

## ZX135/70 BOOM LIFT

### 135FT DIESEL BOOM LIFT ARTICULATED

| Models                                       | ZX-135/70      |             |
|----------------------------------------------|----------------|-------------|
| Measurements                                 | US             | Metric      |
| Working height max.(1)                       | 141 ft         | 43.15m      |
| Platform height max.                         | 135 ft         | 41.15m      |
| Below ground reach                           | 19 ft 3 in     | 5.87m       |
| Horizontal reach max. - riser extended       | 59 ft 2 in     | 18.03m      |
| Horizontal reach max. - riser retracted      | 69 ft 9 in     | 21.26m      |
| Up and over clearance max. - riser extended  | 75 ft 6 in     | 23.01m      |
| Up and over clearance max. - riser retracted | 32 ft 6 in     | 9.91m       |
| 1 Platform length (8 ft/6 ft)                | 3 ft/2 ft 6 in | 0.91m/0.76m |
| 2 Platform width (8 ft/6 ft)                 | 8 ft/6 ft      | 2.44m/1.83m |
| 3 Height - stowed                            | 10 ft 1.5 in   | 3.09m       |
| 4 Length - stowed                            | 42 ft 5 in     | 12.93m      |
| 5 Width (axes retracted)                     | 8 ft 2 in      | 2.49m       |
| 6 Width (axes extended)                      | 12 ft 11 in    | 3.94m       |
| 7 Wheelbase (axes retracted)                 | 13 ft 6 in     | 4.11m       |
| 8 Wheelbase (axes extended)                  | 13 ft 6 in     | 4.11m       |
| 9 Ground clearance - center                  | 1 ft 3 in      | 0.38m       |

#### Productivity

|                                                     |                       |             |
|-----------------------------------------------------|-----------------------|-------------|
| Lift capacity max. - unrestricted                   | 600 lb                | 272 kg      |
| Platform rotation                                   | 160°                  |             |
| Jib length                                          | 12/20 ft              | 3.66/6.10m  |
| Vertical jib rotation                               | 110°                  |             |
| Turntable rotation                                  | 360°                  |             |
| Drive speed - stowed <sup>(3)</sup>                 | 3.0 mph               | 4.8 km/h    |
| Drive speed - raised                                | 0.68 mph              | 1.1 km/h    |
| Gradeability - stowed <sup>(3)</sup>                | 45 %                  |             |
| Tilt sensor activation (front to back/side to side) | 4.5° / 4.5°           |             |
| Turning radius - inside/outside (axle retracted)    | 26 ft 4 in/32 ft 8 in | 8.03m/9.96m |
| Turning radius - inside/outside (axle extended)     | 9 ft 6 in/20 ft 3 in  | 2.90m/6.17m |
| Tires (foam-filled)                                 | 445 D50/710           |             |

#### Power

|                         |        |        |
|-------------------------|--------|--------|
| Power                   | Diesel |        |
| Auxiliary power unit    | 12V DC |        |
| Hydraulic tank capacity | 65 gal | 246.1L |
| Fuel tank capacity      | 40 gal | 151 L  |

#### Weight(3) and Floor Loading<sup>(6)</sup>

|                                 |           |           |
|---------------------------------|-----------|-----------|
| Weight                          | 46,500 lb | 21,092 kg |
| Tire contact pressure           | 130 psi   | 896 kPa   |
| Occupied floor pressure (tires) | 209 psf   | 9.99 kPa  |

#### Sound and Vibration Levels

|                                             |                          |                      |
|---------------------------------------------|--------------------------|----------------------|
| Sound Pressure level (ground workstation)   | 85 dBA                   |                      |
| Sound Pressure level (platform workstation) | 74 dBA                   |                      |
| Vibrations                                  | 8 ft 2 in/s <sup>2</sup> | 2.5 m/s <sup>2</sup> |

