

PVE AMERICAN

CC330-1

330 ton (300 mt) lattice boom crawler crane



Complies with ANSI/ASME B30.5

PVE AMERICAN

January 2026.

Unless otherwise specified, all information in this brochure refers to as standard crane equipment, and it is intended as general information only.

No liability is assumed. Errors reserved.

Product specifications and prices are subject to changes without notice.

The photographs and/or drawings in this brochure are for illustrative purposes only.

Operator must refer to Crane rating manuals and operator manuals to determine allowable crane lifting capacities, assembly and operating procedures.

Failure to follow the corresponding Operator's Manual when using our equipment or failure to otherwise act responsibly may result in property damage, serious injury or death.

The sole warranty applicable with respect to our equipment is the standard warranty as per general terms and conditions of sales and service (ask your PVE AMERICAN dealer for details), and PVE AMERICAN makes no other warranty, express or implied. All rights reserved.

Any use of the trademarks, logos, brand names and model names used herein is prohibited.

Hydraulic system

Bosch Rexroth hydraulic main pump and motors to power all winches installed, crawlers and built with a swing motor. All movements can be done at the same time. All hydraulic filters have electronic sensors which will be displayed in the operator cabin touch screen.

Max working pressure 5076 psi (350 bar)

Crawlers

Powered by Rexroth drive motor and planetary gear reduction unit, electronically controlled for precise movement. Elastomer chain tensioner. The track plates are mounted through pin connection.

Turntable gear

Consists of roller bearing with inner teeth, powered by Rexroth swing motor. Accurate swing speed control, free swing and mechanical swing lock.

Operator Cabin XL-WIDE

The air suspended operator seat with integrated joysticks gives the operator maximum comfort. The joysticks are electric-hydraulic controls that gives the operator very precise performance.



Winches

The winches are strong in design with powerful performance. The optional free-fall system is low maintenance multi-disc brake system.

Main winch capacity

Line pull 1 st layer	Capacity	27.5t
Line pull 7 th layer	Capacity	16.5t
Winch speed	in ft / min	0 - 394

Optional winches

3 rd winch in boom foot	Capacity	8,0 t
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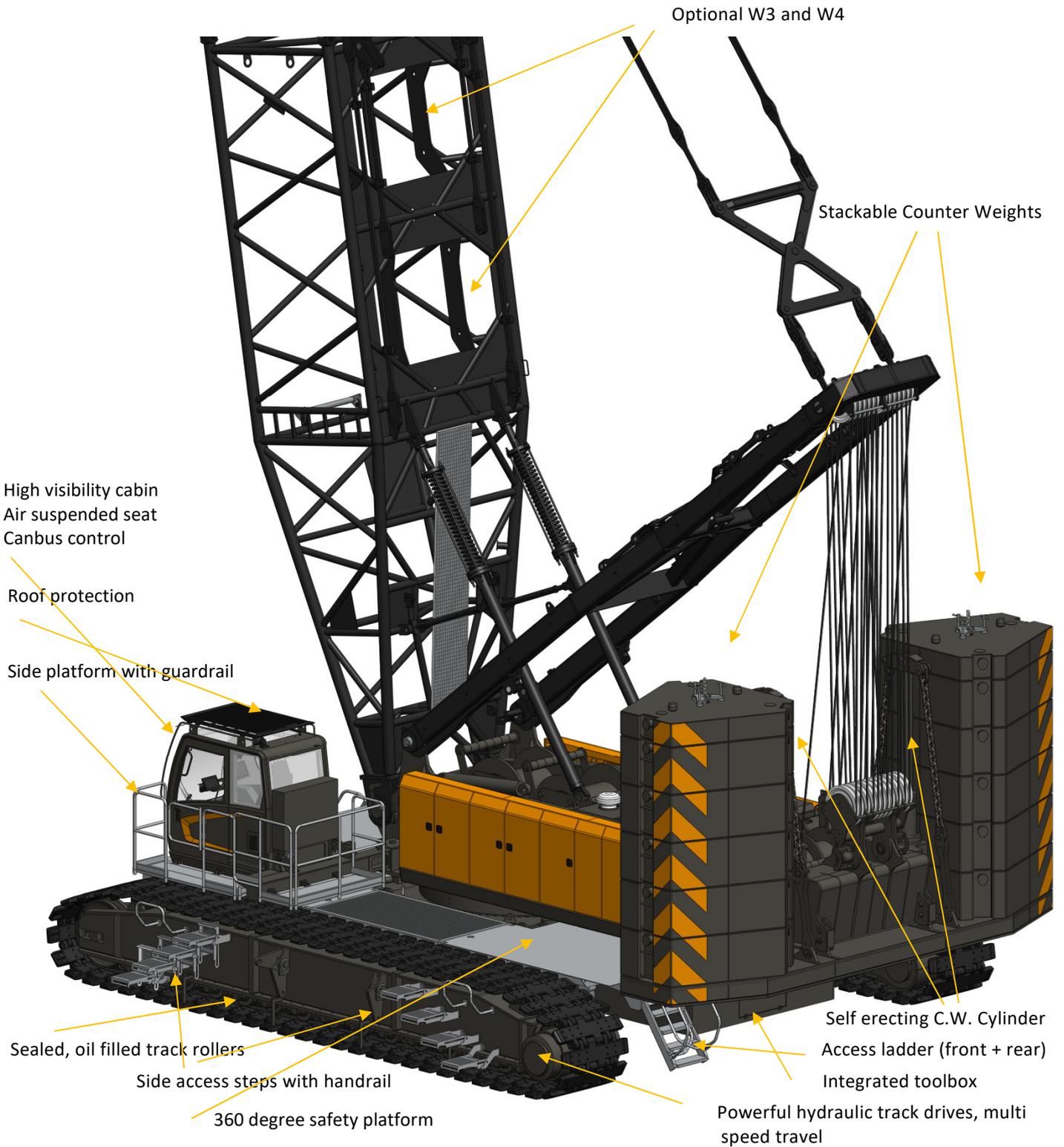
Crane control system

