

# SJ45 AJ+

## ARTICULATING BOOMS



### STANDARD FEATURES

- EASYDRIVE™ Direction sensing drive and steer controls
- SKYRISER™ True vertical rise
- AXLDRIVE™ Axle-based 4WD system
- Operator controlled locking rear differential and limited slip front differential
- Oscillating steer axle
- Drivable at full height
- 40% Gradeability
- Wet disc SAHR brakes (rear axle)
- Grip lug solid tyres
- Dual module control system with SKYCODED™ colour coded and numbered wiring
- SMARTORQUE™ Kubota D1305 Stage V diesel engine
- Swing up cowlings for easy access
- Proportional controls
- 300kg capacity
- 0.76 x 1.83 m Platform
- Bolt-in platform railings
- Lanyard attachment points
- Dual-entry sliding mid rails
- Secondary Guarding Electrical (SGE)
- Overload sensing system
- Wiring for AC outlet on platform
- Tilt alarm (5.0° x 5.0°) with drive and lift cut-out
- Single point emergency lowering
- 355° Non-continuous turret rotation
- Tie down/lifting lugs
- Hourmeter
- Operator horn
- Lockable power disconnect switch



- 20% weight reduction
- 28% less fuel\*



- Reduced emissions



- 3% reduction in engine noise (excl. alarms)
- White noise alarm – *optional*



- 85% recyclable (by weight)



- ECOSTART (Stop-Start system) – *optional*
- HVO compatible
- Bio-degradeable hydraulic oil – *optional*



- Telematics – Remote diagnostics reduces site visits (operational carbon foot print)

\*Compared to SJ46 AJ Stage IIIA



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Preliminary specifications at time of printing.

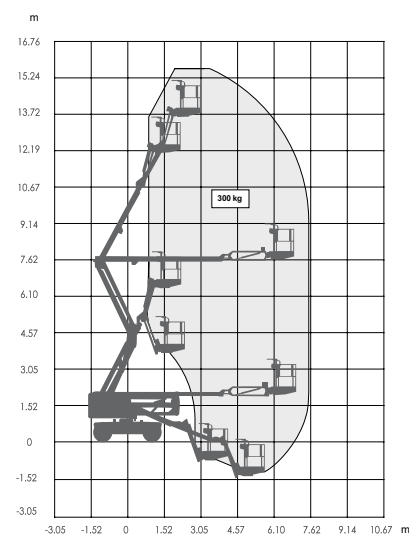
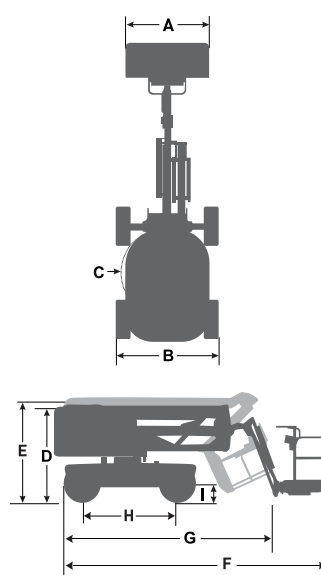
† Standard lead times may be increased when optional equipment is added, consult factory.

‡ Capacities and machine weights may differ when options are added.

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# SJ45 AJ+ ARTICULATING BOOMS

Dimensions	SJ45 AJ+
Work Height	15.72 m
Platform Height	13.72 m
Horizontal Reach	6.93 m
Up and Over Height	7.45 m
<b>A</b> Platform Size	0.76 x 1.83 m
<b>B</b> Stowed Width	2.29 m
<b>C</b> Tailswing	0.61 m
<b>D</b> Stowed Height	2.06 m
<b>E</b> Transportation Height	2.16 m
<b>F</b> Stowed Length	6.00 m
<b>G</b> Transportation Length	4.75 m
<b>H</b> Wheelbase	2.03 m
<b>I</b> Ground Clearance	0.39 m
Specifications	SJ45 AJ+
Rotation	355° NC
Platform Rotation	170°
Jib Length	1.40 m
Jib Range +/-	+70° / -75°
Weight	5,075 kg
Gradeability	40%
Turning Radius (Inside)	1.50 m
Turning Radius (Outside)	4.34 m
Axle Oscillation	12.70 cm
Drive Speed (High speed)	4.0 km/h
Capacity	300 kg
Maximum Wind Rating	12.5 m/s
Personnel Rating at Max Wind Rating	2
Tyre Size	10 x 31
Tyre Type	Solid
Diesel Engine	Kubota D1305 18.5 KW (24.8 HP)
Fuel Tank Capacity	64 L
Hydraulic Reservoir	91 L



**SJ45 AJ+ WORKING ENVELOPE**

## ACCESSORIES

- Glazier kit
- Pipe rack
- Tool caddy

## OPTIONS

- Flashing light
- All motion audible alarm
- 0.76 x 1.52 m platform
- Side spring hinged entry gate
- 3.5 kW Generator
- Control box cover
- Grip lug solid non-marking tyres
- Cold weather start kit\*  
\*Recommended for regions where average monthly low temperatures can reach -10°C (Includes cold start engine oil, battery blanket, and hydraulic tank heater)
- Arctic weather package\*  
\*Recommended for regions where average monthly low temperatures can reach -18°C (Includes arctic engine oil, battery blanket, hydraulic tank heater, block heater, arctic hydraulic oil, and arctic gear oil in the axles and swing drive. Glow plugs, arctic hydraulic hoses (all), arctic platform rotator and oversized foot switch cover are also included (standard equipment).)
- ECOSTART (anti-engine idle)
- Diesel scrubber
- Bio oil
- ELEVATE telematics

[www.skyjack.com](http://www.skyjack.com)

### Skyjack UK

Unit 1, Maes-y-Clawdd  
Maesbury Road Industrial Estate  
Oswestry, Shropshire, SY10 8NN  
Tel: +44 1691 676235  
Fax: +44 1691 676239  
Email: [info@skyjackeurope.co.uk](mailto:info@skyjackeurope.co.uk)

### Skyjack SAS (France)

74 Rue Sibert  
F-42400 Saint Chamond  
France  
Tel: +33 (0) 4 78 73 53 32  
Fax: +33 (0) 4 78 56 52 42

### Skyjack Hebebühnen GmbH (Germany)

Därmanbusch 2a  
D-58456 Witten  
Tel: +49 (0) 2302 20 26 909  
Fax: +49 (0) 2302 20 25 671

### Skyjack AB (Sweden)

Agnesbergsvägen 28  
424 38 Agnesberg  
Sweden  
Tel: +46 (0) 31 21 22 45  
Fax: +46 (0) 31 787 65 10

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