

Load Rating Chart



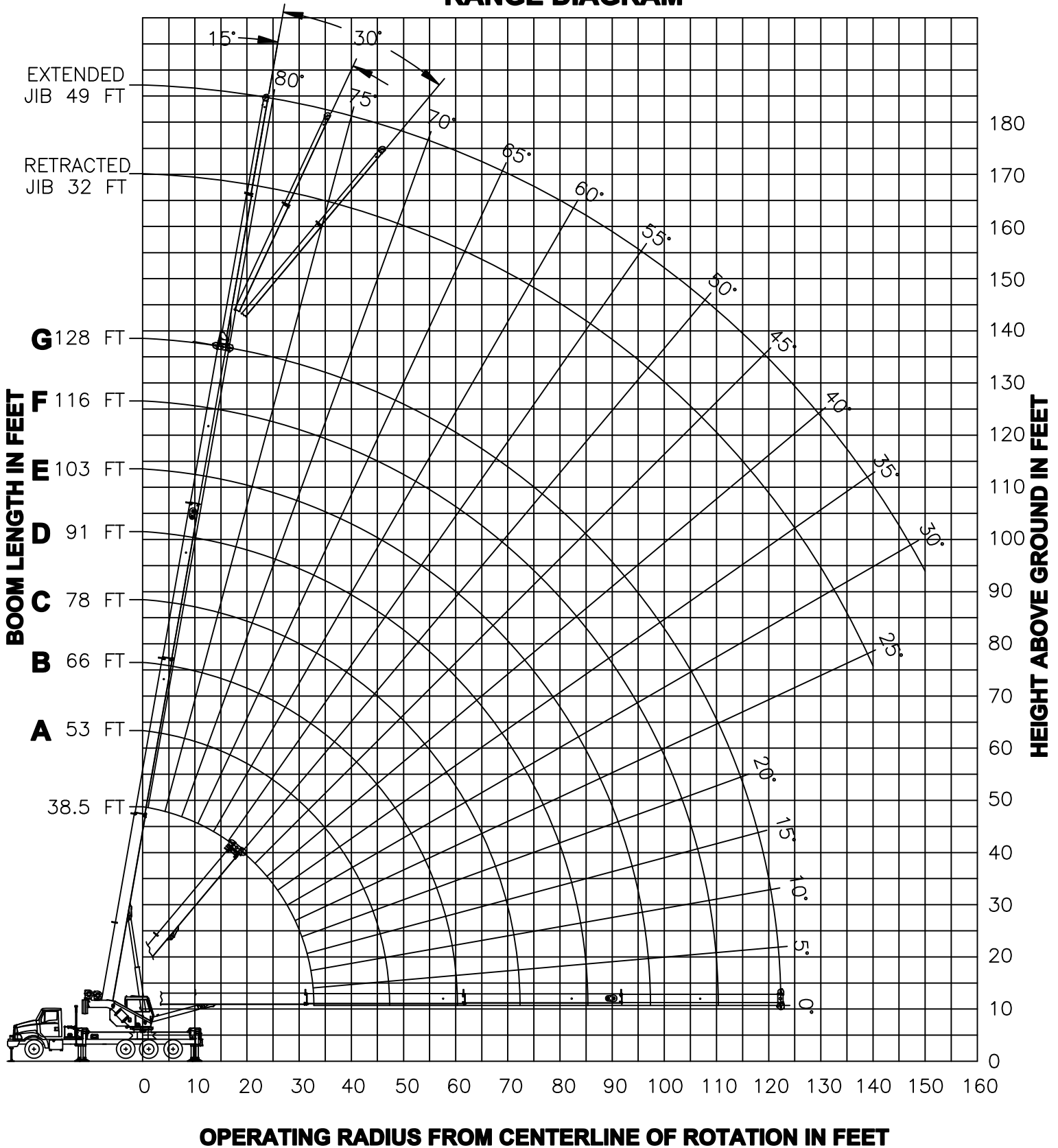
Model 50128SHL



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NOTE: Additional copies of this Load Rating Chart can be purchased from your Manitex Distributor. When ordering, use the part number shown in the bottom left corner of this page.

