AH 75A/85A/100A

ARTICULATING TELESCOPIC AERIAL DEVICE

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AH 75A/85A/100A

**FEATURES**

- Articulating and Telescoping Lower and Upper Booms
- 2100 lbs (953 kg) Total Boom-tip Capacity in Any Boom Position
- Fiberglass Platform
  - 1300 lbs (590 kg) 40 x 60 x 42 in
  - End Mounted Rotating Platform
- Material Handling System
  - Up to 1500 lbs (680 kg) jib capacity in any boom position
  - Hydraulically Extending and Articulating Jib
  - 180 Degree Horizontal Rotation of Jib Assembly (Manual)
- Automatic Hydraulic Platform Leveling
- Single Handle Upper Control with Safety Interlock
- Category A Upgradeable - Standard Configuration Includes:
  - Corona Ring
  - Lower Conductive Shield
  - Pre-wired for Leakage Monitor
- Two Hydraulic Tool Circuits at Boom Tip
- Radial Outriggers
- Outrigger Boom Interlock System
- Secondary Stowage System
- Outrigger Motion Alarm
- Back-Up Alarm

**OPTIONS**

- Platforms
  - Aluminum 2100 lbs capacity 36 x 70 x 42 in
  - Aluminum 2100 lbs capacity 36 x 96 x 42 in
  - Fiberglass 800 lbs capacity 24 x 48 x 42 in
- Current Leakage Monitor
- Hydraulic Intensifier at Platform
- Fall Protection System
- Platform Liner
- Outrigger Pads
- Wheel Chocks

Recommended safety equipment, available through Altec Supply, include a platform liner, fall protection system, wheel chocks and outrigger pads.

**LIGHTWEIGHT DESIGN**
The lightweight boom design maximizes payload and increases options for chassis configuration.

**PLATFORM CAPACITY**
The fiberglass platform capacity holds up to 1300 lbs for increased productivity.

### CONFIGURATIONS

<table>
<thead>
<tr>
<th></th>
<th>AH75A</th>
<th>AH85A</th>
<th>AH100A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground to Bottom of Platform*</td>
<td>68.0 ft (20.7 m)</td>
<td>80.0 ft (24.4 m)</td>
<td>95.0 ft (29.0 m)</td>
</tr>
<tr>
<td>Working Height*</td>
<td>73.0 ft (22.3 m)</td>
<td>85.0 ft (26.0 m)</td>
<td>100.0 ft (30.5 m)</td>
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<tr>
<td>Maximum Side Reach</td>
<td>46.0 ft (13.7 m)</td>
<td>48.0 ft (14.6 m)</td>
<td>50.5 ft (15.4 m)</td>
</tr>
<tr>
<td>Stowed Travel Height*</td>
<td>12.2 ft (3.8 m)</td>
<td>12.5 ft (3.8 m)</td>
<td>12.5 ft (3.8 m)</td>
</tr>
<tr>
<td>Upper Boom Isolation</td>
<td>10.6 ft (3.2 m)</td>
<td>10.6 ft (3.2 m)</td>
<td>10.6 ft (3.2 m)</td>
</tr>
<tr>
<td>Lower Boom Isolation</td>
<td>18.0 in (457 mm)</td>
<td>18.0 in (457 mm)</td>
<td>18.0 in (457 mm)</td>
</tr>
<tr>
<td>Platform Capacity</td>
<td>1300 lb (590 kg)</td>
<td>1300 lb (590 kg)</td>
<td>1300 lb (590 kg)</td>
</tr>
<tr>
<td>Max. Boom Dielectric Rating</td>
<td>500 kV</td>
<td>500 kV</td>
<td>500 kV</td>
</tr>
<tr>
<td>Upper Boom Articulation</td>
<td>0° - 160°</td>
<td>0° - 160°</td>
<td>0° - 160°</td>
</tr>
<tr>
<td>Upper Boom Telescopic Extension</td>
<td>5.0 ft (1.5 m)</td>
<td>7.0 ft (2.1 m)</td>
<td>11.0 ft (3.4 m)</td>
</tr>
<tr>
<td>Lower Boom Articulation</td>
<td>0° - 105°</td>
<td>0° - 95°</td>
<td>0° - 90°</td>
</tr>
<tr>
<td>Lower Boom Telescopic Extension</td>
<td>8.0 ft (2.4 m)</td>
<td>11.0 ft (3.4 m)</td>
<td>14.0 ft (4.3 m)</td>
</tr>
<tr>
<td>Rotation</td>
<td>Continuous</td>
<td>Continuous</td>
<td>Continuous</td>
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</table>

*Based on a 40 in (1016 mm) chassis frame height in compliance with ANSI A92.2.

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