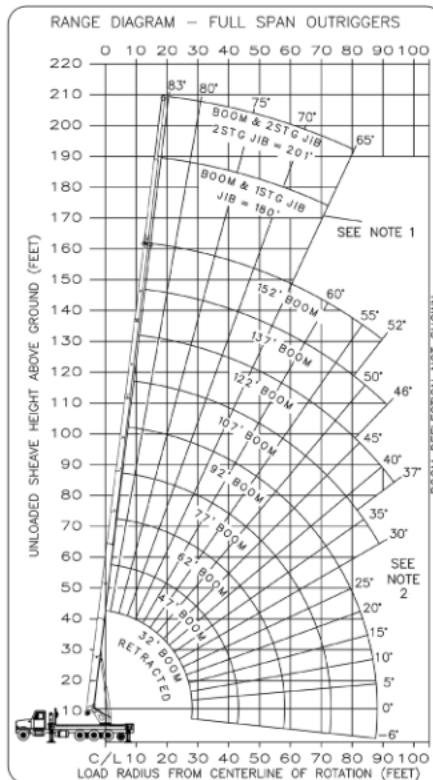


AC40-152S | LOAD CHARTS

FULL SPAN OUTRIGGERS



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

LOAD RADIUS (FT)	32 FT BOOM		47 FT BOOM		62 FT BOOM		77 FT BOOM		92 FT BOOM		107 FT BOOM		122 FT BOOM		137 FT BOOM		152 FT BOOM	
	Δ	LBS	Δ	LBS	Δ	LBS	Δ	LBS	Δ	LBS	Δ	LBS	Δ	LBS	Δ	LBS	Δ	LBS
7	72	80000	78	21100	81	21000												
8	70	75000	76	21100	80	21000												
10	66	66500	74	21100	78	21000	80	20900										
12	62	58550	71	21100	76	21000	79	20900	81	20800								
15	56	47700	67	21100	73	21000	77	20900	79	20800	82	17200						
20	43	29350	60	21100	68	21000	73	20900	76	20800	79	17200	81	14100	82	10000		
25	27	18050	53	21100	63	21000	69	20900	73	20400	76	15700	78	14100	80	10000	81	8000
30			44	18600	58	19100	65	19400	70	18900	74	13800	76	13000	78	10000	79	8000
35			34	14600	52	15200	61	15500	66	15700	71	11800	74	10800	76	10000	78	8000
40			20	11800	45	12400	56	12700	63	12800	68	10600	71	9900	74	9450	76	8000
45					38	10100	51	10400	59	10600	65	9600	69	9000	72	8500	74	8000
50					31	8250	47	8600	56	8800	62	8800	66	8200	70	7650	73	7050
55					19	6700	41	7100	52	7300	59	7400	63	7300	67	6650	70	6050
60							35	5500	47	5800	55	6000	61	6100	65	5800	68	5250
65							28	4200	43	4500	52	4700	58	4800	62	4900	66	4550
70							17	3200	38	3500	48	3600	55	3800	60	3900	64	3900
75									32	2600	44	2800	51	2900	57	3000	61	3100
80									25	1900	40	2100	48	2200	54	2300	59	2300
85									16	1200	35	1400	45	1600	51	1600	57	1700
90											30	900	41	1000	49	1100	54	1200
95													37	600	46	800	52	700
SEE NOTE 2																		
0	9400	0	8000	0	4700	0	2500	0	800									
	1130		790		600		480		400		350		300		270		240	

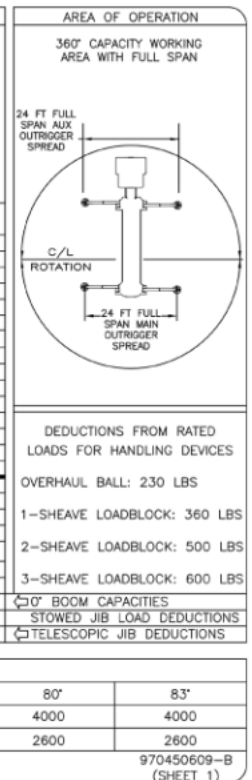
NOTE: RATINGS ABOVE THE HEAVY LINE ARE BASED ON STRUCTURAL COMPETENCE AND NOT ON MACHINE STABILITY

