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 **Altec**
DUAL-RATED SOLUTION

AC65E-155S

STANDARD FEATURES

- 6-Section 155 ft Main Boom with Two Extension Modes for Maximized Lifting Capacity Across the Working Range
- 4-Position Swing-Out-and-Down Outriggers with Independent Control of Swing, Extend, and Down Jack Functions
- Altec LMAP (Load Moment & Area Protection) System with Smart-Zone Rating to Allow for Asymmetric Outrigger Setups
 - » Rated Capacity Limiter
 - » Displays: Boom Length, Boom Angle, Load on Hook, Percent of Rated Capacity
 - » Operator Defined Audible Alarm Set-Points for Boom Angle, Length and Rotational Position
- E-Series Electric Over Hydraulic Control System
- Dual Entry 20° Tilt Cab with Heater and A/C
- Outrigger Boom Interlock System
- Winch Drum Rotation Indicator
- Anti-Two Block Device
- Winch Control and Boom Telescope Control at Load Hook Stow Point
- 15,000 lb 2-Speed High-Performance Piston Winch
- Rotation Resistant Wire Rope
- Altec Insights, Lifetime Access

OPTIONS

- 12,500 lb Hydraulically Removable Counterweight
- 15,000 lb 2-Speed Auxillary Winch
- 2-Stage 50 ft Hydraulic Articulating Jib (0° to -80°), 32 ft Retracted
- 2-Stage 50 ft Manual Offset Jib (0°, 15°, 30°, 45°), 32 ft Retracted
- ANSI A92.2 Compliant Aerial Operation Package
 - » Quick Attach 2-Man Aluminum Platform, 1,200 lb (544.3 kg) Capacity
 - » Radio Remote Controls
 - » Fall Protection
 - » Lanyard Interlock System with Audible Alarm and Function Kickout
- Platform Hydraulic Tools & Intensifier Package
- Federal Bridge Compliant Unit Configuration
- Altec Insights, 12-months Access

Recommended safety equipment, available through Altec Supply, include wheel chocks and outrigger pads.

GENERAL SPECIFICATIONS

Boom Length (6-Section)	155 ft (47.2 m)
Stowed Travel Height	13.2 ft (4.01 m)
Vehicle Travel Length	39 ft (11.88 m)
4 Position Swing-Out-and-Down Outriggers	
Main/Aux Outrigger Full Span	24.8 ft / 24 ft (7.55 m / 7.3 m)
Counterweight Tail swing	10.75 ft (3.27 m)
Control System	Electric Over Hydraulic

CRANE SPECIFICATIONS

Maximum Lift Capacity	130,000 lb (58,967.0 kg)
Powered Sheave Height	165 ft (50.2 m)
Maximum Sheave Height with Telescopic Jib	215 ft (65.5 m)
Two Speed Winch Capacity	15,000 lb (6,803 kg)
ASME B30.5 Compliant	

AERIAL SPECIFICATIONS

Platform Capacity	1,200 lb (544.3 kg)
Platform Working Height	167 ft (51 m)
with Retracted Telescopic Jib	197 ft (60 m)
with Extended Telescopic Jib	216 ft (65.8 m)
ANSI A92.2 Compliant	

UNIT		RECOMMENDED CHASSIS DIM				MINIMUM RECOMMENDED CHASSIS SPECIFICATIONS				
Model	Rear Axle	CA (in)	WB (in)	AF (in)	AS (in)	Front Axle Rating (lb)	Rear Axle Rating (lb)	GVWR (lb)	Frame Sec Modulus (in ³)	Frame RBM (in-lb)
AC65E-155S	Tandem w/ Pusher Axle	234	290	116	56	40,000	60,000	105,000	consult factory	
AC65E-155S (Utility Spec)	Tri w/ 2 Pushers and Tag Axle	194	280	160	54	22,000	68,000	93,000	consult factory	

