



Altec AC35-127S Specifications



Altec LMAP System

RECOMMENDED FEATURES

- Wheel Chocks
- Fall Protection System (with platform)
- Radio Remote Control (with platform)

OPTIONS

- 1-Piece 31 ft (9.4 m) Jib
- 2-Man Steel Platform
- Climate-Controlled Enclosed Cab
- Load Blocks for Multiple Parts of Line
- Hydraulic Tool Circuit at Tail Shelf
- Pintle Hitch
- Hot Shift Power Take-Off
- Utility Tool Boxes
- Rotation Resistant Wire Rope
- Winch Control at Load Hook Stow Point
- Glide Swing
- Auxiliary Winch, 5000 lbs (2250 kg) Capacity

STANDARD SAFETY FEATURES

- Altec LMAP (Load Moment & Area Protection) System
 - Rated Capacity Limiter
 - Displays: Boom Length, Boom Angle, Load on Hook, Percent of Rated Capacity
 - Electronic Working Area Definition
 - Operator Defined Audible Alarm Set-Points for Boom Angle, Length and Rotational Position
- Outrigger Boom Interlock System
- Outrigger Motion Alarm
- Back-up Alarm
- Emergency Stop at Operator Controls
- Winch Drum Rotation Indicator
- Anti-Two Block Device
- Front Bumper Outrigger
- Altec Opti-View® Riding Seat Control Station

CRANE SPECIFICATIONS

- 70,000 lb (31,759 kg) Maximum Lifting Capacity
- 127 ft (38.7 m) 5-Section Non-Insulated Boom
- 137 ft (41.8 m) Maximum Sheave Height
- Stowed Travel Height of 12.9 ft (3.9 m)
- Vehicle Travel Length of 38 ft (11.6 m)
- Sequential Out-and-Down Outriggers
 - Full Span 24 ft (7.3 m)
 - Mid Span 15.75 ft (4.8 m)
 - Short Span 8.17 ft (2.5 m)
- Hydraulic Pilot-Operated Control System
- Continuous Rotation
- Hydraulic Oil Cooling System
- Life Cycle Tested for Reliability