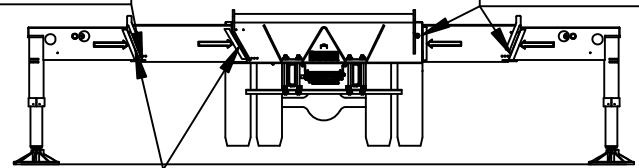
- RANGE DIAGRAM -



**USE THIS CHART ONLY
WHEN ALL OUTRIGGER
BEAMS ARE FULLY
EXTENDED**

PINS MUST BE
DISENGAGED FOR
THIS OUTRIGGER
CONFIGURATION

OUTRIGGER
BEAMS MUST
BE EXTENDED
TO MARK



MARK INDICATES BEAM
IS FULLY EXTENDED
279.00 REF
(23'-3\"/>

MAIN BOOM LIFTING CAPACITIES

LOAD RADIUS (FT)	BOOM LENGTH 38.5 FT			BOOM LENGTH 53 FT (A)			BOOM LENGTH 66 FT (B)			BOOM LENGTH 78 FT (C)			LOAD RADIUS (FT)
	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	
6	73.5	100000	100000										6
8	70.5	86600	86600										8
10	67	76400	76400	74.5	51000	51000	78	51000	51000				10
12	64	68400	68400	72.5	51000	51000	76.5	51000	51000	79	41710	41710	12
15	59	59000	59000	68.5	51000	51000	73.5	46650	46650	77	37880	37880	15
20	49.5	47700	47700	62.5	45700	45700	69	39300	39300	73	32140	32140	20
25	38.5	38300	38300	56	38400	38400	64	33450	33450	69	27890	27890	25
30	23.5	30200	30200	49.5	31590	31590	59	29140	29140	65	24230	24230	30
35				41.5	26180	23590	54	25490	24100	61	21310	21310	35
40				32	22080	18360	48	22480	18860	56.5	19160	19150	40
45				18.5	18340	14670	42	19280	15190	52	17070	15470	45
50							34.5	16710	12460	46.5	15330	12740	50
55							25	14420	10350	41	13850	10630	55
60							7	9790	8620	35	12560	8960	60
65										27	11000	7590	65
70										16	9600	6440	70
1230 LBS													STOWED JIB
2840 LBS													ERECTED JIB (RETRACTED)
3170 LBS													ERECTED JIB (EXTENDED)

DEDUCTIONS FOR MAIN
BOOM CAPACITIES

LOAD RADIUS (FT)	BOOM LENGTH 91 FT (D)			BOOM LENGTH 103 FT (E)			BOOM LENGTH 116 FT (F)			BOOM LENGTH 128 FT (G)			LOAD RADIUS (FT)
	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	
15	79	30000	30000										15
20	76	26010	26010	78.5	22790	22790							20
25	72.5	22620	22620	75.5	20160	20160	78	17660	17660				25
30	69.5	20000	20000	72.5	18080	18080	75.5	16060	16060	77.5	13000	13000	30
35	66	17710	17710	70.5	16070	16070	73	14480	14480	75.5	12760	12760	35
40	62.5	15740	15740	67.5	14360	14360	70.5	13050	13050	73	11760	11760	40
45	59	14050	14050	64	12900	12900	68	11780	11780	71	10800	10800	45
50	55	12620	12620	60.5	11610	11610	65	10640	10640	68.5	10000	10000	50
55	50.5	11380	10830	57	10500	10500	62	9890	9890	66	9130	9130	55
60	46.5	10340	9160	53.5	9760	9290	59	8970	8970	63.5	8320	8320	60
65	41.5	9630	7800	50	8860	7930	56	8160	8030	60.5	7570	7570	65
70	36.5	8770	6660	46	8060	6790	53	7430	6900	58	6910	6910	70
75	30	8000	5700	41.5	7350	5840	49.5	6780	5940	55	6300	6010	75
80	22	7320	4880	37	6720	5020	46	6180	5130	52	5750	5200	80
85	7	5290	4140	31.5	6140	4310	42.5	5650	4420	49	5250	4490	85
90				25	5630	3690	38	5160	3800	46	4790	3870	90
95				15.5	5160	3130	33.5	4720	3260	42	4370	3330	95
100							28.5	4310	2770	38.5	3980	2850	100
105							21.5	3940	2330	34	3620	2410	105
110							7.5	3610	1920	29.5	3300	2020	110
115										23.5	2990	1660	115
120										15	2710	1330	120
520 LBS													STOWED JIB
2370 LBS													ERECTED JIB (RETRACTED)
2520 LBS													ERECTED JIB (EXTENDED)

DEDUCTIONS FOR MAIN
BOOM CAPACITIES