

# SJ45/60 AJE+ ELECTRIC ARTICULATING BOOMS



## STANDARD FEATURES

- 23A automatic battery charger with battery condition indicator
- 415 Ah AGM batteries
- Integrated electric traction motor brake
- Low battery warning indicator light
- EASYDRIVE™ Direction sensing drive and steer controls
- SKYRISER™ True vertical rise
- AXLDRIIVE™ Axle-based 4WD system
- Operator controlled locking rear differential and limited slip front differential
- Oscillating steer axle
- Drivable at full height
- 45% Gradeability
- Non-marking tyres
- SKYCODED™ control system
- Swing up cowlings for easy access
- Proportional controls
- Up to 454 kg capacities
- Bolt-in platform railings
- Lanyard attachment points
- Dual-entry sliding mid rails (SJ45 AJE+)
- Tri-entry sliding mid rails (SJ60 AJE+)
- 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



- 42% operational carbon saving compared to previous model\*



- Zero emissions



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



- 90% recyclable (by weight)



- Up to 50% less hydraulic connections – reduces leak potential
- Bio-degradeable hydraulic oil – *optional*



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

\*Compared to SJ45 AJ+ & SJ60 AJ+ diesel



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Preliminary specifications at time of printing.

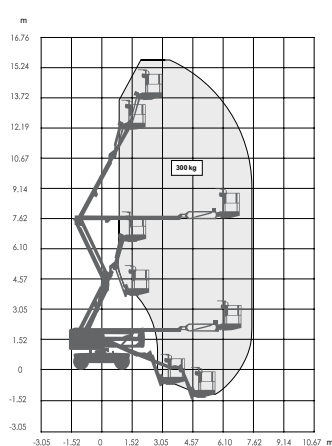
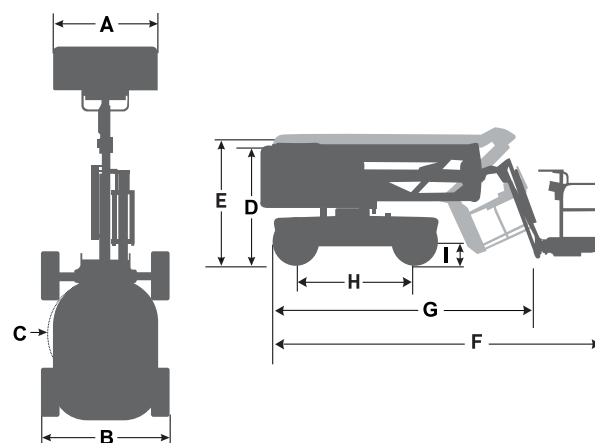
† Standard lead times may be increased when optional equipment is added, consult factory.

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

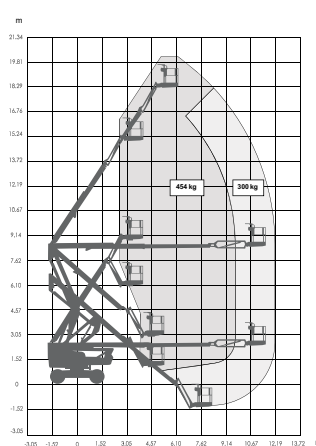
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# SJ45/60 AJE+ ELECTRIC ARTICULATING BOOMS

| Dimensions                          | SJ45 AJE+                                  | SJ60 AJE+       |
|-------------------------------------|--|-----------------|
| Work Height                         | 15.72 m                                    | 20.29 m         |
| Platform Height                     | 13.72 m                                    | 18.29 m         |
| Horizontal Reach                    | 6.93 m                                     | 11.56 m         |
| Horizontal Work Reach               | 7.53 m                                     | 12.16 m         |
| Up and Over Height                  | 7.45 m                                     | 8.31 m          |
| <b>A</b> Platform Size              | 0.76 x 1.83 m                              | 0.91 x 2.44 m   |
| <b>B</b> Stowed Width               | 2.29 m                                     | 2.44 m          |
| <b>C</b> Tailswing                  | 0.61 m                                     | 0.61 m          |
| <b>D</b> Stowed Height              | 2.06 m                                     | 2.54 m          |
| <b>E</b> Transportation Height      | 2.37 m                                     | 2.79 m          |
| <b>F</b> Stowed Length              | 6.00 m                                     | 8.59 m          |
| <b>G</b> Transportation Length      | 4.75 m                                     | 6.60 m          |
| <b>H</b> Wheelbase                  | 2.03 m                                     | 2.44 m          |
| <b>I</b> Ground Clearance           | 0.39 m                                     | 0.33 m          |
| Specifications                      | SJ45 AJE+                                  | SJ60 AJE+       |
| Rotation                            | 355° NC                                    |                 |
| Platform Rotation                   | 170°                                       |                 |
| Jib Length                          | 1.40 m                                     | 1.52 m          |
| Jib Range +/-                       | +70° / -75°                                | +65° / -60°     |
| Weight                              | 5,407 kg                                   | 8,880 kg        |
| Gradeability                        | 45%  |                 |
| Turning Radius (Inside)             | 1.50 m                                     | 2.21 m          |
| Turning Radius (Outside)            | 4.34 m                                     | 5.31 m          |
| Axle Oscillation                    | 12.70 cm                                   | 10.16 cm        |
| Drive Speed (High speed)            | 4.8 km/h                                   |                 |
| Capacity                            | 300 kg                                     | 300 / 454 kg    |
| Maximum Wind Rating                 | 12.5 m/s                                   | 12.5 m/s        |
| Personnel Rating at Max Wind Rating | 2  | 2 / 3           |
| Tyre Size                           | 10 x 31                                    | 14 x 610        |
| Tyre Type                           | N/M Solid                                  | N/M Foam-Filled |
| Batteries                           | 415 Ah AGM                                 |                 |
| Charge Time                         | 0–100% <15 hrs / Bulk charge 20–80% <9 hrs |                 |
| Hydraulic Reservoir                 | 91 L                                       | 115 L           |



SJ45 AJE+ WORKING ENVELOPE



SJ60 AJE+ WORKING ENVELOPE

## ACCESSORIES

- Glazier kit
- Pipe rack
- Tool caddy

## OPTIONS

- Flashing light
- All motion alarm
- 0.91 x 1.83 m platform (SJ60 AJE+)
- Side spring hinged entry gate (SJ45 AJE+)
- Rear spring hinged entry gate (SJ60 AJE+)
- Control box cover
- Bio oil
- White noise alarm
- ELEVATE telematics

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