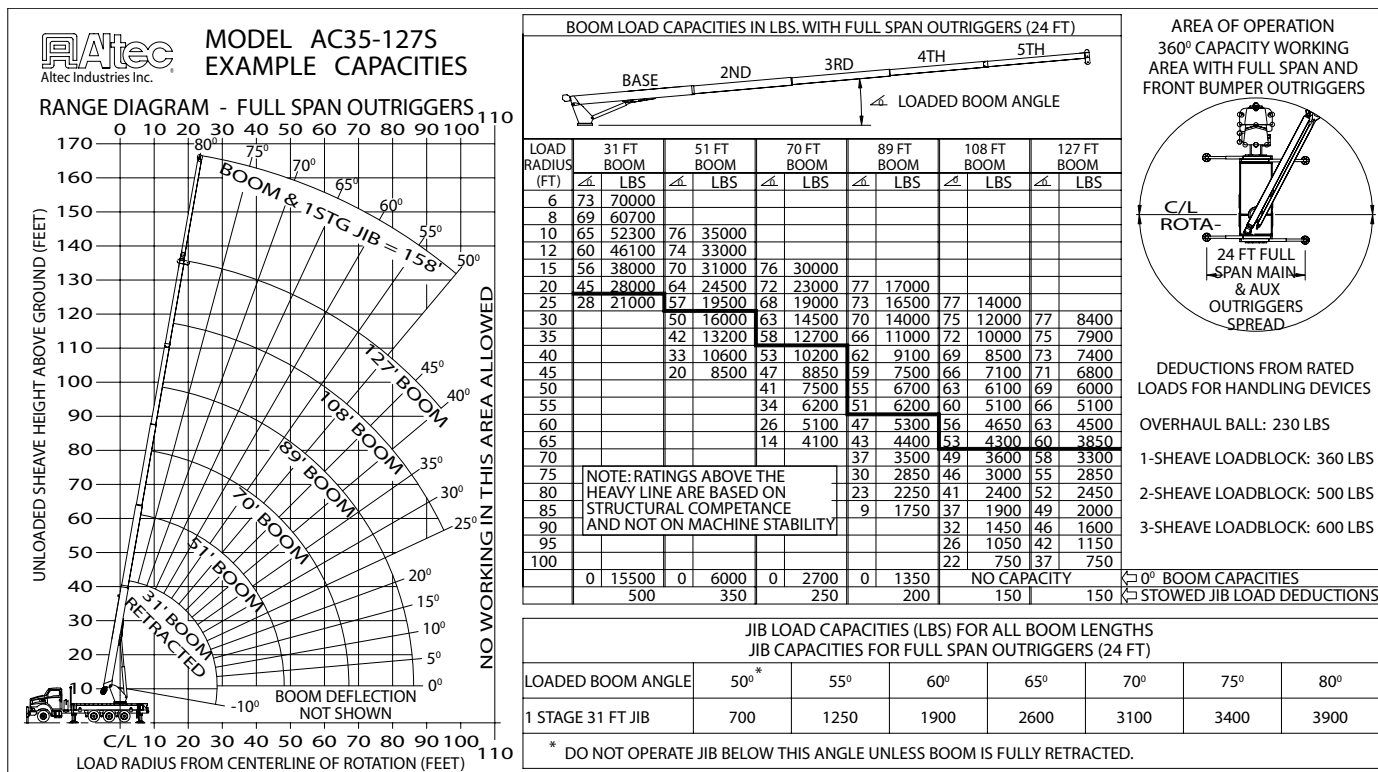
CHASSIS REQUIREMENTS

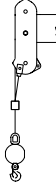
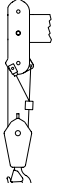
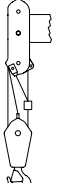
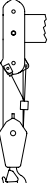
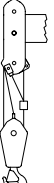
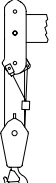
	Option 1 Rear Tandem with Pusher		Option 2 Rear Tri-Drive	
Gross Vehicle Weight Rating	70,000 lb	(31,750 kg)	70,000 lb	(31,750 kg)
Front Axle Weight Rating	20,000 lb	(9070 kg)	20,000 lb	(9070 kg)
Rear Axle Combination Rating	40,000 + 17,500 lb	(18,140 + 7940 kg)	60,000 lb	(27,220 kg)
Cab-to-Axle	192 in	(4877 mm)	177 in	(4496 mm)
Wheel Base	262 in	(6655 mm)	251 in	(6375 mm)

The CA and WB dimensions are approximate. The new Federal Exhaust Emission Standard may affect these dimensions. Confirm overall configuration before ordering chassis.



Altec AC35-127S Capacities



OPERATORS AIDS MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE. REFER TO OWNERS MANUAL. KEEP AT LEAST 3 WRAPS OF LOADLINE ON DRUM AT ALL TIMES. USE ONLY 5/8" DIAMETER IWRC OR ROTATION RESISTANT WIRE ROPE WITH 45,400 LBS. MIN. BREAKING STRENGTH ON THIS MACHINE.		1 PART LOAD LINE	2 PART LOAD LINE	3 PART LOAD LINE	4 PART LOAD LINE	5 PART LOAD LINE	6 PART LOAD LINE
							
		LOADS UP TO	LOADS UP TO	LOADS UP TO	LOADS UP TO	LOADS UP TO	LOADS UP TO
		IWRC XXIP WIRE ROPE	12,971 LBS.	25,942 LBS.	38,913 LBS.	51,884 LBS.	64,855 LBS.
ROTATION RESISTANT WIRE ROPE		9,080 LBS.	18,160 LBS.	27,240 LBS.	36,320 LBS.	45,400 LBS.	54,480 LBS.
MAXIMUM BOOM LENGTH AT MAXIMUM ELEVATION WITH RIGGING SHOWN TO REACH THE GROUND		127 FT BOOM	119 FT BOOM	87 FT BOOM	68 FT BOOM	55 FT BOOM	46 FT BOOM
WINCH		LIFTS AND SPEEDS					
5/8" DIAMETER IWRC XXIP CABLE SUPPLIED	STANDARD PLANETARY WINCH HIGH SPEED	6170 LBS. 298 FT/MIN	12,340 LBS. 149 FT/MIN	18,510 LBS. 99 FT/MIN	24,680 LBS. 74 FT/MIN	30,850 LBS. 59 FT/MIN	37,020 LBS. 49 FT/MIN
	STANDARD PLANETARY WINCH LOW SPEED	12340 LBS. 149 FT/MIN	24,680 LBS. 74 FT/MIN	37,020 LBS. 49 FT/MIN	49,360 LBS. 37 FT/MIN	61,700 LBS. 29 FT/MIN	70,000 LBS. 24 FT/MIN
ALL WINCH PULLS AND SPEEDS IN THIS CHART ARE SHOWN ON THE 3RD LAYER. WINCH LINE PULLS WOULD INCREASE ON THE FIRST AND SECOND LAYERS. WINCH LINE SPEED WOULD DECREASE ON THE FIRST AND SECOND LAYERS. WINCH LINE PULLS MAY BE LIMITED BY THE WINCH CAPACITY OF 10,439 LBS FULL DRUM OR ANSI CABLE SAFETY LIMITS SHOWN IN CHART FOR IWRC XXIP AND ROTATION RESISTANT WIRE ROPES.							

