

National Crane 660E2

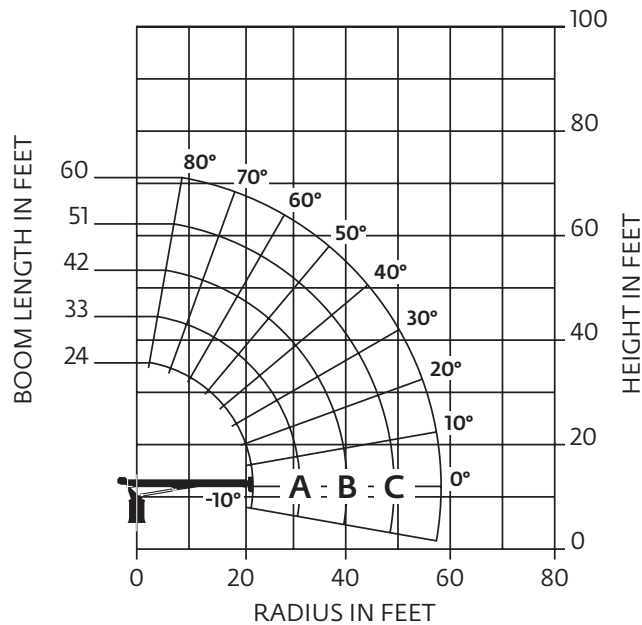
Quick Reference

Capacity: 18,1 t (20 USt) rating

Boom: 18,3 m (60 ft)

- 21,3 m (70 ft) maximum tip height (main boom)

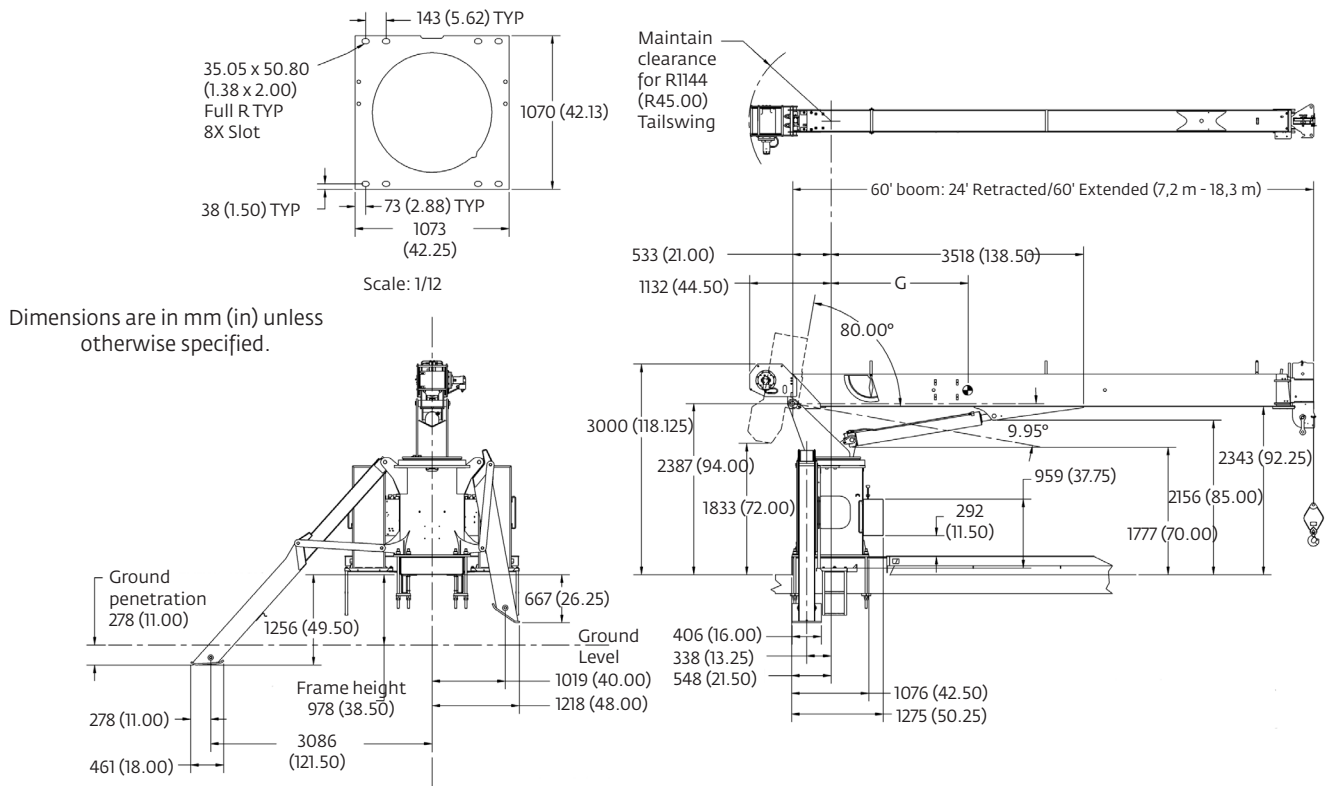
Working range: 60 ft main boom, full span outrigger