The control of the crane is via CAN-BUS with the PVE developed software and functionality system. Via a touch screen the operator can oversee all functions and alerts. The Safe Load System is integrated in the touch screen. A 360 degree view camera, including winch camera and load camera ensure maximum safety will working.

CRANEINFO is a data storage system to ensure maximum data availability for service and factory support.



Standard Features



The new generation **PVE AMERICAN CC330-1** stands out with innovative designs and modern safety systems, improving operational safety, easy controls and optimum performance.

PVE AMERICAN
STRONGER – SMARTER - SAFER

PVE AMERICAN CC330-1

Diesel Engine

Power rating,	336 kW (456 hp) at 2000 rpm
Engine make	Cummins X12
Fuel tank	210 gal (800 l) with level gauge and low level warning
Emission	Stage V / Tier 4F

Counter Weights

Base Plate with cylinders	33.000 lbs
Wing weights (12 pcs)	20.900 lbs
Total Rear Counterweights	283.800 lbs

The 2 cylinders mounted on the base plate allow for easy assembly or removal of the counterweights.

Car body counterweights

Front mounted	44.000 lbs
Rear mounted	44.000 lbs

Both carbody counterweights have integrated toolboxes.

Winches

Hoist Winches

W1 +W2	Line pull 1 st layer	27.5 t
	Line pull 7 th layer	16.5 t
	Rope diameter	28 mm
	Rope speed	394 ft/min
	Optional	free-fall

Boom + options

Main boom configuration	65– 302 ft
Boom foot	31.0 ft
Boom tip	33.0 ft
Boom insert	10 ft
Boom insert	20 ft
Boom insert	40 ft

Fixed Jib

Fixed jib configuration	39 – 118 ft
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Luffing Jib

