

# 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
- Secondary guarding (SGE)
- Deutz TD2.9 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
- Tie down/lifting lugs
- Wet disc SAHR brakes (front and rear axle)
- 18 x 625 Grip lug foam-filled tyres

### ACCESSORIES AND OPTIONS

- 0.91 x 2.44 m Platform
- 3.5 kW Generator (includes hydraulic oil cooler)
- Cold weather start kit (includes cold start engine oil, battery blanket, and hydraulic tank heater)
- Arctic weather package (includes arctic engine oil, battery blanket, hydraulic tank heater, block heater, arctic hydraulic oil, arctic platform rotator and arctic gear oil in the axels and swing drive. Glow plugs, arctic hydraulic hoses (all), and oversized foot switch cover are also included (standard equipment).
- Hydraulic oil cooler
- Flashing light
- 12.7 mm (1/2") Airline to platform
- Positive air shut-off valve
- Hostile environment package (Includes cylinder bellows, boom wipers, covers for the fly boom cutouts, and control box cover)
- Auxiliary top rail (0.91 x 2.44 m platform only)
- Control box cover
- Platform work lights
- All motion alarm
- Pipe rack
- Tool caddy
- Rear gate
- Bio oil

### TIRE OPTIONS

- Grip lug foam-filled non marking tyres

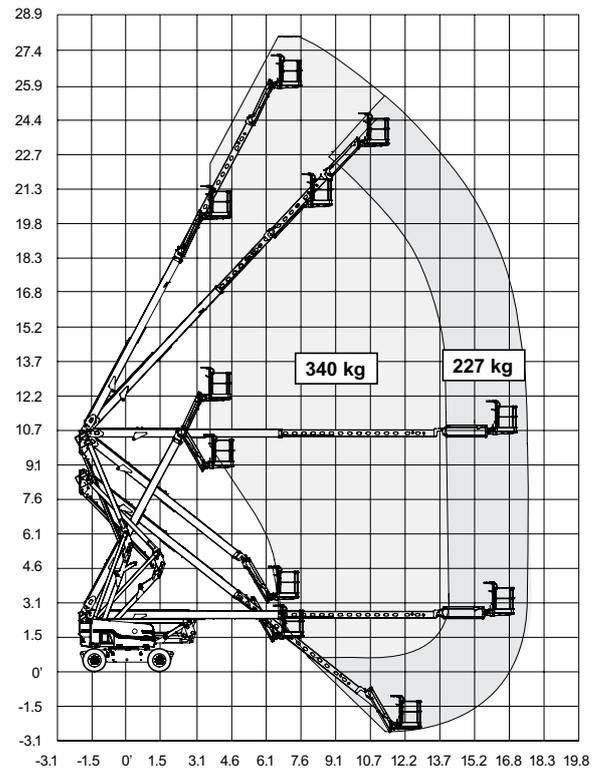
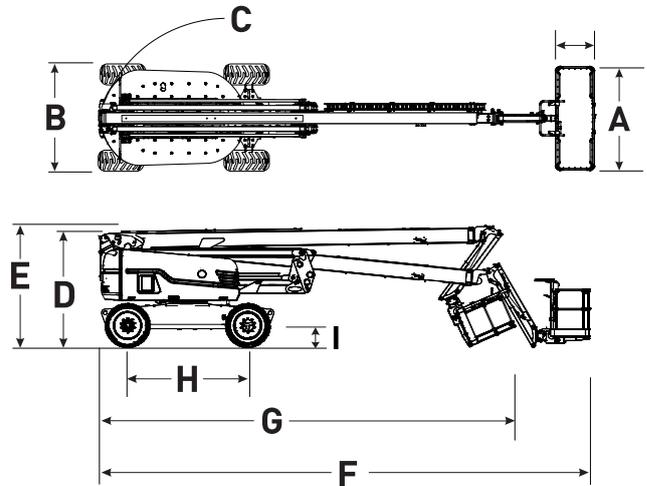
† Capacities, and machine weights may differ when options are added.

‡ Certain option pricing not available at time of printing.

Preliminary specifications at time of printing. Standard lead times may be increased when optional equipment is added, consult factory.

# 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 1.83 m        |
| <b>B</b> Stowed Width          | 2.49 m               |
| <b>C</b> Tailswing             | 0.91 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 | 10.00 m              |
| <b>H</b> Wheelbase             | 2.84 m               |
| <b>I</b> Ground Clearance      | 0.34 m               |
| Specifications                 | SJ85 AJ              |
| Rotation                       | 360°                 |
| Platform Rotation              | 170°                 |
| Jib Length                     | 1.68 m               |
| Jib Range +/-                  | +65°/-60°            |
| Weight                         | 16,965 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         |
| Maximum # of Persons           | 2 / 3                |
| Tyre Type                      | Grip lug foam-filled |
| Tyre Size                      | 18-625               |
| Diesel Engine                  | 55 kW                |
| Fuel Tank Capacity             | 115 L                |
| Hydraulic Reservoir            | 170 L                |



SJ85 AJ Work Height (m)

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