

National Crane 456B

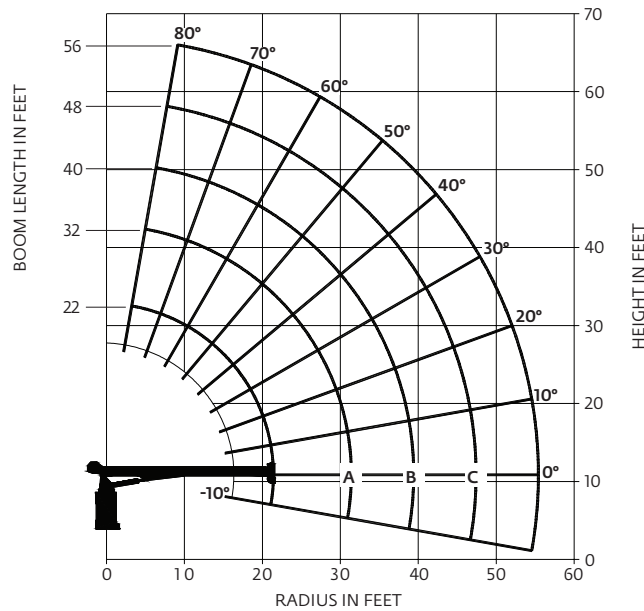
Quick Reference

Capacity: 9,1 t (10 USt) rating

Boom: 17,07 m (56 ft)

- 20,12 m (66 ft) maximum tip height (main boom)

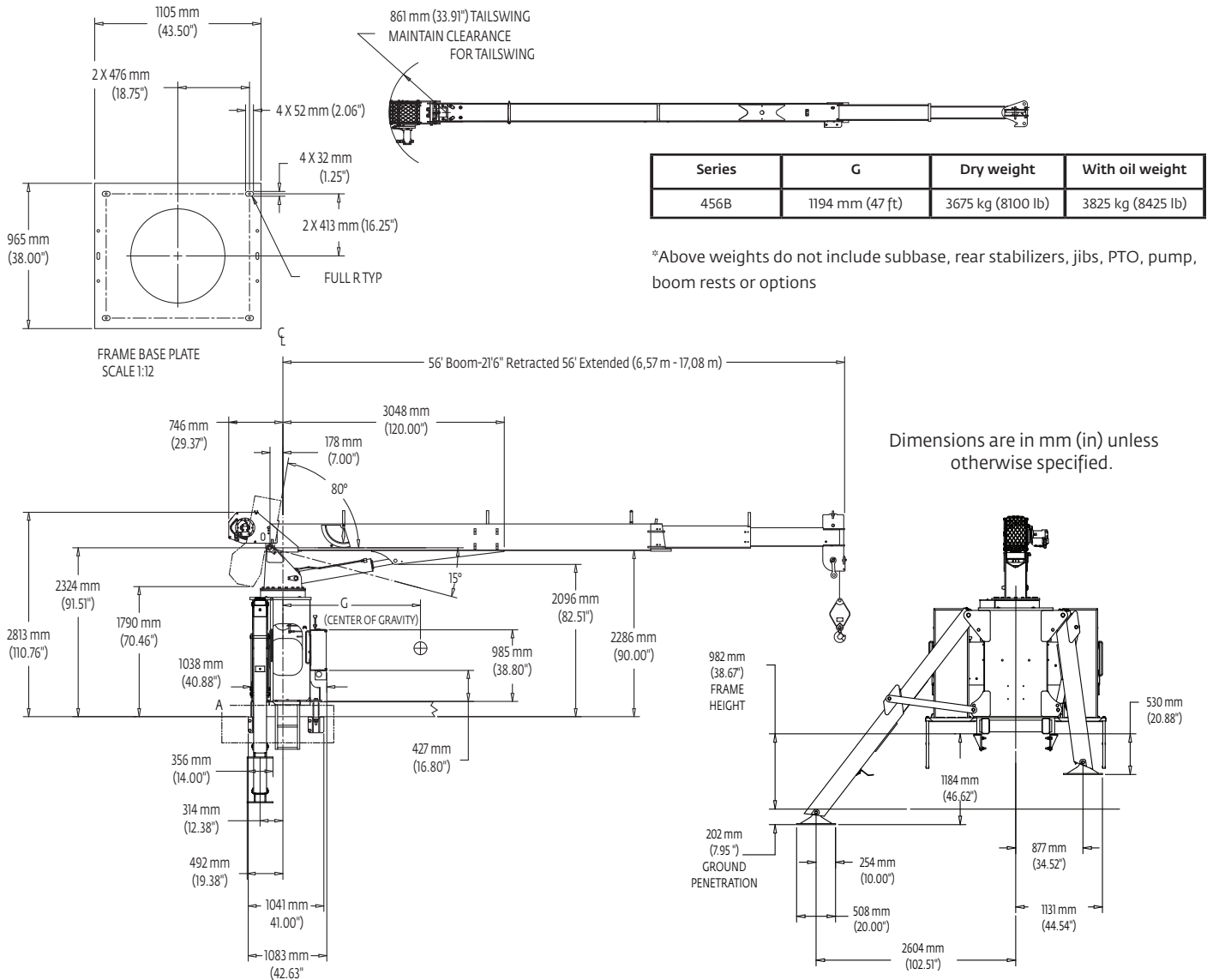
Working range: 56 ft main boom, full span outrigger, no jib



Load chart: 56 ft main boom, full span outrigger, no jib

LOAD RADIUS (FEET)	LOADED BOOM ANGLE	22 ft BOOM (lb)	LOADED BOOM ANGLE	A 32 ft BOOM (lb)	LOADED BOOM ANGLE	B 40 ft BOOM (lb)	LOADED BOOM ANGLE	C 48 ft BOOM (lb)	LOADED BOOM ANGLE	56 ft BOOM (lb)
5	77.5	20,000								
6	74.5	17,500								
8	70	13,000	76.5	11,100	79.5	10,550				
10	63	10,200	73	9000	77	8800				
12	56.5	9000	69	7800	74	7400	76.5	7250		
14	50	8000	65	7000	70.5	6500	75	6250	77	6000
16	42.5	7100	61	6200	68.5	5800	72.5	5500	75.5	5250
18	34	6300	57.5	5600	65	5300	69.5	5000	73.5	4700
20	23	5600	53	5200	62	4900	67.5	4700	71	4300
25			40.5	4200	53.5	4000	61	3800	65.5	3500
30			22.5	3350	43.5	3300	53.5	3100	60	2900
35					31	2750	45.5	2700	53.5	2500
40							36	2200	46.5	2100
45							22.5	1850	39	1750
50									29	1500
55									13	1150
	0	4250	0	2500	0	1800	0	1350	0	950

Dimensions



More information about this product can be found in the National Crane Series 400B Product Guide.

Specifications

Boom

Comes equipped with a 17,07 m (56 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 400B 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.