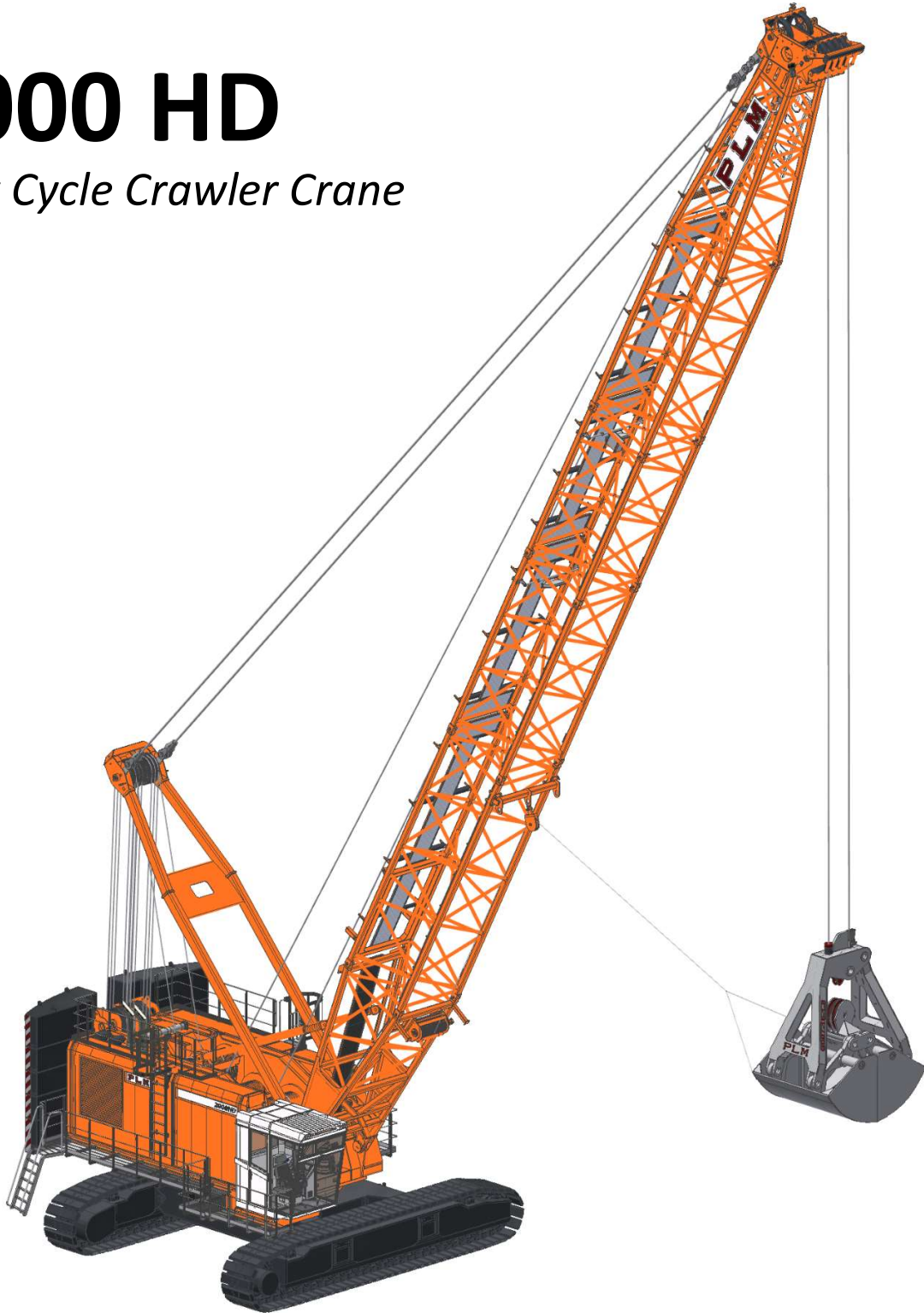


2000 HD

Duty Cycle Crawler Crane



General

The PLM 2000 HD is a Heavy Duty 200 ton-class crawler crane in the PLM Duty Cycle Crawler Crane Line, other cranes in this line are:

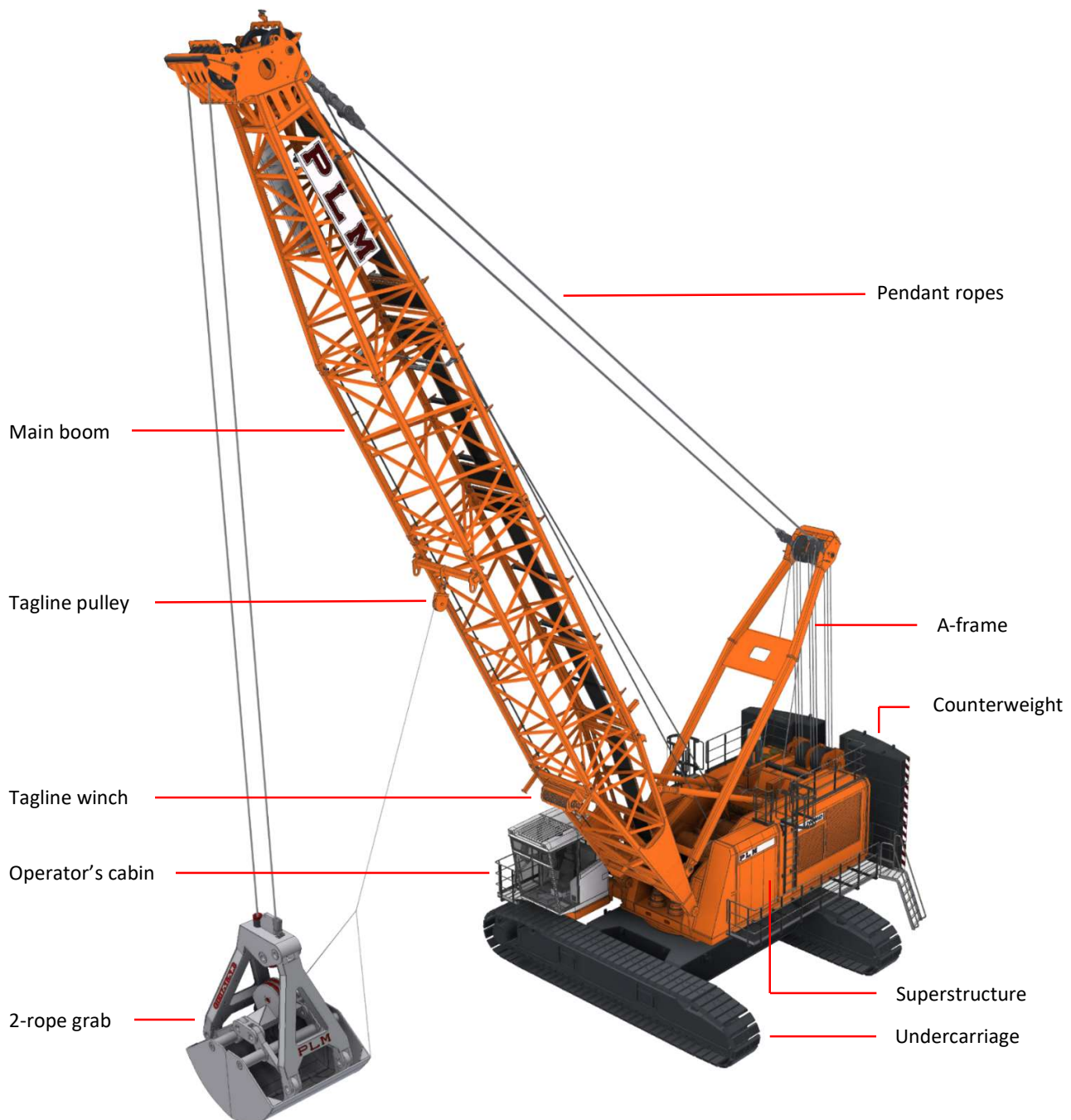
PLM 1000 HD (100 tons)

PLM 1300 HD (130 tons)

PLM 3000 HD (300 tons)

All HD cranes are designed for continuous duty cycle operation such as dredging, transshipping, drop ball operation, dragline operation and dynamic compaction in combination with high performance lifting capabilities.

