



SJ46/51 AJ ARTICULATING BOOMS

STANDARD FEATURES

- Drivable at full height
- Axle based 4WD system
- Operator controlled locking rear differential and limited slip front differential
- Oscillating axle
- 355° Non-continuous turret rotation
- 45% Gradeability
- 35.8 kw (48hp) diesel engine
- Swing out engine tray
- Swing up cowlings
- Modular platform railing system
- Wiring for outlet on platform
- Direction sensing drive and steer controls
- Proportional controls
- Relay based control system
- Colour coded and numbered wiring
- Hourmeter
- Overload sensing system
- Operator horn
- Dual-entry sliding mid rails
- Lanyard attachment points
- Tie down/lifting lugs
- Wet disc SAHR brakes (rear axle)
- Grip lug foam-filled tyres

ACCESSORIES AND OPTIONS

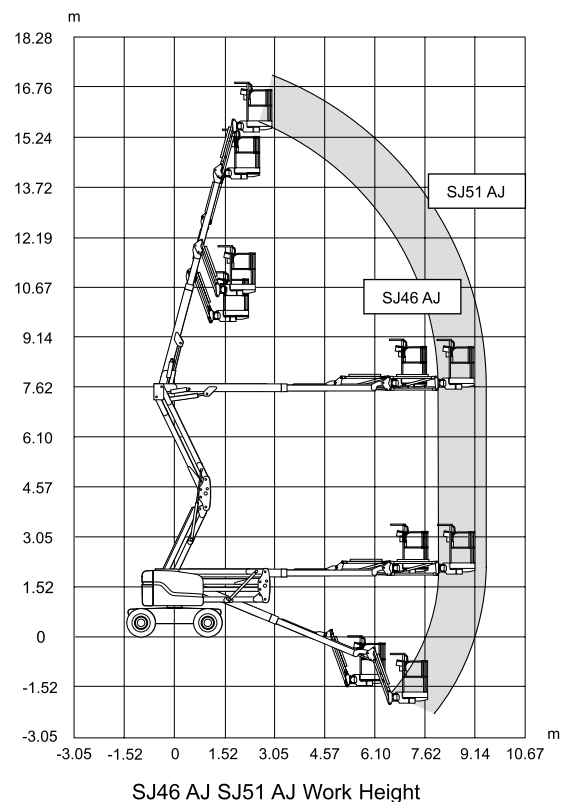
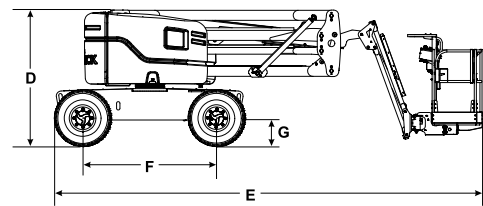
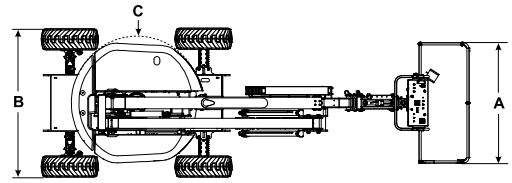
- 0.76 x 1.52 m Platform
- Airline to platform
- 3.5 kW generator
(Includes hydraulic oil cooler)
- Diesel scrubber
- Hydraulic oil cooler
- Flashing light
- Side gate
- All motion alarm
- Control box cover
- Auxiliary top rail (0.76 x 1.83 m platform only)
- Secondary Guarding (electrical or mechanical)
- Grip lug foam-filled non marking tyres

† 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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Dimensions	SJ46 AJ	SJ51 AJ
Work Height	16.10 m	17.55 m
Platform Height	14.10 m	15.55 m
Horizontal Reach	7.54 m	9.03 m
Up and Over Height	7.45 m	7.45 m
A Platform Size	1.83 x 0.76 m	1.83 x 0.76 m
B Stowed Width	2.29 m	2.29 m
C Tailswing	Zero	Zero
D Stowed Height	2.07 m	2.07 m
E Stowed Length	6.50 m	7.25 m
F Wheelbase	2.03 m	2.03 m
G Ground Clearance	0.40 m	0.40 m
Specifications	SJ46 AJ	SJ51 AJ
Rotation	355° NC	355° NC
Platform Rotation	170°	170°
Jib Length	1.52 m	1.52 m
Jib Range +/-	+70° / -75°	+70° / -75°
Weight	6500 kg	7300 kg
Gradeability	45%	45%
Turning Radius (Inside)	2.48 m	2.48 m
Turning Radius (Outside)	5.15 m	5.15 m
Axle Oscillation	0.20 m	0.20 m
Drive Speed (High speed)	7.7 km/h	7.7 km/h
Capacity	227 kg	227 kg
Local Floor Load (With Rated Load)	856 kPa	917 kPa
Overall Floor Load (With Rated Load)	10.1 kPa	11.4 kPa
Maximum # of Persons	2	2
Tyre Type	Grip lug foam-filled	Grip lug foam-filled
Tyre Size	12 x 16.5	12 x 16.5
Diesel Engine	35.8 kw (48 HP)	35.8 kw (48 HP)
Fuel Tank Capacity	64 L	64 L
Hydraulic Reservoir	91 L	91 L



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