



Altec AC18-70B Hydraulic Telescopic Crane



- 18 Ton (16.3 t) Maximum Lifting Capacity
- 70 ft (21.3 m) 3-Section Boom
- Altec LMAP (Load Moment & Area Protection) System



Altec AC18-70B Specifications



Altec LMAP System

RECOMMENDED FEATURES

- Wheel Chocks
- Fall Protection System (with Platform)
- Radio Remote Control (with Platform)
- Outrigger Pads

CRANE SPECIFICATIONS

- 36,000 lb (16,330 kg) Maximum Lifting Capacity
- 70 ft (21.3 m) 3-Section Non-Insulated Boom
- 80 ft (24.4 m) Maximum Sheave Height
- Stowed Travel Height of 12.8 ft (3.9 m)
- Vehicle Travel Length of 38 ft (11.6 m)
- Outriggers; Primary – Pivoting Beam; Auxiliary – Modified A-Frame
- Hydraulic Pilot-Operated Control System
- Life Cycle Tested for Reliability
- 180° Rotation Work Range Standard

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
- Anti-Two Block Device

OPTIONS

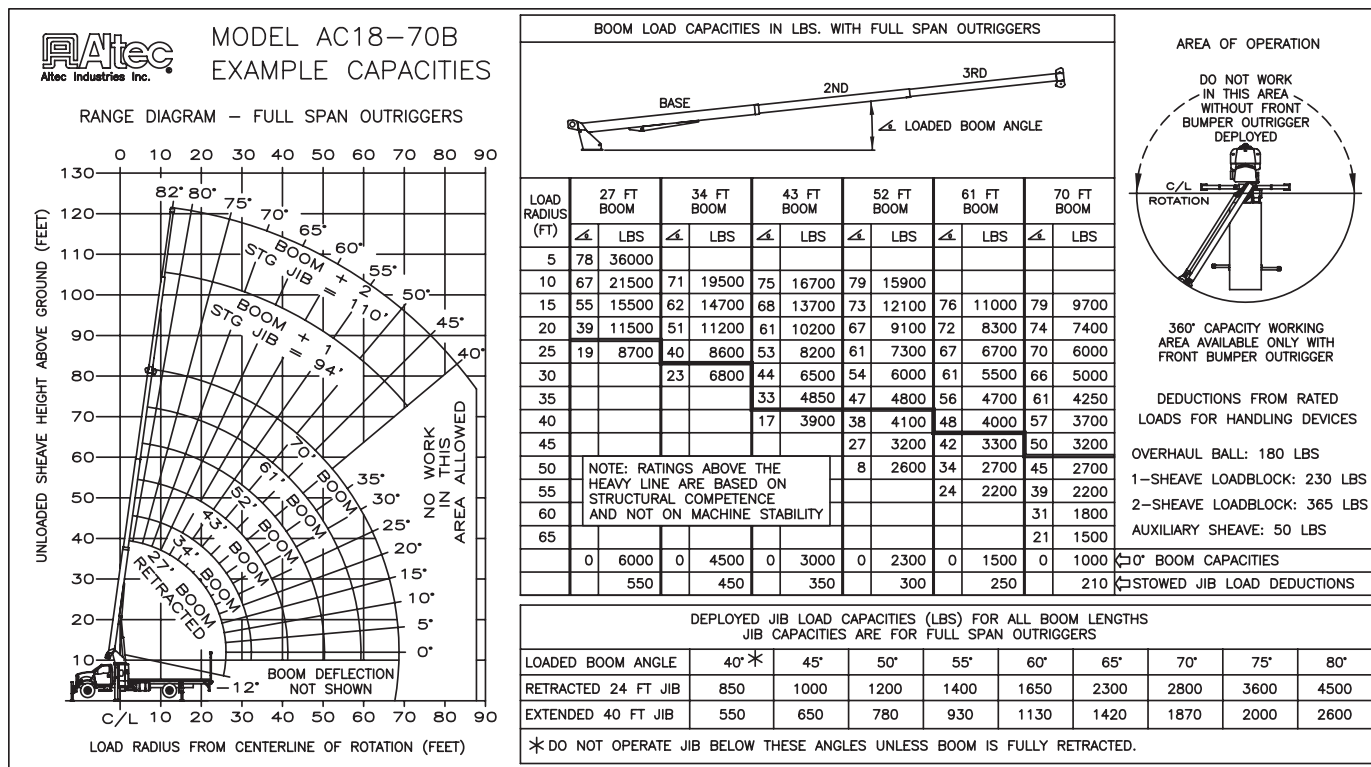
- 2-Piece 40 ft (12.2 m) Jib, 24 ft (7.3 m) Retracted
- 1-Piece 24 ft (7.3 m) Jib
- Winch Control at Load Hook Stow Point
- 2-Man Rotating Steel Platform
- 2-Man Steel Platform
- Load Blocks for Multiple Parts of Line
- Hydraulic Tool Circuit at Tail Shelf
- Pintle Hitch
- Utility Tool Boxes
- Rotation Resistant Wire Rope
- Oil Cooler
- Winch Drum Rotation Indicator
- 370° Rotation Work Range with Front Outrigger
- 360° Continuous Rotation with Front Outrigger

MINIMUM CHASSIS REQUIREMENTS

Gross Vehicle Weight Rating	33,000 lb	14,969 kg
Front Axle Weight Rating	13,000 lb	5897 kg
Rear Axle Rating	20,000 lb	9072 kg
Cab-To-Axle	168 in	4267 mm
Wheel Base	236 in	5994 mm



Altec AC18-70B Capacities



OPERATOR 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 9/16" DIAMETER IWRC OR ROTATION RESISTANT WIRE ROPE WITH 37,000 LBS. MIN. BREAKING STRENGTH ON THIS MACHINE.		1 PART LOAD LINE	2 PART LOAD LINE	3 PART LOAD LINE	4 PART LOAD LINE
		LOADS UP TO	LOADS UP TO	LOADS UP TO	LOADS UP TO
IWRC XXIP WIRE ROPE		10,571 LBS.	21,142 LBS.	31,713 LBS.	36,000 LBS.
ROTATION RESISTANT WIRE ROPE		7,400 LBS.	14,800 LBS.	22,200 LBS.	29,600 LBS.
MAXIMUM BOOM LENGTH AT MAXIMUM ELEVATION WITH RIGGING SHOWN TO REACH THE GROUND		70 FT BOOM + 44 FT JIB	70 FT BOOM	49 FT BOOM	37 FT BOOM
WINCH		LIFTS AND SPEEDS			
9/16" DIAMETER IWRC XXIP CABLE SUPPLIED	STANDARD PLANETARY WINCH SUPPLIED	8,410 LBS. 147 FT/MIN	16,820 LBS. 74 FT/MIN	25,230 LBS. 49 FT/MIN	33,640 LBS. 37 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 8,410 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-foot 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

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Vehicle Travel Height 12.8 ft (3.9 m)



Rotating Platform

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Manufacturing and Service Facilities Located
 Throughout the United States and Canada
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