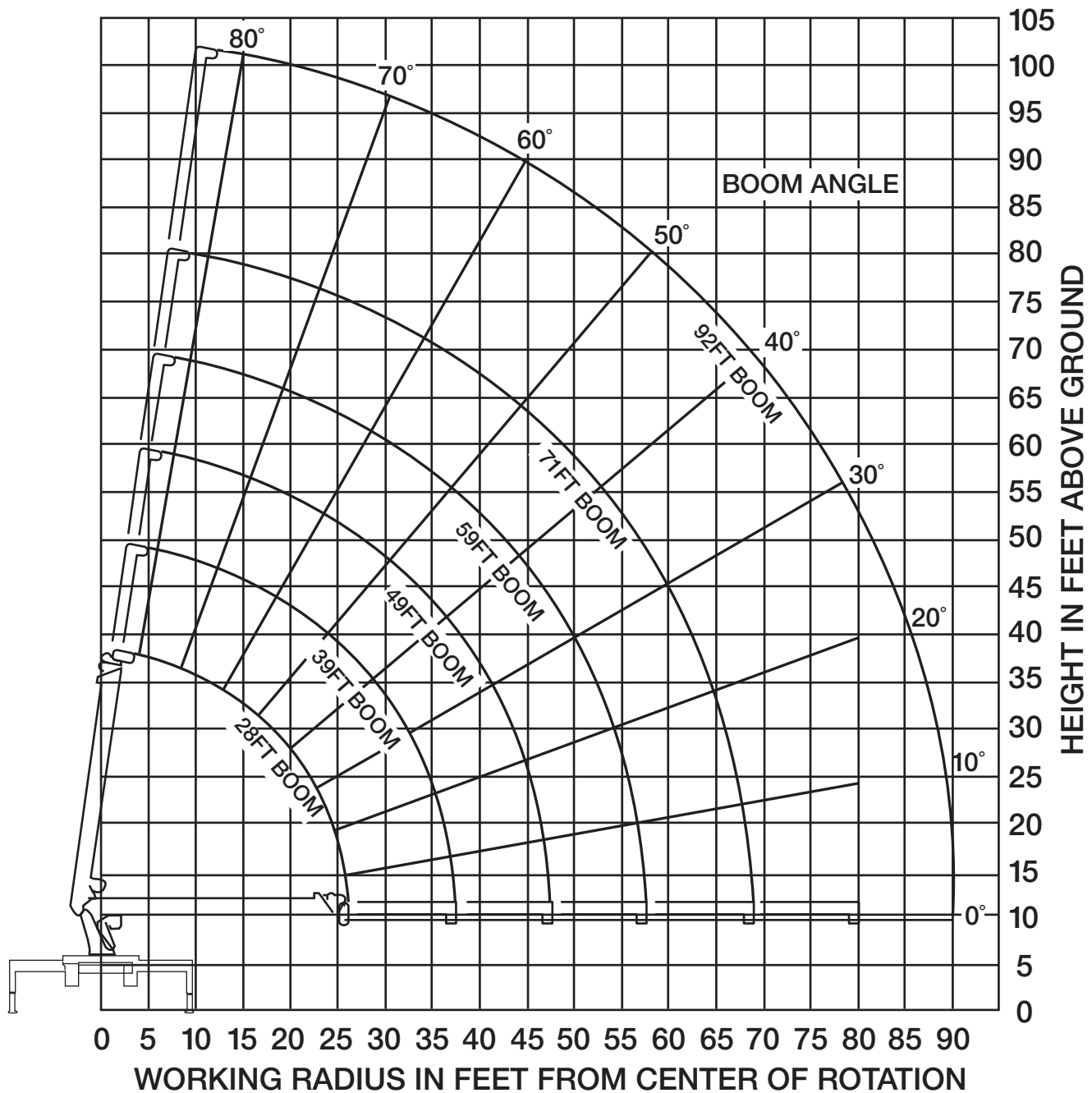




BOOM RADIUS FROM CENTER OF ROTATION



REVOLUTION XL

smileyliftingsolutions.com
800.452.5011





MAXIMUM LOAD CHART

LOAD RATINGS WITH ALL OUTRIGGERS FULLY EXTENDED												
WORKING RADIUS	28FT BOOM		39FT BOOM		49FT BOOM		59FT BOOM		71FT BOOM		92FT BOOM	
FT	LOADED BOOM ANGLE	LBS	LOADED BOOM ANGLE	LBS	LOADED BOOM ANGLE	LBS	LOADED BOOM ANGLE	LBS	LOADED BOOM ANGLE	LBS	LOADED BOOM ANGLE	LBS
4	81°	30000										
5	78°	23500										
8	72°	16300	77°	13800	80°	13800						
10	67°	13700	75°	13000	78°	12600	81°	12300				
12	63°	11700	71°	11100	76°	10700	79°	10500	81°	9100		
15	55°	9700	66°	9150	71°	8750	75°	8500	78°	7400		
20	42°	7150	59°	6950	66°	6700	71°	6400	74°	5800	79°	5000
25			49°	5200	59°	5200	65°	5100	70°	4500	76°	4000
30			38°	4050	52°	3750	60°	4050	65°	3550	73°	3200
35			23°	2850	44°	2850	54°	3050	61°	2900	69°	2650
40					34°	2300	47°	2300	56°	2350	66°	2200
45					20°	1550	40°	1800	50°	1850	62°	1800
50							31°	1450	45°	1500	58°	1450
55							19°	950	38°	1200	55°	1200
60									31°	880	51°	930
65									21°	450	46°	770
70											41°	600
75											37°	440
80											31°	330

1. This chart shows the Maximum Load including load handling equipment such as slings, buckets, hook blocks, etc. and the weight of material being handled. The weight of the load handling equipment **MUST** be deducted from the Maximum Load Rating to determine how much payload you can lift.
2. Load Ratings are based on all outriggers fully extended and set with all load removed from the carrier wheels.

This machine complies with OSHA Regulations 1910.180 AND 1926.550 where applicable at the date of manufacture.