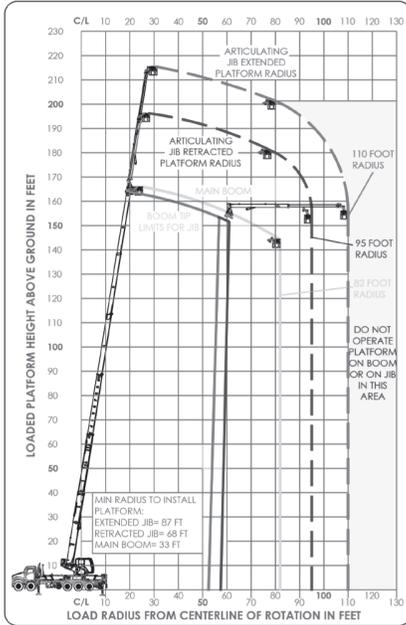


LOAD MOMENT AND AREA PROTECTION

The convenient menu navigation with an intuitive user interface displays load on hook, rated capacity percentage, boom length and angle, load radius, and operator-defined protection with audible alarms. Additionally, the AC65E comes standard with Smart-Zone Rating functionality, which uses the outrigger positions to determine where the machine has capacity for the load on hook. This provides an extra layer of safety to help prevent instability during asymmetric outrigger setups. While the display and user interface are unique to Altec, the system's hardware consists of common "off-the-shelf" components that were critically selected for their performance and serviceability.



LOAD CHART - FULL SPAN OUTRIGGERS



Main Boom -- No Jib stowed, No Platform, Full extended outriggers (100%), Full - 12.5K CW

Power Length	32.1		44.1		56.0		67.0		78.0		89.0		100.0		111.0		122.0		133.0		144.0		154.9		
Reach Length	32.1		43.1		54.1		65.1		76.1		87.1		98.1		109.1		120.1		131.1		143.0		154.9		
LOAD RADIUS (FT)	4	LBS	4	LBS	4	LBS	4	LBS	4	LBS	4	LBS	4	LBS	4	LBS	4	LBS	4	LBS	4	LBS	4	LBS	
6	74°	130,000	79°	85,100	81°	38,200																			
8	71°	120,000	76°	84,100	80°	60,200	81°	41,500																	
10	67°	101,700	74°	87,200	78°	60,700	79°	42,000	81°	41,800															
12	63°	89,300	71°	82,700	75°	61,300	78°	42,500	80°	42,200															
15	56°	75,500	67°	69,600	72°	62,400	75°	43,300	78°	42,800	80°	42,600	81°	41,600											
20	44°	59,000	59°	54,700	67°	51,100	70°	44,800	74°	44,100	77°	42,600	79°	42,300	81°	38,700	81°	23,700							
25	29°	45,400	50°	47,300	60°	46,000	66°	44,700	70°	43,400	73°	39,800	76°	39,200	78°	34,800	80°	28,800	81°	21,600	81°	14,500			
30			40°	39,300	53°	39,000	61°	38,000	66°	36,900	70°	33,400	73°	32,900	76°	30,300	77°	25,000	79°	21,500	80°	15,600	80	10,500	
35			28°	31,800	46°	33,500	55°	32,900	62°	32,000	66°	28,400	70°	28,200	73°	25,700	75°	21,200	77°	20,400	78°	15,400	79	10,300	
40			12°	19,500	38°	27,200	50°	27,900	57°	28,200	63°	24,900	67°	24,500	70°	22,300	72°	18,300	75°	17,500	76°	13,300	77	10,200	
45					28°	22,100	43°	22,900	52°	23,400	58°	21,300	63°	21,300	67°	19,500	70°	15,900	72°	15,200	74°	14,700	75	10,100	
50					11°	16,500	34°	18,900	47°	19,400	54°	19,000	60°	17,300	64°	17,200	67°	14,000	70°	13,400	72°	12,900	74	9,900	
55							28°	15,700	41°	16,200	50°	16,400	56°	14,300	61°	14,700	65°	12,500	68°	12,100	70°	11,600	72	9,700	
60							15°	13,200	35°	13,800	45°	14,100	53°	11,900	58°	12,400	62°	11,300	65°	10,700	68°	10,300	70	9,500	
65							28°	11,800	41°	12,200	48°	10,400	55°	10,400	59°	10,100	63°	9,600	66°	9,300	68	8,800			
70								18°	10,100	35°	10,500	44°	9,500	51°	8,800	56°	9,100	60°	8,600	63°	8,400	66	7,900		
75								5°	4,900	28°	9,100	40°	8,700	47°	7,900	53°	7,800	58°	7,700	61°	7,700	64	7,000		
80										20°	7,900	35°	8,100	43°	7,300	49°	6,700	55°	6,900	59°	7,000	62	6,300		
85										11°	4,200	28°	7,100	39°	6,700	46°	6,100	52°	5,800	56°	6,400	60	5,700		
90											21°	6,200	34°	6,200	42°	5,600	48°	5,200	53°	5,900	57	5,100			
95											14°	3,100	29°	5,600	38°	5,100	45°	4,700	51°	5,200	55	4,600			
100														22°	4,900	34°	4,800	41°	4,300	48°	4,500	52	3,900		
105														11°	4,200				4,400	38°	3,900	50	3,300		
110																23°	3,900	34°	3,700	41°	3,300	47	2,700		
115																14°	3,300	29°	3,400	38°	2,800	44	2,200		
120																		23°	3,000	34°	2,400	41	1,800		
125																		16°	2,600	30°	1,900	38	1,400		
130																			25°	1,500	34	1,000			
135																			18°	1,200	30	600			
140																				6°	600				
145																									
150																									
	0°	23,800	0°	16,200	0°	11,600	0°	8,700	0°	6,400	0°	5,100	0°	3,900	0°	2,900	0°	2,100	0°	1,500					

