

JA18JE / JA20JE ELECTRIC ARTICULATING BOOM LIFT

# Electric Boom Lift.

## Works at 20.1–22.1 m.

“Standard proportional control, emergency descent, overload alarm and platform collision avoidance.”



HORIZONTAL REACH

11.5–12.9 m

Horizontal Outreach

|                      |             |
|----------------------|-------------|
| Platform height max. | 18.1–20.1 m |
| Up and over height   | 8.1–8.2 m   |
| Platform capacity    | 250 kg      |

### 4 Key Specifications

| Max. Working Height | Platform Capacity | Drive Speed             | Battery             |
|---------------------|-------------------|-------------------------|---------------------|
| 20.1–22.1 m         | 250 kg            | 4.8 km/h                | 48/420 V/Ah         |
| (JA18JE / JA20JE)   | (Max. 2 persons)  | (Stowed; 1 km/h raised) | (Charger 48VDC/60A) |

### Standard Configurations

- Proportional control
  - Action buzzer warning device
  - Emergency descent system
  - Intelligent hazard alarm
- Emergency stop device
  - Platform collision avoidance device
  - Automatic braking system
  - Work strobe warning light
- Charging action interlock
  - Platform self-locking door
  - Full height walking
  - Oil pipe explosion-proof system
- Overload alarm system
  - Work timer
  - Automatic fault diagnosis
  - Platform pedal switch

### Optional Configurations

- AC power supply to platform
  - Platform anti-collision pole
- Fingerprint lock
  - Intelligent interconnection
- Millimeter wave radar
  - Wireless remote control
- Pneumatic tube to platform
  - Platform work lighting

# Technical Data

## 1 Specification

| Model                             | JA18JE        | JA20JE        |
|-----------------------------------|---------------|---------------|
| Max. working height               | 20.1m         | 22.1m         |
| Platform height max.              | 18.1m         | 20.1m         |
| Horizontal outreach               | 11.5m         | 12.9m         |
| Up and over height                | 8.1m          | 8.2m          |
| Platform (length × width)         | 1.83m × 0.76m | 1.83m × 0.76m |
| Stowed length A                   | 8.6m          | 9.6m          |
| Overall width B                   | 2.46m         | 2.46m         |
| Stowed height C                   | 2.53m         | 2.53m         |
| Wheelbase D                       | 2.5m          | 2.5m          |
| Ground clearance E                | 0.44m         | 0.44m         |
| Turning radius (inside / outside) | 3.4m/5.4m     | 3.4m/5.4m     |
| Tyre model                        | 355/55D625    | 355/55D625    |

## 2 Productivity

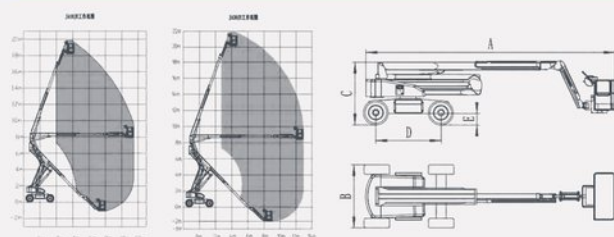
|                              |                       |                       |
|------------------------------|-----------------------|-----------------------|
| Platform capacity            | 250kg                 | 250kg                 |
| Max. platform occupancy      | 2                     | 2                     |
| Gradeability                 | 40%                   | 40%                   |
| Drive speed (stowed)         | 4.8km/h               | 4.8km/h               |
| Drive speed (raised)         | 1km/h                 | 1km/h                 |
| Tilt alarm (max. work slope) | 3° / 5°               | 3° / 5°               |
| Turntable tailswing          | 0.42m                 | 0.42m                 |
| Platform rotation            | 180°                  | 180°                  |
| Jib swing angle              | 130°                  | 130°                  |
| Turntable rotation           | 360° (non-continuous) | 360° (non-continuous) |

## 3 Power

|                                        |                 |                 |
|----------------------------------------|-----------------|-----------------|
| Battery voltage / capacity             | 48V/420Ah       | 48V/420Ah       |
| Li-battery voltage / capacity (option) | 48V/420Ah       | 48V/420Ah       |
| Charger output current                 | 48VDC/60A       | 48VDC/60A       |
| AC driving motor                       | 32VAC/3.3kW × 4 | 32VAC/3.3kW × 4 |
| AC feature motor                       | 31VAC/12kW      | 31VAC/12kW      |
| Emergency power unit                   | 12VDC/2.2kW     | 12VDC/2.2kW     |

## 4 Weight

|                |        |        |
|----------------|--------|--------|
| Machine weight | 8300kg | 9500kg |
|----------------|--------|--------|



## Dimension Drawings

Symbols correspond to the units column above.