PLM cranes are designed with operators comfort, reliability and a long length of life as primary considerations. They can withstand heavy duty clamshell or hoisting work in continuous operation in a harsh environment.



Technical



Diesel Engine

Make	:	Caterpillar	
Type	:	C27 ACERT	
Power	:	950 bhp (C-rating)	709 bkW
Revolutions	:	1800 rpm	
Cylinders	:	V-12	
Displacement	:	1648 in ³	27 liter
Emission	:	EPA Tier 4 final	
Battery	:	24 Volt	
Fuel tank	:	317 US-gallon	1200 liter

The Caterpillar C27 meets the EPA Tier 4 final emission standard for non-road engines without the use of AdBlue. Depending on the type of operation the RPM's of the diesel engine can be adjusted to optimize fuel consumption and reduce noise emission. The fuel system is equipped with a water separator, primary and secondary fuel filters for reliable operation. A fuel gauge and low fuel level alarm are integrated on the crane information display mounted in the operators cabin.



Hydraulics

System	:	Closed loop circuit, every main function has its own pump(s)	
System volume	:	475 US-gallon	1800 liters
Working pressure, max.	:	5500 psi	380 bar
Grab holding winch	:	337 gpm	1275 l/min
Grab closing winch	:	337 gpm	1275 l/min
Boom hoist winch	:	169 gpm	639 l/min
Slewing gear(s)	:	108 gpm	410 l/min

The closed loop system enables smooth and precise control in both directions. All hydraulic axial piston pumps are connected to a 4-point pump splitter box that is mounted to the fly(wheel) housing of the diesel engine with flexible coupling. Extensive filtering is provided throughout the system on both the high pressure and low pressure side. Standard equipment includes a high-capacity oil cooler for operation in high ambient temperatures. Pressure cut-offs are utilized to protect the pumps and motors. Pressure switches will shut down the system automatically in case of a hose burst.



Slewing

Diameter	:	112"	Ø2860 mm
Type	:	3-row roller bearing	
Gearing	:	Internal	
Type	:	Planetary	
Quantity	:	2	
Motor	:	Hydraulic, axial piston	
Slewing Speed	:	0-3,0 rpm	

The large diameter has internal gearing for protection of the teeth in combination with two slewing gears. The slewing speed can be proportionally adjusted. Slewing control has 3 settings, 25, 50 or 100 % of the slewing speed over the whole range of the joystick. The maximum slewing torque is available in all 3 settings.

Technical



The PLM 2000 HD in 2-rope configuration is standard equipped with the following 4 winches;

Grab Holding winch

Type	:	standard (controlled freefall as an option)
Line pull	:	77,000 lbs (38.5 tons) 35.000 kg
Number of layers	:	3
Wire rope diameter	:	1x 1-5/8" Ø40 mm
Drum size	:	Ø32.7 x 63" Ø830 x 1600 mm
Rope storage (3 layers)	:	920 ft. 280 meter
First layer capacity	:	260 ft. 79 meter
Line speed	:	0-295 ft/min 0-90 m/min

Grab Closing winch

Type	:	standard (controlled freefall as an option)
Line pull	:	77,000 lbs (38.5 tons) 35.000 kg
Number of layers	:	3
Wire rope diameter	:	1x 1-5/8" Ø40 mm
Drum size	:	Ø32.7 x 63" Ø830 x 1600 mm
Rope storage (3 layers)	:	920 ft. 280 meter
First layer capacity	:	260 ft. 79 meter
Line speed	:	0-295 ft/min 0-90 m/min

Boom Hoist winch

Type	:	standard
Line pull	:	77,000 lbs (38.5 tons) 35.000 kg
Number of layers	:	2
Wire rope diameter	:	2x 1-1/8" Ø28 mm
Drum size	:	Ø31.7 x 63" Ø805 x 1600 mm
Rope storage (2 layers)	:	2x 364 ft. 111 meter
Line speed	:	2x 112 ft/min 34 m/min
Boom hoist speed	:	115 seconds, 15-84° (boom angle)

Grab and boom hoist winches are controlled winches with planetary gearbox and enclosed multiple discs parking brakes between the motor and the gearbox. The grab winches have a single wire per drum for 2-rope mechanical grabs. For dragline operation the holding winch functions as a drag winch. For dragline and hoist operation the closing winch functions a hoist winch. The line speed is continuously variable. During grab operation up to a dredging depth of -100 ft. (-30 m) only the first layer of the grab drums is used for a longer length of life of the wires.