Chart is combined power and reach mode, 100% OR span, 12,500 lbs counterweight

Charts published herein are intended to be a guide only and should not be construed to warrant application for lifting purposes. Consult supplied operation manual for further details.

HYDRAULICALLY REMOVABLE COUNTERWEIGHT

For added lifting capacity, the optional Hydraulically Removable Counterweight system features a 12,500 lb tray-style design that is configurable in increments of 3,000 lbs. This system utilizes a rotation house lock system to allow for quick and easy installation/removal by the operator from inside the cab.



HYDRAULIC ARTICULATING JIB

Available for the first time on a machine of this size, the AC65E can be fitted with a 2-stage hydraulic articulating jib. This jib extends from 32 ft to 50 ft and is able to hydraulically articulate under load from 0 to -80 degrees. In material handling mode, this jib allows for superior up and over lifting capabilities while still maintaining a small setup envelope. In aerial mode, when equipped with this jib, the AC65E can achieve 110 ft of platform side reach, which rival most large non-insulating aerial devices on the market today.



MULTIPLE AVAILABLE CONFIGURATIONS

The AC65E was designed for multiple work applications, which means it can mount on a variety of different chassis configurations to meet your unique needs. Depending on the options selected, this unit can mount on anything from a standard single-steer, tri-drive rear chassis, up to a seven axle twin-steer configuration. It is also possible to configure this machine to meet federal bridge regulations, allowing the unit to transport without any overweight permits.



QUICK ATTACH ALUMINUM PLATFORM WITH OPTIONAL LANYARD INTERLOCK SYSTEM

Altec's class-leading safety features continue to be incorporated into the design of our Dual rated Products with the introduction of the improved Quick Attach Aluminum Platform. This system features a redesigned quick attach pinning system for improved rigidity and ease of installation, as well as a brand new all aluminum platform to resist corrosion. Additionally, this package is available with an optional lanyard alert system, to ensure operators are properly harnessed to the platform prior to operation. The lanyard interlock system provides an audible alert and prevents function if it senses the operator is not properly tied off.



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