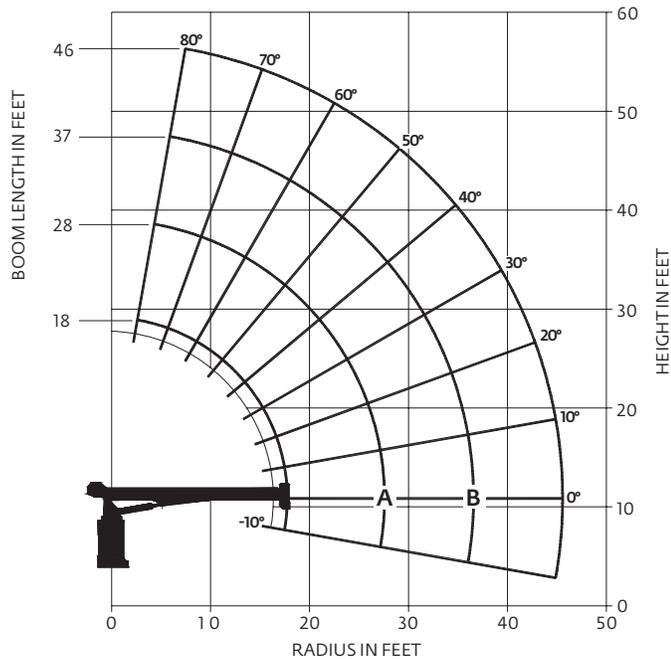


Capacities

Series 446B: 46 ft main boom, full span outriggers, no jib

National Crane will send you a chart on request – or you may secure needed load rating information through your nearest National Crane dealer.



CAUTION:

- Do not operate crane booms, jib extensions, any accessories or loads within 3 m (10 ft) of live power lines or other conductors of electricity.
- Boom capacities shown are maximum for each section.
- Do not exceed capacities at reduced radii.
- Load ratings shown on the load rating charts are maximum allowable loads with the outriggers properly extended on a firm, level surface and the crane leveled and mounted on a factory recommended truck.
- Always level the crane with the level indicator located on the crane.
- The operator must reduce load to allow for factors such as wind, ground conditions, operating speeds and their effects on freely suspended loads.
- Overloading this crane may cause structural collapse or instability.
- Weights on any accessories attached to the boom or loadline must be deducted from the load chart capacities.
- Do not deadhead lineblock against boom tip when extending boom or winching up.
- Keep at least three wraps of loadline on drum at all times.
- Use only specified cable with this machine.

Load chart

LOAD RADIUS (FEET)	LOADED BOOM ANGLE	18 ft BOOM (lb)	LOADED BOOM ANGLE	A 28 ft BOOM (lb)	LOADED BOOM ANGLE	B 37 ft BOOM (lb)	LOADED BOOM ANGLE	46 ft BOOM (lb)
5	74	20,000						
6	71	15,550	78	14,250				
8	64	12,600	74	11,550	78	10,700		
10	56	10,600	70	9550	75	8850		
12	48	9300	65	8150	72	7600	76	6750
14	41	8250	61	7200	69	6750	73	6300
16	27	7050	56	6550	66	6050	71	5450
18			51	6050	63	5450	69	4950
20			46	5450	59	4800	66	4650
25			29	4600	49	4150	59	3850
30					38	3500	51	3450
35					21	2850	42	2900
40							31	2400
45							14	1950
	0	5300	0	3150	0	2200	0	1550

NOTE:

1. All capacities are in pounds, angles in degrees, radius in feet.
2. Loaded boom angles are given as reference only.
3. Shaded areas are structurally limited capacities.

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.