Luffing jib configuration	69 – 236 ft
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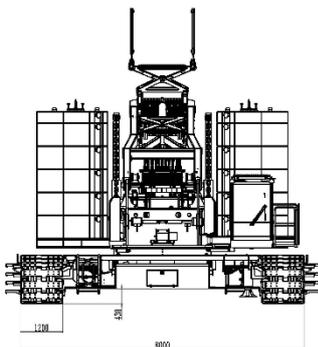
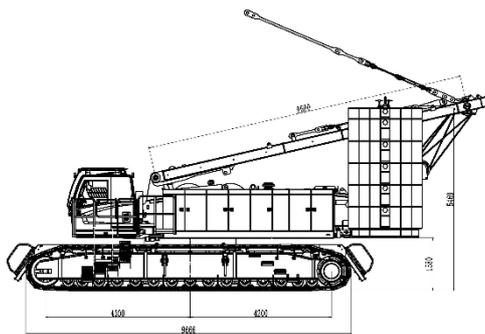
Heavy Duty Wind Jib

Wind jib configuration	20 ft
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Aux Jib

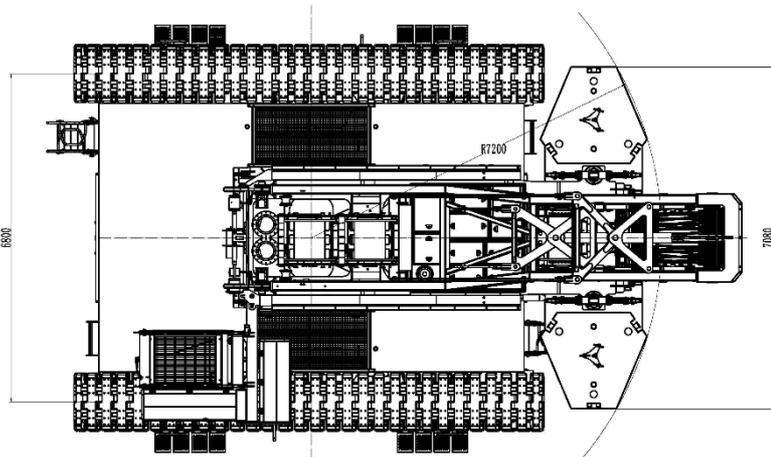
Aux jib, 2 sheaves, 45.0 ton cap.	5 ft
Aux jib, 2 sheaves, 66.0 ton cap.	5 ft

CRANE BODY

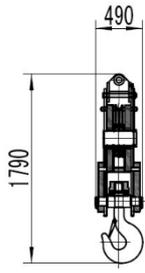


Length of tracks	: 31.68 ft (9.666 mm)
Swing Radius	: 23.59 ft (7.200 mm)
Width over tracks (*)	: 26.22 ft (8.000 mm)
Weight base crane (**)	: 653.400 lbs (297.000 kgs)

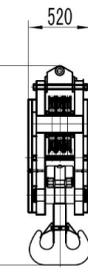
- * : Track plates width 3.93 ft (1.200 mm)
- ** : 144 ft main boom, aux jib and full counterweights



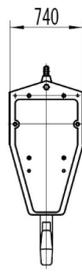
HOOK BLOCKS



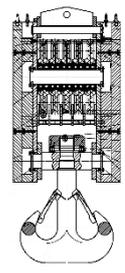
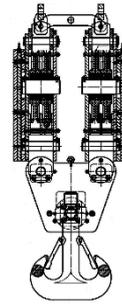
1-sheave hook
Cap.: 110.000 lbs



