

PVE AMERICAN CCT80-1



Telescopic Boom Crawler Crane

LOAD CHART

ENGLISH

IMPERIAL

Complies with ANSI / ASME B30.5

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Main boom, imperial | CW 35,700 lb + carbody 22,050 lb

Lifting capacity (lbs × 1,000) by working radius

Radius (ft)	35 ft	47 ft	58 ft	80 ft	102 ft	125 ft
8.2	154.3*					
9.8	143.3	132.3	92.6	48.3		
11.5	127.9	126.8	92.6	48.3	45.9	
13.1	123.2	122.6	91.1	48.3	45.9	
14.8	109.1	108.5	87.7	48.3	45.0	32.4
16.4	103.0	94.4	83.1	48.3	44.3	32.4
19.7	78.0	67.7	67.5	48.3	41.0	32.4
23.0	60.6	59.5	51.4	43.9	37.5	32.0
26.2		47.8	40.8	39.9	34.2	30.4
29.5		39.5	38.8	36.4	31.3	27.6
32.8		33.3	32.6	33.7	28.9	25.6
36.1			27.8	30.2	26.2	23.1
39.4			23.8	26.2	24.3	20.9
45.9				20.3	20.1	17.6
52.5				16.1	17.0	15.0
59.1				13.0	14.1	13.9
65.6					11.7	11.9
72.2					9.7	10.4
78.7					7.9	8.8
85.3						7.3
91.9						6.2
98.4						5.3

* Special equipment required.

Capacities in lbs × 1,000 (1,000 lb = 1 kip). Preliminary lifting table, may deviate after calculations.

Boom columns 35 / 47 / 58 / 80 / 102 / 125 ft = 10.8 / 14.2 / 17.6 / 24.4 / 31.2 / 38 m. Counterweight 16.2 t (35,700 lb), carbody 10 t (22,050 lb).