

25 Ton Load Chart

Maximum Rated Load in Lbs. With Outriggers Fully Extended

Loaded Operating Radius	Loaded Boom Angle	Retracted Boom Length	Loaded Boom Angle	Second Stage Extended Boom Length	Loaded Boom Angle	Boom Length	Loaded Boom Angle	Boom Length	Loaded Boom Angle	Boom Length	Loaded Boom Angle	Boom Length
Feet		28 Feet		49 Feet		60 Feet		70 Feet		80 Feet		90 Feet
5.2	80 °	50,000										
8	74°	36,000	80°	30,300								
10	69°	30,400	79°	26,500	80°	24,000						
12	45°	26,000	76°	22,500	79°	22,000	80°	21,400				
14	40°	22,800	74°	19,900	77°	19,400	79°	19,100	80°	18,500		
16	55°	20,700	71°	17,400	75°	16,900	77°	16,500	79°	16,400	80°	16,100
18	49°	18,500	69°	15,400	73°	15,000	75°	14,600	77°	14,400	79°	14,300
20	43°	16,700	66°	13,600	71°	13,400	74°	13,100	76°	12,900	76°	12,700
25	21°	12,200	59°	10,900	66°	11,100	70°	10,800	72°	10,400	74°	10,000
30			52°	9,300	61°	9,000	65°	8,700	69°	8,600	71°	8,400
35			44°	7,600	55°	7,400	61°	7,200	65°	7,100	68°	7,000
40			34°	6,200	49°	6,300	56°	6,100	61°	6,000	64°	5,900
45			21°	4,700	42°	5,300	50°	5,200	56°	5,100	61°	5,000
50					33°	4,400	45°	4,400	52°	4,400	57°	4,300
55					22°	3,400	38°	3,800	47°	3,800	53°	3,700
60							31°	3,100	42°	3,300	49°	3,200
65							21°	2,400	36°	2,800	44°	2,700
70									29°	2,300	39°	2,300
75									19°	1,700	34°	2,000
80											27°	1,700
85											19°	1,200
90												

Ratings Above the Heavy Line are Based on Structural Competence and Not on Machine Stability.