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

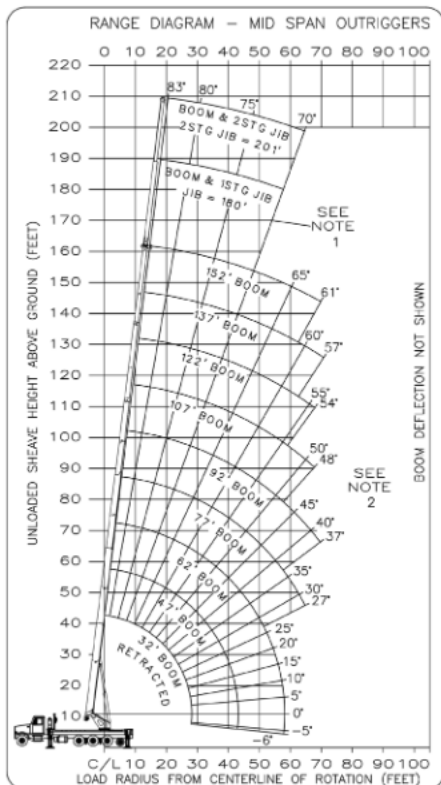
LOADED BOOM ANGLE		65°*	70°	75°	80°	83°
TELESCOPING	RETRACTED 28 FT JIB	1700	3100	4000	4000	4000
	EXTENDED 49 FT JIB	1400	2600	2600	2600	2600

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

970450609-B (SHEET 1)



MID SPAN OUTRIGGERS



BOOM LOAD CAPACITIES IN LBS. WITH MID SPAN OUTRIGGERS (17 FT 11 IN)

LOAD RADIUS (FT)	32 FT BOOM		47 FT BOOM		62 FT BOOM		77 FT BOOM		92 FT BOOM		107 FT BOOM		122 FT BOOM		137 FT BOOM		152 FT BOOM	
	Δ	LBS	Δ	LBS	Δ	LBS	Δ	LBS	Δ	LBS	Δ	LBS	Δ	LBS	Δ	LBS	Δ	LBS
7	72	80000	78	21100	81	21000												
8	70	75000	76	21100	80	21000												
10	66	66500	74	21100	78	21000	80	20900										
12	62	58550	71	21100	76	21000	79	20900	81	20800								
15	56	47850	67	21100	73	21000	77	20900	79	20800	82	17200						
20	43	29350	60	21100	68	21000	73	20900	76	20800	79	17200	80	14100	82	10000		
25	27	17550	53	19050	63	19750	69	20150	73	20400	76	15700	78	14100	80	10000	81	8000
30			44	12850	58	13450	65	13800	70	14050	74	13800	76	13000	78	10000	79	8000
35			34	9050	52	9650	61	10000	66	10200	71	10350	74	10500	76	10000	78	8000
40			20	6350	46	7000	56	7300	63	7550	68	7700	71	7800	74	7900	76	7950
45					39	5050	52	5400	59	5600	65	5750	68	5850	71	5950	74	6000
50					31	3800	47	3950	55	4150	62	4300	66	4400	69	4450	72	4550
55					19	2400	41	2800	51	3000	59	3150	63	3250	66	3300	69	3400
60							35	1850	47	2050	55	2200	60	2300	64	2400	67	2450
65							27	1100	42	1300	52	1450	57	1550	62	1650	65	1700
70									37	650	48	800	54	900	59	1000	63	1050
75																		
80																		
85																		
90																		
95																		
0	9400	0	4900	0	1700													
	1130		790		600		480		400		350		300		270		240	

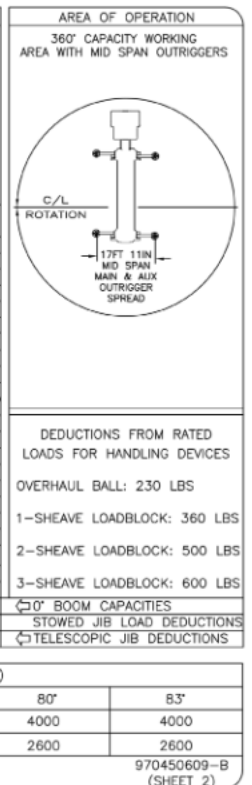
NOTE: RATINGS ABOVE THE HEAVY LINE ARE BASED ON STRUCTURAL COMPETENCE AND NOT ON MACHINE STABILITY

JIB LOAD CAPACITIES (LBS) FOR ALL BOOM LENGTHS. JIB CAPACITIES ARE FOR MID SPAN OUTRIGGERS (17 FT 11 IN)

LOADED BOOM ANGLE		70°*	75°	80°	83°
TELESCOPING	RETRACTED 28 FT JIB	1300	3900	4000	4000
	EXTENDED 49 FT JIB	1000	2600	2600	2600

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

970450609-B (SHEET 2)