3-sheave hook
Cap.: 220.000 lbs



Double 2-sheave hook
Cap.: 264.000 lbs



5-sheave hook
Cap.: 352.000 lbs

TRANSPORT PLAN & WEIGHTS

Transport Items	Gross Weights		Number Of Loads														
	Lbs	kgs	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	
Crane Body, incl. live mast, W1 + W2, incl wire rope	114 400	52 000	1														
Track Frame Left	53 900	24 500		1													
Track Frame Right	53 900	24 500			1												
Base Plate with self assembly cylinder	33 000	15 000				1											
Wing Counterweight A	20 900	9 500					1										
Wing Counterweight A	20 900	9 500					1										
Wing Counterweight A	20 900	9 500						1									
Wing Counterweight A	20 900	9 500							1								
Center Counterweight A	20 900	9 500								1							
Wing Counterweight A	20 900	9 500								1							
Wing Counterweight B	20 900	9 500									1						
Wing Counterweight B	20 900	9 500									1						
Wing Counterweight B	20 900	9 500										1					
Wing Counterweight B	20 900	9 500											1				
Wing Counterweight B	20 900	9 500												1			
Carbody Counterweight A1 (front side)	27 500	12 500													1		
Carbody Counterweight A2 (front side)	16 500	7 500														1	
Carbody Counterweight B1 (rear side)	27 500	12 500														1	
Carbody Counterweight B2 (rear side)	16 500	7 500															1
Main Boom foot 2722.01 (excl W3 + W4) (33 ft)	12 100	5 500				1											
Main Boom insert section 10 ft	2 640	1 200					1										
Main Boom insert section 20 ft	4 400	2 000						1									
Main Boom insert section 40 ft (2 pcs)	7 040	3 200													1	1	
Main Boom Head (34 ft)	11 660	5 300															1
Hook Block, 1 sheave (full weights)	1 210	2 400															1
Hook Block, 3 sheave (full weights)	6 600	3 000															1
Auxillary short jib	770	350															1
Luffing Jib 1815.01 boom foot with strut	17 600	8 000															
Luffing Jib 1815.01 insert section 10 ft with pendants	1 540	700															
Luffing Jib 1815.01 insert section 20 ft with pendants	2 420	1 100															
Luffing Jib 1815.01 insert section 40 ft with pendants	3 960	1 800															
Luffing Jib 1815.01 Boom head with pendants	4 400	2 000															
Shipping weight per load (approx)	Lbs		114 4k	53 900	53 900	45 100	44 440	46 200	41 800	41 800	41 800	41 800	41 800	34 540	23 540	24 310	
	kgs		52 00	24 500	24 500	20 500	20 200	21 000	19 000	19 000	19 000	19 000	19 000	15 700	10 700	11 050	

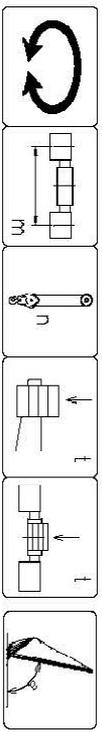
Basic crane with 174 ft main boom, 113 ft luffing jib, aux jib, 3 sheave hook block, 1 sheave hook block and full counterweights.

NOTE: weights and dimensions may vary from above mentioned load plan. All truck loads, except crane body and tracks frames, are maximum 48.000 lbs (21.772 kgs), 8.5 ft wide, 8,5 ft load height based on a 48 ft long flat bed trailer. Variations due to local state law may be applicable in certain cases.

LOAD CHART FOR MAIN BOOM (No. 2722.01)

