



# Altec D2/3/4A Series Specifications

## GENERAL SPECIFICATIONS

| Item                                         | D2045A     |           | D2050A     |           | D2055A     |           |
|----------------------------------------------|------------|-----------|------------|-----------|------------|-----------|
| Rating Classification 1                      | 15,000 lb  | (6804 kg) | 14,747 lb  | (6689 kg) | 13,978 lb  | (6340 kg) |
| Maximum Sheave Height                        | 45.4 ft    | (13.8 m)  | 50.0 ft    | (15.0 m)  | 54.9 ft    | (16.7 m)  |
| Sheave Height                                |            |           |            |           |            |           |
| Both Booms Retracted                         | 29.0 ft    | (8.8 m)   | 30.9 ft    | (9.4 m)   | 33.4 ft    | (10.2 m)  |
| One Boom Extended                            | 37.5 ft    | (11.4 m)  | 40.7 ft    | (12.4 m)  | 45.7 ft    | (13.9 m)  |
| Both Booms Extended                          | 45.4 ft    | (13.8 m)  | 50.0 ft    | (15.0 m)  | 54.9 ft    | (16.7 m)  |
| Horizontal Reach from Centerline of Rotation |            |           |            |           |            |           |
| Both Booms Retracted                         | 19.2 ft    | (5.9 m)   | 21.1 ft    | (6.4 m)   | 23.6 ft    | (7.2 m)   |
| One Boom Extended                            | 27.7 ft    | (8.4 m)   | 31.0 ft    | (9.4 m)   | 36.0 ft    | (10.9 m)  |
| Both Booms Extended                          | 35.7 ft    | (10.9 m)  | 40.3 ft    | (12.3 m)  | 45.3 ft    | (13.8 m)  |
| Boom Extension                               |            |           |            |           |            |           |
| Intermediate Boom                            | 8.5 ft     | (2.6 m)   | 9.8 ft     | (3.0 m)   | 12.3 ft    | (3.8 m)   |
| Upper Boom                                   | 8.0 ft     | (2.4 m)   | 9.3 ft     | (2.8 m)   | 9.3 ft     | (2.8 m)   |
| Boom Articulation                            | -17 to 83° |           | -17 to 83° |           | -17 to 83° |           |
| Digging Radius                               |            |           |            |           |            |           |
| Minimum                                      | 16.8 ft    | (5.1 m)   | 18.7 ft    | (5.7 m)   | 21.2 ft    | (6.5 m)   |
| Maximum                                      | 25.3 ft    | (7.7 m)   | 28.5 ft    | (8.7 m)   | 33.5 ft    | (10.2 m)  |

Based on 40 in (1016 mm) Chassis Frame Height

| Item                                         | D3050A     |           | D3055A     |           | D3060A     |           |
|----------------------------------------------|------------|-----------|------------|-----------|------------|-----------|
| Rating Classification 1                      | 15,479 lb  | (7021 kg) | 15,000 lb  | (6804 kg) | 15,000 lb  | (6804 kg) |
| Maximum Sheave Height                        | 49.6 ft    | (15.1 m)  | 54.5 ft    | (16.6 m)  | 59.5 ft    | (18.2 m)  |
| Sheave Height                                |            |           |            |           |            |           |
| Both Booms Retracted                         | 30.8 ft    | (9.4 m)   | 33.2 ft    | (10.1 m)  | 34.0 ft    | (10.4 m)  |
| One Boom Extended                            | 40.4 ft    | (12.3 m)  | 45.4 ft    | (13.8 m)  | 47.0 ft    | (14.3 m)  |
| Both Booms Extended                          | 49.6 ft    | (15.1 m)  | 54.5 ft    | (16.6 m)  | 59.5 ft    | (18.2 m)  |
| Horizontal Reach from Centerline of Rotation |            |           |            |           |            |           |
| Both Booms Retracted                         | 21.1 ft    | (6.4 m)   | 23.6 ft    | (7.2 m)   | 24.5 ft    | (7.5 m)   |
| One Boom Extended                            | 31.0 ft    | (9.4 m)   | 36.0 ft    | (11.0 m)  | 37.6 ft    | (11.5 m)  |
| Both Booms Extended                          | 40.3 ft    | (12.3 m)  | 45.3 ft    | (13.8 m)  | 50.3 ft    | (15.3 m)  |
| Boom Extension                               |            |           |            |           |            |           |
| Intermediate Boom                            | 9.8 ft     | (3.0 m)   | 12.3 ft    | (3.8 m)   | 13.2 ft    | (4.0 m)   |
| Upper Boom                                   | 9.3 ft     | (2.8 m)   | 9.3 ft     | (2.8 m)   | 12.7 ft    | (3.9 m)   |
| Boom Articulation                            | -15 to 80° |           | -15 to 80° |           | -15 to 80° |           |
| Digging Radius                               |            |           |            |           |            |           |
| Minimum                                      | 18.7 ft    | (5.7 m)   | 21.2 ft    | (6.5 m)   | 22.0 ft    | (6.7 m)   |
| Maximum                                      | 28.5 ft    | (8.7 m)   | 33.5 ft    | (10.2 m)  | 35.2 ft    | (10.7 m)  |

