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### STANDARD 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
- Emergency Stop at Operator Controls
- Anti-Two Block Device

## **OPTIONS**

- 2-Piece Jib: 44 ft (13.4 m) Jib, 26 ft (7.9 m) Retracted
- 2-Man Steel Platform
- Load Blocks for Multiple Parts of Line
- · Hydraulic Tool Circuit at Tail Shelf
- Pintle Hitch
- Winch Drum Rotation Indicator
- Utility Tool Boxes
- · Rotation Resistant Wire Rope

Recommended equipment, available through Altec Supply, include wheel chocks, a fall protection system, radio remote control and outrigger pads.

# **CRANE SPECIFICATIONS**

Maximum Lift Capacity	52,000 lb (23,588 kg)					
Boom Length (4-Section)	103 ft (31.4 m)					
Maximum Sheave Height with 2-Stage Jib	113 ft (34.4 m)					
Stowed Travel Height	13.3 ft (4.0 m)					
Vehicle Travel Length	38 ft (11.6 m)					
Outriggers	Primary - Pivoting Beam; Auxiliary - Out-and-Down					
Rotation	370°, Non-Continuous					
Control System	Pilot-Operated, Hydraulic					
ASME B30.5 Compliant						

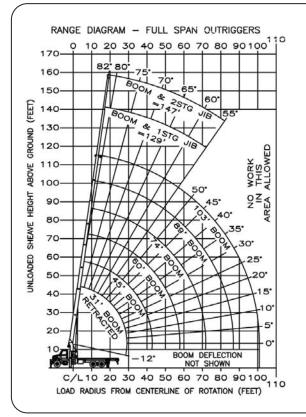
## LOAD MOMENT AND AREA PROTECTION



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.

UNI	Ť	R	ECOMMENDE	D CHASSIS D	otM	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)	
AC26-103B	Tandem	190	258	130	54	20,000	40,000	60,000	consult factory		
AC26-103R	Tandem	192	261	130	54	20,000	40,000 + 17,500	70,000	consult factory		
AC26-103S	Tandem	192	262	110	54	20,000	40,000	60,000	consult factory		

# LOAD CHART (AC26-103B) - FULL SPAN OUTRIGGERS



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-	_	BAS	_				T	< LOADER		OM ANGLE			_ IN THIS AR	REA _
3	7						_1^	E COADEC	, 60	OM ANGLE	•		BUMPER OUTF	RIGGER \
LOAD	31 FT BOOM		45 FT BOOM		60 FT BOOM		74 FT BOOM		89 FT BOOM		103 FT BOOM		DEPLOYE	, /
(FT)	∡ LBS		1	LBS	Á.	LBS	1	LBS	4	LBS	1	LBS	C/L ROTATION	<b>-</b>
5	79	52000	_										ROTATION	
8	74	36400	80	24000	_		_						\ ///	
10	70	30500	79	24000	70	00000	-				Н		\ ///	/
12	67	26300 22800	76 73	23500	79			10700	_	_	$\vdash$	_		
16	60	20400	70	18600	78	18000	79	18300		-	$\vdash$			• /
18	55	18000	68	16900	74	16400	77	14800	79	14000	$\vdash$			/
20	51	15800	65	15200	72	14900	75	13700	78	12600	79	10850		
25			58	11900	67	11600	71	11000	75	10200	78	9500	360° CAPACITY	
30			50	9400	62	9400	67	9100	72	8500	75	8000	AREA AVAILABLE ( FRONT BUMPER (	
35			41	7400	56	7700	63	7500	69	7200	72	7000	THOM DOME LICE	TO THIO DELIC
40			30	5900	51		60	6200			70	6000		
45					44	5100	55	5200		5200	-	5200	DEDITORIO	
50					36	4100	50	4400		4400	63	4500	DEDUCTIONS FRO	
55					24	3200	45	3600	55	3700	60	3900	LOADS FOR HANDL	ING DEVICES
60 65	1						38	2800 2100	51	3100 2600	56	3300 2750		
70				RE BASE			22	1600	41	2100	54	2300	OVERHAUL BALL: 18	n i es
75				OMPETEN		` Н		1000	36	1700	45	1900	OTENHAUL BALL: 10	C LD3
80				MACHINE		BILITY	-		29	1300	41	1550	1-SHEAVE LOADBLO	CK: 230 LE
85									21	800	36	1200		
90											30	800	2-SHEAVE LOADBLO	CK: 365 LE
95											24	550		
100		- 2									10	400		
	0	8000	0	4500	0	2500	0	1400	0	700	0		O' BOOM CAPACITIE	
		900	_	650	_	500	_	400		350		300	STOWED JIB LOAD	DEDUCTIONS
										FOR AL		OOM LENG GGERS	STHS	
LOADED BOOM ANGLE 55° *					60° 65°			65*	70"		75*	80,		
RETRACTED 26 FT JIB 450					110	)	1800			3350	4350	5350		
EXTENDED 44 FT JIB 300					900			1550 2050			2550	3150		

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 futher details.



### **DUAL STAND-UP WALK THROUGH CONTROL STATIONS**

Dual walk-through controls for the AC26-103B and AC26-103R 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.

### **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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