PVE AMERICAN CC 330-1

285 lbs counterweight and 88 lbs carbody counterweight



Standard ASME B30.5 - Capacity in lbs x 1000

Boom length feet	66	75	118	95	105	115	125	134	144	154	164	174	184	194	203	213	223	233	243	253	262	272	282	292	302
Reachings	20	20	18	17	17	17	14	14	14	13	12	12	11	11	10	10	9	9	8	8	7	7	6	6	6
16,4	600.0	654.3																							
19,7	583.0	578.4	569.4	556.7	544.1	531.3																			
23,0	506.0	505.4	501.2	489.4	477.6	467.9	458.3	448.8	439.3	425.0															
26,2	436.7	435.3	435.6	430.0	424.4	416.6	408.8	402.5	396.2	385.2	374.2	366.9	359.5	347.4											
29,5	385.0	384.1	382.6	381.5	380.4	375.1	369.8	363.1	356.4	349.5	342.5	334.3	326.0	317.7	309.3	298.3	292.2	284.9							
32,8	357.1	355.4	356.0	351.9	347.8	343.2	338.6	330.9	323.2	317.6	312.0	305.4	298.8	291.8	284.9	276.2	267.5	257.5	247.5	237.3	227.0	212.7			
39,4	303.3	302.9	298.5	296.5	294.4	288.8	283.1	279.5	275.9	271.4	266.9	259.6	252.3	247.2	242.1	236.2	230.3	224.2	218.0	211.4	204.8	195.4	185.9	181.2	176.4
45,9	247.5	248.2	247.1	246.4	245.7	245.5	245.3	240.8	236.3	232.9	229.5	225.4	221.3	215.7	210.1	204.2	198.2	192.9	187.7	184.5	181.3	176.9	172.5	166.7	160.8
52,5	205.0	205.5	205.7	205.3	204.8	204.4	203.9	203.7	203.5	201.4	199.3	195.9	192.5	188.7	184.9	180.6	176.2	170.4	164.6	159.5	155.3	151.1	147.3	143.4	138.5
59,0	173.8	174.7	174.7	174.2	173.8	173.3	172.7	172.5	172.3	171.2	170.3	170.0	169.4	169.0	168.5	164.3	160.2	152.2	144.3	139.5	137.0	134.4	129.7	125.0	120.5
65,6	150.9	151.1	150.9	150.7	150.7	150.5	150.3	150.0	149.8	149.3	148.7	148.1	147.8	146.9	145.9	142.3	138.8	135.9	132.9	130.5	128.0	125.4	122.8	118.7	114.6
72,2	132.4	132.7	132.4	132.2	132.2	131.9	131.6	131.3	131.1	130.7	130.0	129.4	129.6	128.9	128.3	127.6	127.4	125.8	124.3	124.3	121.9	119.5	117.3	115.1	109.8
78,7	117.7	117.3	117.3	116.8	116.8	116.8	116.8	116.3	116.4	115.7	115.1	114.4	114.6	113.7	113.1	112.4	112.2	110.8	109.3	109.3	104.5	101.9	99.2	96.8	94.4
85,3	105.2	105.2	105.2	105.2	105.2	105.1	104.9	104.3	104.1	103.4	102.7	102.3	102.1	101.4	100.8	100.1	99.9	99.2	98.6	97.5	96.4	94.5	92.6	89.4	86.2
91,8	96.3	94.8	94.8	94.6	94.6	94.6	94.6	94.3	93.7	93.1	92.4	92.0	91.7	91.1	90.4	89.8	89.5	88.8	88.0	87.2	86.5	85.8	85.1	79.3	78.5
98,4	86.5	86.1	85.8	85.8	85.8	85.8	85.8	85.1	84.9	84.3	83.6	83.2	82.9	82.3	81.6	80.7	80.7	80.0	79.2	78.3	77.4	76.8	76.1	71.5	67.3
111,5	71.7	71.1	71.1	71.1	71.1	71.1	71.1	70.8	70.2	69.5	69.1	68.9	68.9	68.1	67.3	66.7	66.4	65.7	64.9	64.2	63.6	62.7	61.8	60.3	57.6
124,6	59.8	59.2	59.8	59.2	59.2	59.2	59.2	58.5	58.1	58.1	58.1	58.1	58.1	57.2	56.5	55.7	55.7	54.8	54.1	53.2	53.0	52.1	51.5	50.6	50.2
137,8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	48.5	47.7	47.1	46.9	46.1	45.3	44.7	44.2	43.5	42.7	42.0	41.6
150,9	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	41.5	40.7	40.3	39.8	39.1	38.3	37.4	37.2	36.4	35.6	34.8	34.5
164,0	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	35.6	35.0	34.1	34.1	33.2	32.6	31.7	31.5	30.6	29.7	29.0	28.6
177,1	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
190,2	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
203,4	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
216,5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
229,6	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
242,7	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
255,8	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5

Working radius feet

Standard features

Boom Stack System

Each boom section is equipped with a heavy duty boom stack system.

This integrated boom stack system allows the crane user to stack boom

Sections without using timber or other materials.



Boom Pendants

Standard each boom section comes with pendant bars. Boom assembly

is more easy and transport of boom sections is made more safe.



Boom Pin Storage

Each boom section has integrated boom pin storage. This keeps the

boom pin safe during transport and Ready for use when connecting the

boom sections.



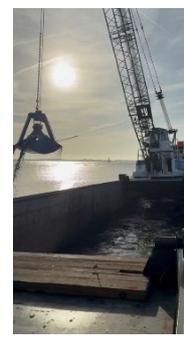
Integrated Tool Box

Integrated toolbox in the front and rear carbody Counterweight.

Lockable with a key.



FOR MORE INFORMATION, CONTACT OUR DEALER:



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