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 **Altec**
TELESCOPIC CRANE

STANDARD FEATURES

- Altec LMAP (Load Moment & Area Protection) System
 - » 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
- Outrigger Boom Interlock System
- Outrigger Motion Alarm
- Winch Drum Rotation Indicator
- Anti-Two Block Device
- Rotation Resistant Wire Rope
- Winch Control at Load Hook Stow Point
- Hydraulic Oil Cooling System

OPTIONS

- 1-Piece Jib: 26 ft (7.9 m)
- 2-Piece Jib: 26 ft (7.9 m) Retracted, 44 ft (13.4 m) Extended
- Load Block
- Load Block and Ball Storage on Deck of Crane
- ASME B30.23 Personnel Lifting Package
 - » 2-Man Fixed Steel Platform, 800 lb (362.9 kg) Capacity
 - » Radio Remote Controls
 - » Fall Protection
- ASME B30.23 Compliant Test Weight Package
- Hydraulic Tool Circuit at Tail Shelf

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

CRANE SPECIFICATIONS

Maximum Lift Capacity	47,000 lb (21,319kg)
Boom Length (4-Section)	95 ft (29 m)
Powered Sheave Height	105 ft (32 m)
Maximum Sheave Height with 2-Stage Jib	149 ft (45.4 m)
Stowed Travel Height	13.25 ft (4 m)
Vehicle Travel Length	39.6 ft (12.1 m)
3-Position, Sequential Out and Down Outriggers	
Full Span	18.5 ft (5.6 m)
Mid Span	14 ft (4.3 m)
Short Span	9 ft (2.7 m)
Two Speed Winch Capacity	12,000 lb (5,443 kg)
Control System	Pilot-Operated, Hydraulic
ASME B30.5 Compliant	

LOAD MOMENT AND AREA PROTECTION

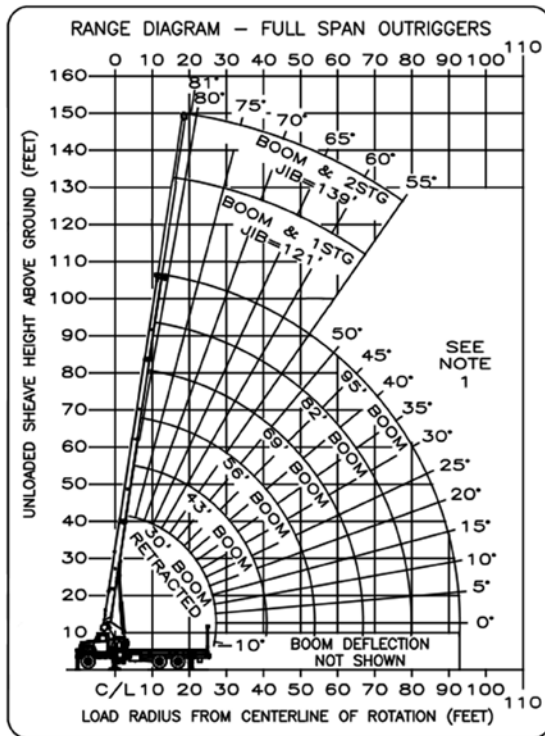


The convenient LMAP menu navigation with an intuitive user interface displays load on hook, rated capacity percentage, boom length and angle, load radius, and operator-defined protection with audible alarms. While the intuitive display and user interface are unique to Altec, the system's hardware consists of common "off-the-shelf" components that were critically selected for their performance and serviceability.

UNIT		RECOMMENDED CHASSIS DIM				MINIMUM RECOMMENDED CHASSIS SPECIFICATIONS				
Model	Rear Axle	CT (in)	WB (in)	AF (in)	Rear Axle Spread (in)	Front Axle Rating (lb)	Rear Axle Rating (lb)	GVWR (lb) W	Frame Sec Modulus (in ³)	Frame RBM (in-lb)
AC23-95B	Tandem	194	264	130	54	16,000	34,000	50,000	consult factory	
AC23-95R	Tandem	181	248	130	54	16,000	34,000	50,000	consult factory	
AC23-95S	Tandem	193	261	110	54	16,000	34,000	50,000	consult factory	



