AC38-127S



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GUAY

Altec®
TELESCOPIC CRANE

AC38-127S

GUAY

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
- Altec Opti-View® Riding Seat Control Station
- 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
- Front Bumper Outrigger

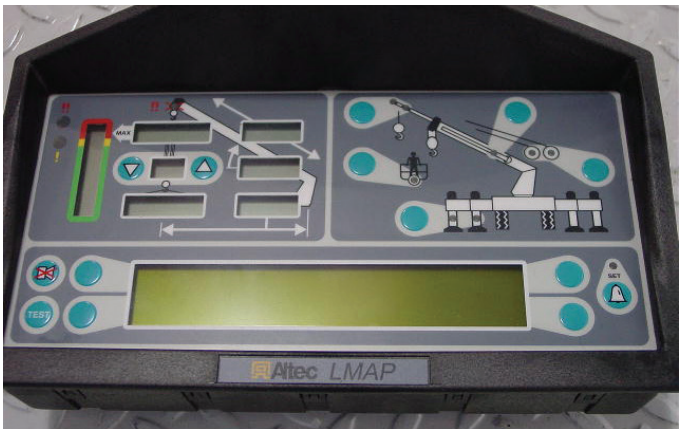
OPTIONS

- Dual Entry 20° Tilt Cab with Heater and A/C
- ASME B30.23 Personnel Lifting Package
  - » 2-Man, Steel Platform
    Fixed, 800 lb (362.8 kg) Capacity
    Rotating, 1,200 lb (544.3 kg) Capacity
  - » Radio Remote Controls
  - » Fall Protection
- ASME B30.23 Compliant Test Weight Package
- 1-Piece 31 ft (9.4 m) Jib
- 2-Piece 55 ft (16.8 m) Jib, 31 ft (9.4 m) Retracted
- Rotating Front Bumper Outrigger
- Load Block and Ball Storage on Deck of Crane
- Auxiliary Hoist
- Glide Swing
- Emergency 12V DC Lowering System

CRANE SPECIFICATIONS

Maximum Lift Capacity	76,000 lb (34,475 kg)
Boom Length (5-Section)	127 ft (38.7 m)
Powered Sheave Height	137 ft (41.8 m)
Maximum Sheave Height	192 ft (58.5 m)
Stowed Travel Height	12.9 ft (3.9 m)
Vehicle Travel Length	38 ft (11.6 m)
3 Position Out-and-Down Outriggers	
Full Span	24 ft (7.3 m)
Mid Span	15.8 ft (4.8 m)
Short Span	8.17 ft (2.5 m)
Control System	Pilot-Operated, Hydraulic
ASME B30.5 Compliant	

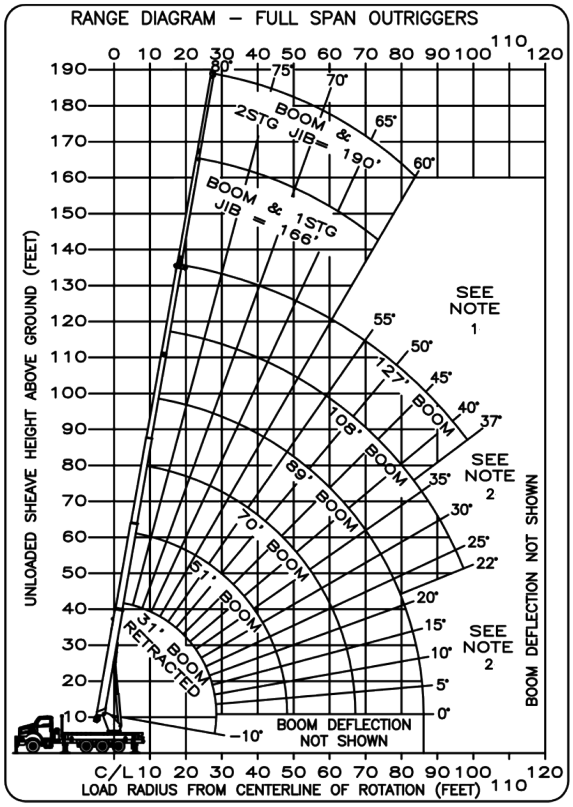
LOAD MOMENT AND AREA PROTECTION



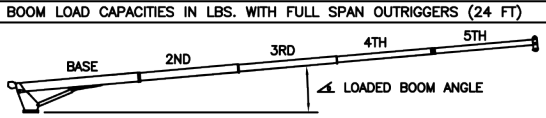
The ability to provide vital data to operators, continuously monitor crane operation and send alerts of potential overloads, while maximizing crane work capacity, is invaluable. The LMAP system offers customers and operators easy operation, fast calibration and reliable technology.