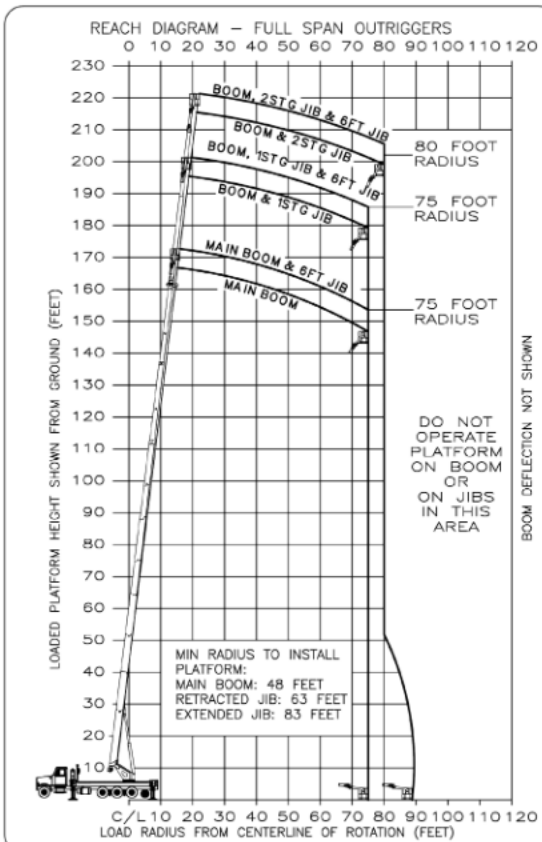


Note 1: When jib is erected, boom must be fully retracted before lowering below minimum boom with jib angles. Retracted boom with jib has no lifting capacity below a 50 degree angle with full span outriggers and below a 65 degree angle not shown on jib load rating chart.

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

AC40-152S | LOAD CHARTS

1 PART LOAD LINE	2 PART LOAD LINE	3 PART LOAD LINE	4 PART LOAD LINE	5 PART LOAD LINE	6 PART LOAD LINE	CAUTION
						OPERATOR AIDS MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE. REFER TO OWNERS MANUAL.
LOADS UP TO	LOADS UP TO	LOADS UP TO	LOADS UP TO	LOADS UP TO	LOADS UP TO	KEEP AT LEAST 3 WRAPS OF LOADLINE ON DRUM AT ALL TIMES.
12,200 LBS. 16mm STARLIFT XTRA	24,200 LBS. 16mm STARLIFT XTRA	36,600 LBS. 16mm STARLIFT XTRA	48,800 LBS. 16mm STARLIFT XTRA	61,000 LBS. 16mm STARLIFT XTRA	73,200 LBS. 16mm STARLIFT XTRA	USE ONLY 16mm DIAMETER STAR LIFT XTRA WIRE ROPE WITH 61,148 LBS MIN. BREAKING STRENGTH OR ROTATION RESISTANT WIRE ROPE WITH 47,600 LBS. MIN. BREAKING STRENGTH ON THIS MACHINE.
9,500 LBS. ROT. RESISTANT WIRE ROPE	19,000 LBS. ROT. RESISTANT WIRE ROPE	28,500 LBS. ROT. RESISTANT WIRE ROPE	38,000 LBS. ROT. RESISTANT WIRE ROPE	47,500 LBS. ROT. RESISTANT WIRE ROPE	57,000 LBS. ROT. RESISTANT WIRE ROPE	
152 FT + 49 FT JIB	142 FT BOOM	105 FT BOOM	83 FT BOOM	68 FT BOOM	58 FT BOOM	
MAXIMUM BOOM LENGTH AT MAXIMUM ELEVATION WITH RIGGING SHOWN TO REACH THE GROUND						
SEE OWNERS MANUAL FOR OTHER REEVING OPTIONS With certain boom and hoist tackle combinations, maximum capacities may not be obtainable with standard cable lengths.						



NON-INSULATED PLATFORM ASSEMBLY

FOR USE WITH ALTEC
PLATFORM ASSEMBLY PART
NUMBER 970420841 ONLY.

ONLY FOR USE ON
ALTEC AC40-152S.

DO NOT OPERATE THE
PLATFORM IN WINDS IN
EXCESS OF 20 MPH AT
PLATFORM WORKING HEIGHT.

PLATFORM ASSEMBLY
WEIGHT = 649 LBS.

PLATFORM LOAD
CAPACITY = 1200 LBS.

LOAD LINE MUST BE
STOWED AT WINCH WHEN
UNIT IS OPERATED
IN AERIAL MODE.

ANSI/SIA A92.2
COMPLIANT



Altec
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sales@altec.com