LOAD CHART (AC23-95B) - FULL SPAN OUTRIGGERS



BOOM LOAD CAPACITIES IN LBS. WITH FULL SPAN OUTRIGGERS

LOAD RADIUS (FT)	30 FT BOOM	43 FT BOOM	56 FT BOOM	69 FT BOOM	82 FT BOOM	95 FT BOOM
5	77 47000					
8	71 36800	77 17600				
10	66 30900	74 17800	78 17500			
12	62 26100	71 18000	76 17600			
14	57 22200	68 18200	74 17700	78 17400		
16	52 19100	65 18500	72 17900	76 16100	79 13900	
18	47 17600	62 18000	70 18100	75 14900	78 12900	80 10000
20	41 15400	59 15800	68 16000	73 13900	76 12000	79 10000
25	19 11400	51 11900	62 12100	68 11600	73 10100	76 8800
30		42 9300	56 9500	64 9700	69 8300	73 7600
35		30 7400	49 7600	59 7800	65 7000	70 6400
40			42 6100	54 6250	61 6100	66 5500
45			33 4800	48 4950	57 5050	63 4800
50			20 3800	42 4000	52 4100	59 4150
55				35 3200	47 3300	55 3400
60				26 2600	42 2700	51 2750
65				11 2100	36 2200	47 2250
70					29 1750	42 1850
75					20 1400	37 1500
80						32 1150
85						24 900
90						14 675
0	8000	0 4900	0 3100	0 2000	0 1150	0 575
	825	550	425	350	300	250

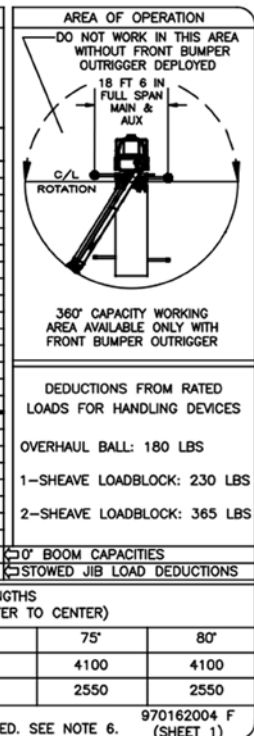
NOTE: RATINGS ABOVE THE HEAVY LINE ARE BASED ON STRUCTURAL COMPETENCE AND NOT ON MACHINE STABILITY

DEPLOYED JIB LOAD CAPACITIES (LBS) FOR ALL BOOM LENGTHS

JIB CAPACITIES ARE FOR FULL SPAN OUTRIGGERS (18 FT 6 IN CENTER TO CENTER)

LOADED BOOM ANGLE	55°	60°	65°	70°	75°	80°
RETRACTED 26 FT JIB	775	1450	2250	3100	4100	4100
EXTENDED 44 FT JIB	550	1125	1550	2050	2550	2550

* DO NOT OPERATE JIB BELOW THIS ANGLE UNLESS BOOM IS FULLY RETRACTED. SEE NOTE 6.



Note 1: When jib is erected, boom must be fully retracted before lowering below minimum boom with jib angles. Retracted boom with jib has no lifting capacity below a 50 degree angle with full span outriggers and below a 65 degree angle not shown on jib load rating chart.

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.



DUAL STAND-UP WALK THROUGH CONTROL STATIONS

Dual walk-through controls for the AC23-95B and AC23-95R models allow the operator the ability to work from either side of the bed for best visibility depending on application providing an unobstructed view of the bed and work area. In addition, the hand guards assist in providing three points of contact for users as they exit or enter the control station for direct access to the bed, or returning to the control from the bed.

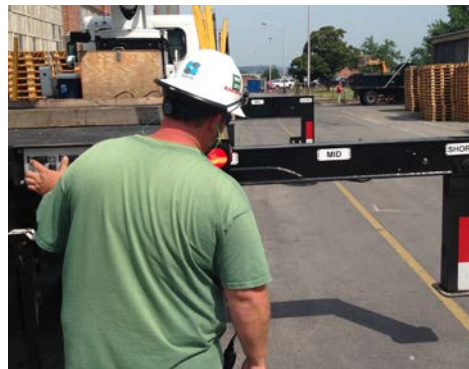
ALTEC OPTI-VIEW® RIDING SEAT

As standard equipment on the AC23-95S, Altec's Opti-View riding seat control station maximizes the operator's visibility of the worksite. The operator is provided with safe and confident access to the controls all while maintaining operator comfort.



OUTRIGGER CONTROLS AT TAILSHELF

Outrigger controls at the tailshelf allow the operator to access the controls from either side of the bed for best visibility of the contact surface which reduces the chance of a crushing hazard while deploying and retracting outriggers.



LOWER WINCH CONTROL

The lower winch control helps prevent boom damage by reducing the flow pressure to the winch during stowage. The operator can control the load block or ball while winching up or down during set up and stowage without the need to access the upper control station, reducing slip/trip/fall hazard exposure.



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