Tagline winch

Type	:	standard
Line pull	:	6,600 lbs (3.3 tons) 3.000 kg
Number of layers	:	1
Wire rope diameter	:	1x 3/4" Ø19 mm
Drum size	:	Ø16.5 x 36" Ø420 x 905 mm
Rope storage (2 layers)	:	173 ft. 52.8 meter
Line speed	:	400 ft/min 120 m/min

The line pull of the tagline can be adjusted from the operators cabin depending on the size of grab or type of operation. The winch can be operated as a constant tension winch or standard winch with a line pull of 6,600 lbs.

Technical

Crawlers

Crawler size	:	B9	
Track gauge	:	21'	6.400 mm
Width over tracks	:	24' 7"	7.500 mm
Crawler length	:	30' 10"	9.400 mm
Track shoe type	:	flat	
Track shoe width	:	3' 7"	1.100 mm
Track frames	:	non extendible	
Travel speed	:	0.80 mph	1.3 km/hour
Pedestal height	:	5' 5"	1.650 mm
Final drives	:	2	
Type	:	planetary 332,000 ft-lb	450.000 Nm
Motor	:	hydraulic, axial piston	

The planetary final drives with axial piston motors are each driven by a separate pump. Generating maximum torque for each track individually enabling simultaneously operation of both tracks while steering.

Features:

- Audible alarm while travelling
- Life time sealed oil filled track chain and rollers
- Hydraulic (grease) tensioner on idler



Crane Control

The PLM 2000 HD has an electronic crane control and steering system operated by two electronic joysticks. The joysticks are mounted in consoles on both sides of the multiple adjustable operator's chair. Each joystick has 4 push buttons for various crane functions

Control	:	European
Left Joystick	:	Boom Hoist - Slewing
Right Joystick	:	Grab Holding – Grab Closing

In crane travel mode both joysticks are used to control the tracks.

