	2 m
Ground Clearance	7.6 cm	7.6 cm
Specifications	SJ45 AJN	SJ45 ARJN
Turret Rotation	355° NC	355° NC
Platform Rotation	175°	175°
Jib Length	1.42 m	1.42 m
Jib Range of Motion - Vertical	145° (+75° / -70°)	145° (+75° / -70°)
Jib Range of Motion - Horizontal	N/A	132°
Weight	6,832 kg	7,076 kg
Gradeability	30%	30%
Turning Radius (Inside)	1.12 m	1.12 m
Turning Radius (Outside)	3.45 m	3.45 m
Drive Speed (Stowed)	4.8 km/h	4.8 km/h
Drive Speed (Elevated/Extended)	0.6 km/h	0.6 km/h
Capacity	227 kg	227 kg
Local Floor Load (With Rated Load)	15.82 kg/cm ²	16.17 kg/cm ²
Overall Floor Load (With Rated Load)	2357 kg/m ²	2435 kg/m ²
Maximum # of Persons (Indoors / Outdoors)	2 / 1	2 / 1
Wind Rating	12.5 m/s	12.5 m/s
Tyre Type	Solid, NM	Solid, NM
Tyre Size	600 x 190	600 x 190

ACCESSORYZERS †

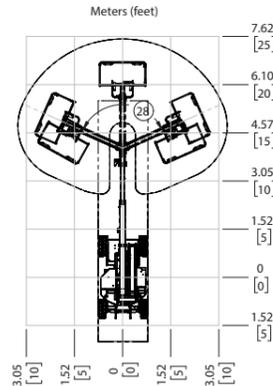
- Tool Caddy
- Control box cover
- LanyardGO (Standard for UK & Ireland)

OPTIONS †

- AGM batteries
- Side spring hinged entry gate
- All motion alarm
- Bio oil
- Flashing light
- White noise alarm
- ELEVATE telematics



SJ45 AJN WORKING ENVELOPE



SJ45 ARJN ROTATING JIB



SIMPLY MORE

SUPERIOR WORKING HEIGHT CLASS LEADING UP & OVER ACCESS

Skyjack's new SJ45 AJN and SJ45 ARJN battery powered electric articulated slab booms have been developed to provide a clean, quiet, sustainable rental solution with no emissions, lower operating costs and increased utilisation.

Featuring a working height up to 15.69 m and suitable for indoor at outdoor use the SJ45 AJN includes many of the design features you have come to expect from Skyjack. High performance AC electric traction and pump motors deliver high torque power and consistent multi-function capability.

This machine has a platform capacity of 227 kg and features a 1.42 m jib as standard. The SJ45 AJN and SJ45 ARJN provide class leading up- and-over access capability of 7.8 m, together with outstanding onsite maneuverability and ability to work in confined spaces.

The range remains simple, reliable and provides an environmentally friendly and sustainable choice for rental.

ELECTRIC DRIVE

Skyjack's 15.69 m electric slab boom range has been designed to offer superior performance in a wide range of indoor and outdoor maintenance, industrial, renovation, and event applications.

Direct electric AC drive features two-wheel motors operating in parallel to maximise gradeability and efficiency, while speed sensing traction control reduces loss of traction and tyre scrubbing.

- Variable speed dual wheel electric drive
- 48V DC Power source – 8x6V, 360Ah
- 30% gradeability
- Dual spring applied, electromagnetically released brakes
- Re-regenerative braking
- Speed and angle sensing traction control
- 12.5 m/s wind rating
- DC Powered emergency lowering
- Solid rubber non-marking tyres



DESIGNED FOR RENTAL

Skyjack became an industry leader by providing machine features that combine durability, quality, and serviceability, making our products world renowned for product reliability.

Our team understands the importance of maximum uptime, so our equipment is designed to provide just that. All major service points are easily accessible, enabling straightforward troubleshooting and repairs.

PRECISION AND MANEUVRABILITY

Variable speed brushless electric drive provides exceptional duty cycles, controllability and consistent power, torque, and traction. Proportional drive and adjustable speed selection lifting controls offer superior jobsite positioning

The compact chassis with a narrow 1.5 m width allows for access through standard double doors.

STANDARD AND ROTATING JIB

The SJ45 AJN features a standard 1.42 m jib, while the SJ45 ARJN features a rotating 1.42 m jib which provides 132 degree horizontal movement to allow precise positioning of the platform and increased worker productivity.



SKYCODED™

At the heart of every Skyjack machine is the proven and simplistic control systems, and the SJ45 AJN and SJ45 ARJN are no different. A single controller system integrates with a colour coded and numbered wiring system, making these new Skyjack slab booms easy to service and maintain.

PROTECTION

Steel covers on the turret and the chassis provide robust protection (no plastic covers), and an optional steel control box cover ensures additional protection.

† Standard lead times may be increased when optional equipment is added, consult factory.
‡ Capacities and machine weights may differ when accessories and options are added.