



# Altec D2/3/4A Series Digger Derricks

- Up to 65 ft (19.8 m) of Pole Setting Sheave Height
- Capacity to 30,000 lbs (13,608 kg)
- Altec Opti-View® Control Seat
- Altec RotaFloat® for Setting Screw Anchors
- Altec Electronic Side Load Protection (ESLP) with Load Sense





# 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*

## 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
- Platform Liner
- Wheel Chocks
- 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*



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