CAUTION:

- Load ratings shown are maximum allowable loads with the crane mounted on an Altec-approved chassis.
- Loaded boom angles at specified boom lengths give only an approximation of the operating radius. The boom angle before loading should be greater to account for deflections. Do not exceed the operating radius for rated loads.
- When between listed lengths for radii, always use the smallest of values shown. Capacities for the 31 ft. boom length must only be lifted with boom fully retracted.
- Load ratings are based on freely suspended loads with the crane properly set-up on outriggers, with the machine leveled and standing on firm uniform supporting surface.
- Actual working capacities depend on supporting surfaces, wind and other factors affecting stability such as hazardous surroundings, experience of personnel, and proper handling.
- Weights of load block, stowed jib, or other accessories must be deducted from the rated capacities shown.



For Service: 1-877-GO-ALTEC
For Sales: 1-866-966-2969

Altec Cranes are supported by service centers and over 115 mobile service technicians positioned across North America, seven days a week, 24 hours a day.

United States:

Alabama Service Center
 1730 Vanderbilt Road
 Birmingham, AL 35234

Arizona Service Center
 2420 South 16th Avenue
 Phoenix, AZ 85007

California Service Center (Northern)
 325 Industrial Way
 Dixon, CA 95620

California Service Center (Southern)
 2882 Pomona Boulevard
 Pomona, CA 91766

Colorado Service Center
 641 Telluride Street
 Aurora, CO 80011

Florida Service Center
 2570 Old Okeechobee Road
 West Palm Beach, FL 33409

Georgia Service Center
 287 First Street
 Forest Park, GA 30297

Indiana Service Center
 5201 West 84th Street
 Indianapolis, IN 46268

Kentucky Service Center
 200 Altec Drive
 Elizabethtown, KY 42701

Maryland Service Center
 1434 Hughes Ford Road
 Frederick, MD 21701

Massachusetts Service Center
 28 Wales Street
 Millbury, MA 01527

Missouri Service Center
 2106 S. Riverside Road
 St. Joseph, MO 64507

North Carolina Service Center
 1550 Aerial Avenue
 Creedmoor, NC 27522

Ohio Service Center
 1236 Township Road 1175
 Ashland, OH 44805

Oregon Service Center
 13817 NE Sandy Boulevard
 Portland, OR 97230

Pennsylvania Service Center
 250 Laird Street
 Plains, PA 18705

Texas Service Center
 1001 Solon Road
 Waxahachie, TX 75156

Virginia Service Center
 325 South Center Drive
 Daleville, VA 24083

Canada:

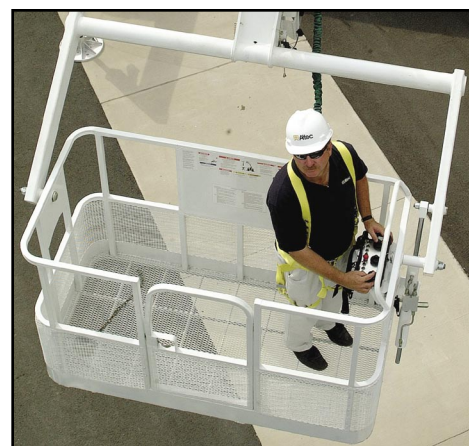
British Columbia Service Center
 12352 84th Avenue
 Surrey, BC V3W 0J5

Manitoba Service Center
 57 Durand Road
 Winnipeg, Manitoba R2J 3T1

Ontario Service Center
 831 Nipissing Road
 Milton, Ontario L9T 4Z4



Vehicle Travel Height of 12.9 ft (3.9 m)



Optional 2-Man Platform

Altec Industries, Inc.

325 South Center Drive
 Daleville, VA 24083
 1-540-992-5300



Manufacturing and Service Facilities Located
 Throughout the United States and Canada
www.altec.com