Load chart: 60 ft main boom, full span outrigger

LOADED RADIUS (ft)	LOADED BOOM ANGLE (deg)	24 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	A 33 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	B 42 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	C 51 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	60 ft BOOM (lb)
5	75.5	40,000								
8	67.5	27,200	74	25,800	77.5	25,000				
10	62	22,800	70	21,600	75	20,700	78	20,400		
12	56	19,650	67	18,700	72	17,800	75.5	17,400	78.5	17,150
14	49.5	17,150	62.5	16,400	69	15,750	73	15,250	76.5	14,950
16	43	15,150	58.5	14,600	66	14,050	71	13,600	74.5	13,200
20	24.5	11,150	49.5	11,950	60	11,550	66	11,200	70.5	10,850
25			37.5	9400	51.5	9350	59.5	9100	65.5	8800
30			18	6600	42	7700	53	7600	60	7400
35					30.5	6100	45.5	6400	54.5	6200
40							36.5	5350	48	5400
45							25	4250	41	4550
50									33	3900
55									21.5	3000
	0	6150	0	3950	0	2700	0	1950	0	1300

Dimensions



Subbase	Weight	C.G. length
Standard 18 ft	1229 kg (2710 lb)	2,87 m (113 ft)
Standard 20 ft	1345 kg (2965 lb)	2,87 m (113 ft)
Standard 22 ft	1444 kg (3184 lb)	3,18 m (125 ft)

Subbase C.G. are located from center of rotation

Series	Retracted length	Extended length	Subbase	G (wet)	Dry/Wt	With oil/wt
660E2	24 ft	60 ft	18 ft	1,52 m (59.9 in)	6748kg (14,876 lb)	7018 kg (15,471 lb)

More information about this product can be found in the National Crane Series 600E2 Product Guide.

Specifications

Boom

Comes equipped with a 18,3 m (60 ft) three-section boom.

Outriggers

Equipped with "A" type boxed slide outriggers and ASH rear stabilizers.

Controls

Dual side operator stations.
Dual engine accelerators.

Overload protection

National Crane boom trucks are equipped with overload protection. A hydraulic capacity alert system is standard on all 600E2 machines.

Torsion box

The stronger standard torsion box improves rigidity, reduces truck frame flex and reduces the need for counterweight.

Easy Glide Boom Wear Pads

Easy Glide boom wear pads reduce the conditions that cause boom chatter and vibration. The net result is smoother crane operation.

Speedy-reeve boom tip and sheave blocks

These standard features simplify rigging changes by decreasing the time needed to change line reeving.

Pre-painted components

Painting crane components before assembly reduces the possibility of rust, improves serviceability and enhances the appearance of the machine.

Serviceability

- Bearings on the boom extend and retract cables can be greased through access holes in the boom side plates

- Boom sections are supported by one hydraulic extend cylinder, minimizing maintenance

Hoist

Single speed planetary winch.