



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



- Zero emissions



- <70 dB inherently quiet machine operation (excl. alarms)
- White noise alarm – *optional*



- 90% recyclable (by weight)



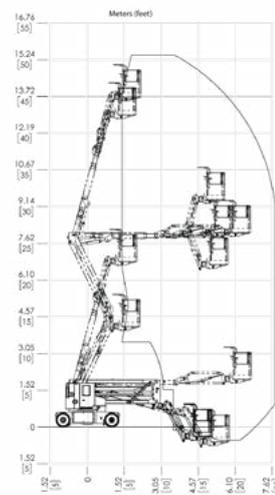
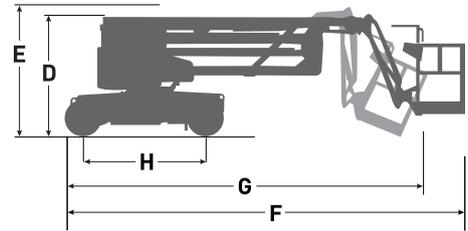
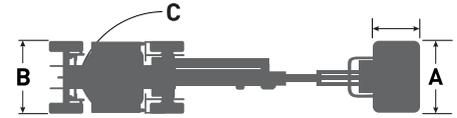
- Bio-degradeable hydraulic oil – *optional*



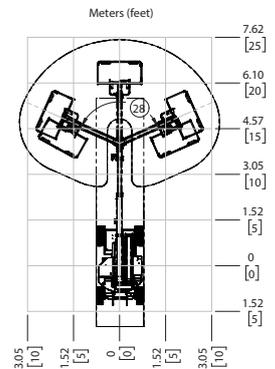
- Telematics – Remote diagnostics reduces site visits (operational carbon foot print)

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)	214 psi	219 psi
Overall Floor Load (With Rated Load)	483 psf	499 psf
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



SJ45 AJN WORKING ENVELOPE



SJ45 ARJN ROTATING JIB

ACCESSORIES †

- 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

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.

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

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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