Based on 40 in (1016 mm) Chassis Frame Height



# Altec D2/3/4A Series Digger Derricks



## GENERAL SPECIFICATIONS

| Item                                         | D4050A              | D4055A              | D4060A              | D4065A              |
|----------------------------------------------|---------------------|---------------------|---------------------|---------------------|
| Rating Classification 1                      | 19,217 lb (8717 kg) | 18,458 lb (8372 kg) | 18,052 lb (8188 kg) | 17,387 lb (7886 kg) |
| Maximum Sheave Height                        | 49.6 ft (15.1 m)    | 54.5 ft (16.6 m)    | 59.5 ft (18.2 m)    | 64.9 ft (19.8 m)    |
| Sheave Height                                |                     |                     |                     |                     |
| Both Booms Retracted                         | 30.8 ft (9.4 m)     | 33.2 ft (10.1 m)    | 34.0 ft (10.3 m)    | 35.8 ft (10.9 m)    |
| One Boom Extended                            | 40.4 ft (12.3 m)    | 45.4 ft (13.8 m)    | 47.0 ft (14.3 m)    | 50.6 ft (15.4 m)    |
| Both Booms Extended                          | 49.6 ft (15.1 m)    | 54.5 ft (16.6 m)    | 59.5 ft (18.2 m)    | 64.9 ft (19.8 m)    |
| Horizontal Reach from Centerline of Rotation |                     |                     |                     |                     |
| Both Booms Retracted                         | 21.1 ft (6.4 m)     | 23.6 ft (7.2 m)     | 24.5 ft (7.5 m)     | 26.3 ft (8.0 m)     |
| One Boom Extended                            | 31.0 ft (9.4 m)     | 36.0 ft (11.0 m)    | 37.6 ft (11.5 m)    | 41.3 ft (12.6 m)    |
| Both Booms Extended                          | 40.3 ft (12.3 m)    | 45.3 ft (13.8 m)    | 50.3 ft (15.4 m)    | 55.8 ft (17.0 m)    |
| Boom Extension                               |                     |                     |                     |                     |
| Intermediate Boom                            | 9.8 ft (3.0 m)      | 12.3 ft (3.8 m)     | 13.2 ft (4.1 m)     | 15.0 ft (4.6 m)     |
| Upper Boom                                   | 9.3 ft (2.8 m)      | 9.3 ft (2.8 m)      | 12.7 ft (3.9 m)     | 14.5 ft (4.4 m)     |
| Boom Articulation                            | -15 to 80°          | -15 to 80°          | -15 to 80°          | -15 to 80°          |
| Digging Radius                               |                     |                     |                     |                     |
| Minimum                                      | 18.7 ft (5.7 m)     | 21.2 ft (6.5 m)     | 22.0 ft (6.7 m)     | 23.9 ft (7.3 m)     |
| Maximum                                      | 28.5 ft (8.7 m)     | 33.5 ft (10.2 m)    | 35.2 ft (10.8 m)    | 38.9 ft (11.9 m)    |

Based on 40 in (1016 mm) Chassis Frame Height



Radio Remote Controls



## Altec D2/3/4A Series Specifications

### STANDARD FEATURES

- Continuous Rotation With High Capacity Drive Gearbox
- Outrigger Boom Interlock System
- Hydraulic Extending Full Capacity Fiberglass Upper Boom
- Operator Main Control Panel With Multi-Lever Controls
- Emergency Stop Switch on Main Control Panel(s)
- Five Function Hydraulic Overload Protection System
- Boom Storage Protection System
- Altec Electronic Side Load Protection (E-SLP) with Load Sense
- Fiberglass Boom Tip and Transferable Steel Flares for Pole Setting
- Hydraulically Tilting Pole Guide With Pole Guide Interlock
- Insulated per ANSI "46kV and below" Dielectric Rating
- Painted White With Altec Powder Coat Paint Process
- Designed and Manufactured in Facilities Certified to ISO 9001
- Turntable Winch (All Models) or Boom Tip Winch (D2/3000A Only)
- Rear Mount (All Models), Behind Cab Mount (D2/3000A Only), or Corner Mount (D2000A Only)
- Conformance to ANSI A10.31-2006.

### RECOMMENDED FEATURES

- Fall Protection System
- Wheel Chocks
- Platform Liner
- Outrigger Pads

### OPTIONS

- Upper Controls
- Mechanical Shift and Hydra-Sync Two-Speed Diggers
- Altec RotaFloat® Assists With Setting Screw Anchors
- Fiberglass Jibs for Material and Personnel Handling
- Altec OptiView® Riding Seat
- Traditional Control Seat
- Joystick Controller for Three Basic Functions of Derrick
- High Speed Winch
- Engine Foot Throttle
- Radio Remote Main Control Panel
- Right-Hand or Left-Hand Digger Storage

Altec Digger Derricks meet or exceed all applicable ANSI Standards as of the date of manufacture. Altec reserves the right to improve models and change specifications without notice or obligation.



*Altec OptiView® Riding Seat Provides Clear View of Work Zone*

Altec Sales and Service  
Sales – 800-958-2555  
Service – 877-GO-ALTEC



Manufacturing and Service Facilities Located  
Throughout the United States and Canada  
[www.altec.com](http://www.altec.com)

ALT2002075  
D2/3/4A-2M-4/09

### Altec Industries, Inc.

Post Office Box 10264  
Birmingham, Alabama 35202  
Phone 205/991-7733  
Fax 205/991-9993  
[sales@altec.com](mailto:sales@altec.com)