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)
AC38-127S	Tandem w/ Pusher	193	303	140	54	20,000	57,500	77,500	consult factory	
AC38-127S	Tri-Drive	193	288	140	54	20,000	66,000	86,000	consult factory	

LOAD CHART - FULL SPAN OUTRIGGERS



BOOM LOAD CAPACITIES IN LBS. WITH FULL SPAN OUTRIGGERS (24 FT)

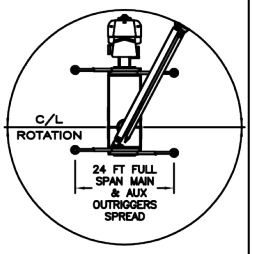


LOAD RADIUS (FT)	31 FT BOOM ∠	31 FT BOOM LBS	51 FT BOOM ∠	51 FT BOOM LBS	70 FT BOOM ∠	70 FT BOOM LBS	89 FT BOOM ∠	89 FT BOOM LBS	108 FT BOOM ∠	108 FT BOOM LBS	127 FT BOOM ∠	127 FT BOOM LBS
6	73	76000										
8	69	60700										
10	65	52300	76	35000								
12	60	46100	74	33000								
15	56	38000	70	31000	76	30000						
20	45	28000	64	24500	72	23000	77	17000				
25	28	21000	57	19500	68	19000	73	16500	77	14000		
30			50	16000	63	14500	70	14000	75	12000	77	8400
35			42	13200	58	12700	66	11000	72	10000	75	7900
40			33	10600	53	10200	62	9100	69	8500	73	7400
45			20	8500	47	8850	59	7500	66	7100	71	6800
50					41	7500	55	6700	63	6100	69	6000
55					34	6200	51	6200	60	5100	66	5100
60					26	5100	47	5300	56	4650	63	4500
65					14	4100	43	4400	53	4300	60	3850
70							37	3500	49	3600	58	3300
75	NOTE: RATINGS ABOVE THE HEAVY LINE ARE BASED ON STRUCTURAL COMPETENCE AND NOT ON MACHINE STABILITY						30	2850	46	3000	55	2850
80							23	2250	41	2400	52	2450
85							9	1750	37	1900	49	2000
90									32	1450	46	1600
95									26	1050	42	1150
100									22	750	37	750
	0	15500	0	6000	0	2700	0	1350	SEE NOTE 2			
		500		350		300		250		200		150
		1000		650		450		350		300		250

⇦0° BOOM CAPACITIES
STOWED JIB LOAD DEDUCTIONS
⇦FIXED 31FT JIB DEDUCTIONS
⇦TELESCOPIC JIB DEDUCTIONS

AREA OF OPERATION

360° CAPACITY WORKING AREA WITH FULL SPAN AND FRONT BUMPER OUTRIGGERS



DEDUCTIONS FROM RATED LOADS FOR HANDLING DEVICES

OVERHAUL BALL: 230 LBS

1–SHEAVE LOADBLOCK: 360 LBS

2–SHEAVE LOADBLOCK: 500 LBS

3–SHEAVE LOADBLOCK: 600 LBS

JIB LOAD CAPACITIES (LBS) FOR ALL BOOM LENGTHS. JIB CAPACITIES ARE FOR FULL SPAN OUTRIGGERS (24 FT)

		LOADED BOOM ANGLE	60°✳	65°	70°	75°	80°
		FIXED 31 FT JIB	1900	2600	3100	3400	3900
TELESCOPING JIB		RETRACTED 31 FT JIB	1100	2300	3100	3400	3900
		EXTENDED 55 FT JIB	700	1500	2000	2200	2500

✳ DO NOT OPERATE JIBS BELOW THIS ANGLE UNLESS BOOM IS FULLY RETRACTED. SEE NOTE 1

970153050 A (SHEET 1)

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.

Note 2: Do not lower boom into this area, instability may occur. Hydraulic pressure may not allow raising the boom without retracting boom first.

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.



OUTRIGGER CONTROLS AT TAILSHELF

Outrigger controls at the tail shelf allow the operator access to the controls from either side of the bed for best visibility of the contact surface, which reduces crushing hazards while deploying the outriggers.

ALTEC OPTI-VIEW® RIDING SEAT

As standard equipment on the AC38-127S, 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.



DUAL ENTRY CAB*

Altec's dual entry cab provides safe access/egress throughout the entire range of rotation. The 20 degree tilt feature maximizes the viewing spectrum on the job site.



* This feature is not standard equipment for the AC38-127S.

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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