

# SJ85 AJ

## ARTICULATING BOOM



### STANDARD FEATURES

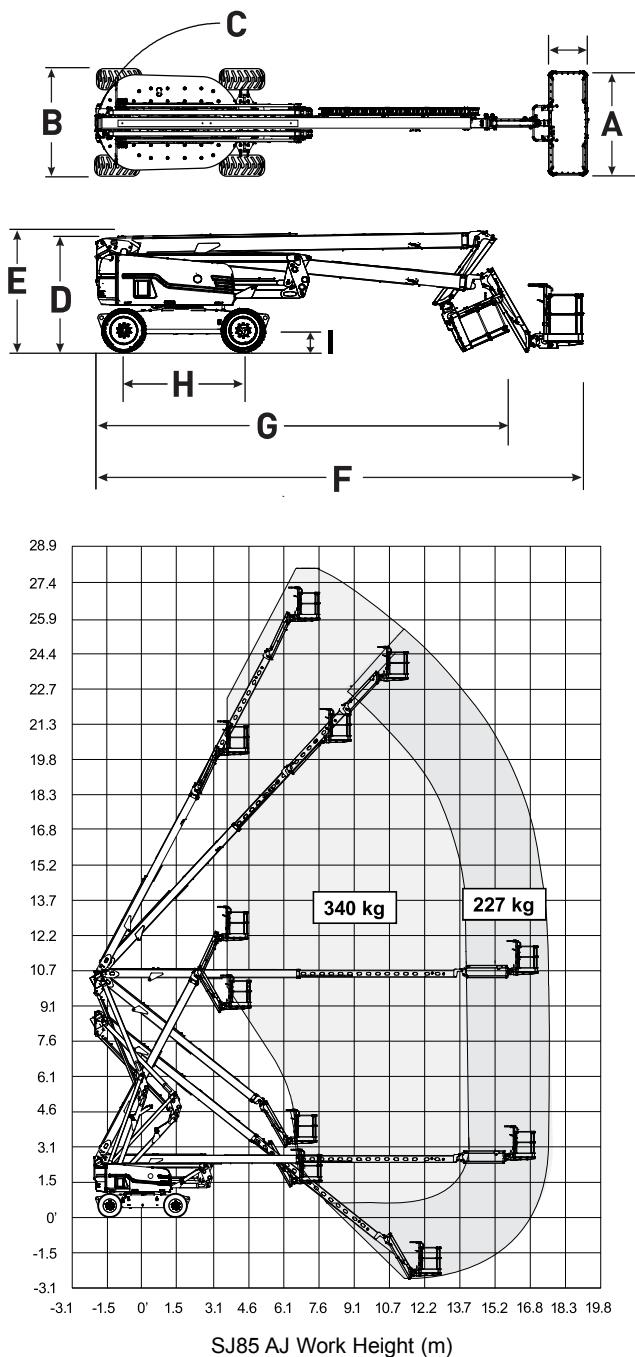
- Axle based 4WD system
- Operator controlled locking rear differential and limited slip front differential
- Oscillating axle
- Drivable at full height
- EasyDrive™ direction sensing drive and steer controls
- SpeedyReach™ functionality
- SkyRiser™ functionality
- 360° Continuous turret rotation
- 45% Gradeability
- 65 HP Deutz diesel engine
- Swing out engine tray
- Swing up cowlings
- Modular platform railing system
- Tri-entry sliding mid-rails
- Wiring for AC outlet to platform
- Proportional controls
- Relay based control system
- Colour coded and numbered wiring
- Hourmeter
- Operator horn
- Overload sensing system
- 7.5 kW Generator (includes hydraulic oil cooler)
- Flashing light
- All motion alarm
- Tie down/lifting lugs
- Wet disc SAHR brakes (front and rear axle)
- 18 x 625 Grip lug foam-filled non-marking tyres
- Secondary guarding electrical (SGE)

### ACCESSORIES AND OPTIONS

- 0.91 x 1.83 m Platform
- Half-height mesh platform (either size)
- Diesel scrubber
- Positive air shut-off valve
- Control box cover
- Pipe rack
- Tool caddy
- Rear gate
- Bio oil
- Auxiliary top rail (0.91 x 2.44 m platform only)
- 1/2" Airline to platform
- Hostile environment package  
(Includes cylinder bellows, boom wipers, covers for the fly boom cutouts, and control box cover)

# SJ85 AJ ARTICULATING BOOM

Dimensions	SJ85 AJ
Work Height	27.91 m
Platform Height	25.91 m
Horizontal Reach	17.07 m
Up and Over Height	10.36 m
<b>A</b> Platform Size	0.91 x 2.4 m
<b>B</b> Stowed Width	2.49 m
<b>C</b> Tailswing	0.86 m
<b>D</b> Stowed Height	2.67 m
<b>E</b> Transportation Height	2.90 m
<b>F</b> Stowed Length	11.63 m
<b>G</b> Transportation Length	10.03 m
<b>H</b> Wheelbase	2.84 m
<b>I</b> Ground Clearance	0.33 m
Specifications	SJ85 AJ
Rotation	360° Continuous
Platform Rotation	170°
Jib Length	1.68 m
Jib Range +/-	+65° / -60°
Weight	16,465 kg
Gradeability	45%
Turning Radius (Inside)	3.05 m
Turning Radius (Outside)	6.22 m
Axle Oscillation	10.16 cm
Drive Speed (High speed)	4.8 km/h
Capacity	227 / 340 kg
Local Floor Load (With Rated Load)	12.01 kg/sq cm
Overall Floor Load (With Rated Load)	1733 kg/sq m
Maximum # of Persons	2 / 3
Tyre Type	Foam-filled NM
Tyre Size	18-625
Diesel Engine	Deutz D2011L04i - 65 HP (48 KW)
Fuel Tank Capacity	115 L
Hydraulic Reservoir	170 L



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