



# SJ30 ARJE/ARJE

## ELECTRIC ARTICULATING BOOM

### STANDARD FEATURES

- Rotating jib (SJ30 ARJE only)
- Direct AC electric drive
- Dual spring applied, electromagnetically released brakes
- Regenerative braking
- Speed and angle sensing traction control
- 48V 305 Ah battery pack
- 28 mph (12.5 m/s) wind rating
- DC powered emergency lowering
- Secondary guarding electrical (SGE)
- Drivable at full height
- 355° Non-continuous turret rotation
- 35% Gradeability
- Swing out battery trays
- Swing out cowlings
- Modular platform railing system
- Rear-entry sliding mid rail
- 110V AC outlet on platform with GFI
- EASYDRIVE™ Direction sensing drive and steer controls
- SKYRISER™ true vertical rise
- Proportional drive and boom controls
- Function speed selector
- Relay based control system
- SKYCODED™ Color coded and numbered wiring system
- Hourmeter
- Operator horn
- Overload sensing system
- All motion alarm
- Tie down/lifting lugs
- 22 x 7 x 12 solid rubber, non-marking tires
- Telematics ready
- 2 Year Gold Leaf Warranty (5 year structural warranty)

### ACCESSORIES AND OPTIONS

- Pipe rack
- Platform work lights
- Tool caddy
- High capacity batteries (360 Ah)
- AGM batteries (330 Ah)
- Rear entry gate
- Bio oil
- Control box cover
- Flashing light
- 1/2" Airline to platform
- 1000W AC Inverter
- Non destructive testing

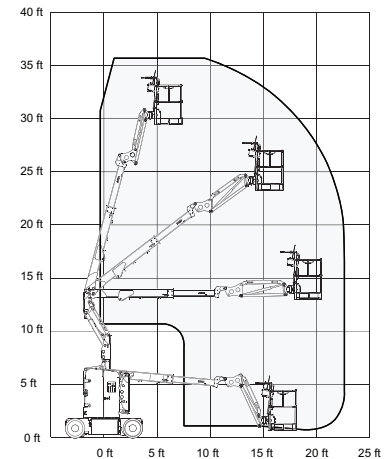
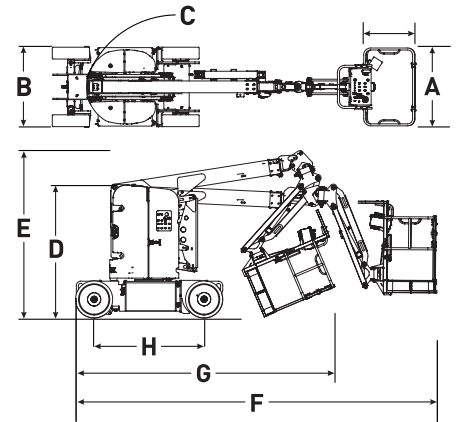
Preliminary specifications at time of printing. Consult your local area sales representative for details.

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

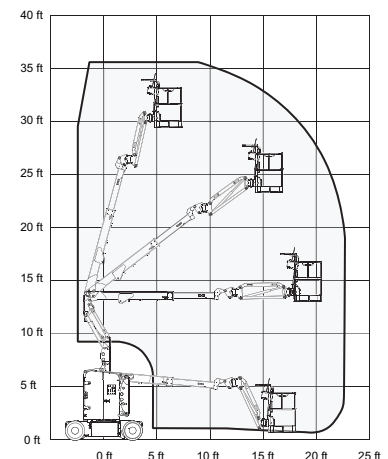
‡ Capacities, and machine weights may differ when options are added.

# SJ30 AJE/ARJE ELECTRIC ARTICULATING BOOM

| Dimensions                               | SJ30 AJE                    | SJ30 ARJE        |
|------------------------------------------|-----------------------------|------------------|
| Work Height                              | 35' 9" (10.90 m)            | 35' 6" (10.82 m) |
| Platform Height                          | 29' 9" (9.07 m)             | 29' 6" (9.00 m)  |
| Horizontal Reach                         | 20' 6" (6.25 m)             |                  |
| Up and Over Height                       | 13' 1" (3.99 m)             |                  |
| <b>A</b> Platform Size                   | 30" x 46" (0.76 m x 1.17 m) |                  |
| <b>B</b> Stowed Width                    | 47" (1.19 m)                |                  |
| <b>C</b> Tailswing                       | 0                           |                  |
| <b>D</b> Stowed Height                   | 6' 7" (2.01 m)              |                  |
| <b>E</b> Transport Height                | 7' 10" (2.39 m)             | 8' 4" (2.54 m)   |
| <b>F</b> Stowed Length                   | 17' 11" (5.46 m)            | 17' 10" (5.44 m) |
| <b>G</b> Transport Length                | 13' 5" (4.09 m)             |                  |
| <b>H</b> Wheelbase                       | 65" (1.65 m)                |                  |
| Ground Clearance                         | 4" (10.16 cm)               |                  |
| Specifications                           | SJ30 AJE                    | SJ30 ARJE        |
| Turret Rotation                          | 355° NC                     |                  |
| Platform Rotation                        | 180°                        |                  |
| Jib Length                               | 49" (1.25 m)                |                  |
| Jib Range of Motion - Vertical           | 142° (+77°/-65°)            |                  |
| Jib Range of Motion - Horizontal         | -                           | 180°             |
| Weight                                   | 12,265 lbs (5,563 kg)       |                  |
| Gradeability - Counterweight Facing Up   | 35%                         |                  |
| Gradeability - Counterweight Facing Down | 25%                         |                  |
| Turning Radius (Inside)                  | 60" (1.52 m)                |                  |
| Turning Radius (Outside)                 | 127" (3.23 m)               |                  |
| Drive Speed (Stowed)                     | 3.0 mph (4.8 km/h)          |                  |
| Drive Speed (Elevated/Extended)          | 0.4 mph (0.64 km/h)         |                  |
| Capacity                                 | 500 lbs (227 kg)            |                  |
| Local Floor Load (With Rated Load)       | 218 psi (1,505 kPa)         |                  |
| Overall Floor Load (With Rated Load)     | 464 psf (22 kPa)            |                  |
| Maximum # of Persons (indoors/outdoors)  | 2/1                         |                  |
| Wind Rating                              | 28 mph (12.5 m/s)           |                  |
| Tire Type                                | Solid, N/M                  |                  |
| Tire Size                                | 22 x 7 x 12                 |                  |



SJ30 AJE



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**Skyjack Head Office**  
 55 Campbell Rd. Guelph, ON Canada N1H 1B9  
 Sales Inquiries: 1-877-755-4387 (1-877-SJLIFTS)  
 Main Switchboard: 1-800-265-2738  
 Phone: 519-837-0888  
 Fax: 519-837-8104  
 Email: skyjack@skyjack.com  
 www.skyjack.com

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