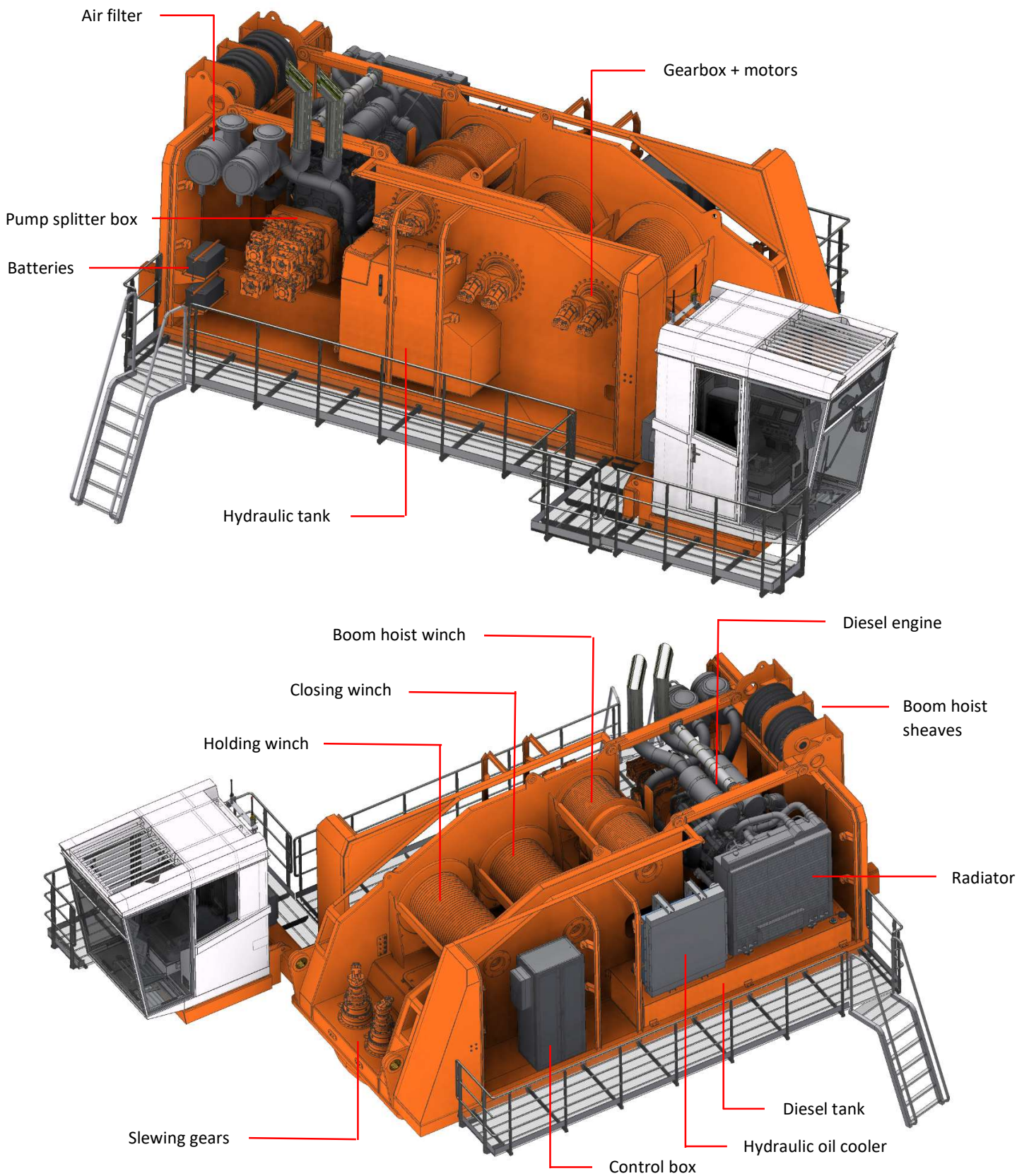
The proportional electronic hydraulic control and PLM Power Management guarantees smooth operation and allows to operate all crane functions simultaneously.

The crane information touch screen mounted in the cabin informs the operator about the status of various components of the crane, for example fuel level, hydraulic oil temperature, diesel engine performance, operating hours etc. The LMI system readout is integrated into the screen (actual load / working radius, percentage of maximum load) and system alarm(s) can be seen.

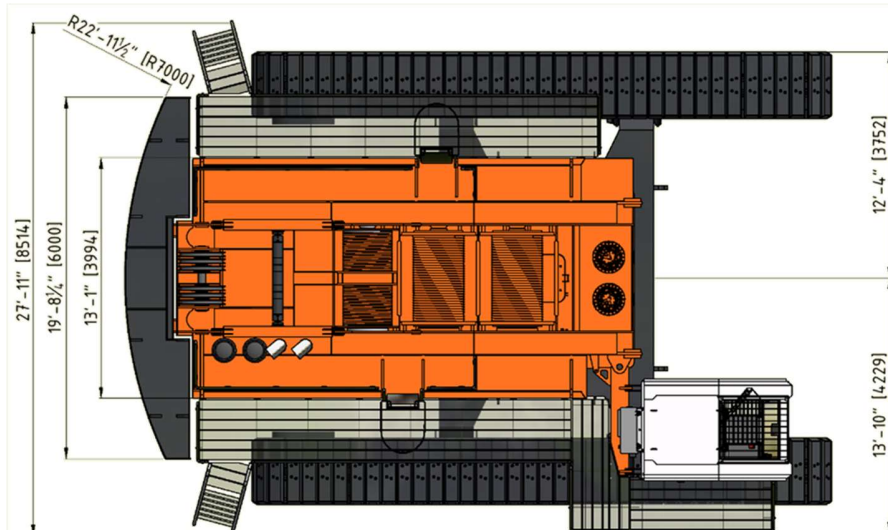
Crane load data from the LMI are logged. The crane is equipped with a modem for remote troubleshooting assistance.

PLM Grab Management feature is installed for dredging and transshipment operation in grab mode. This feature includes slack wire control, adjustable digging torque and semi-automatic operation along with other features.

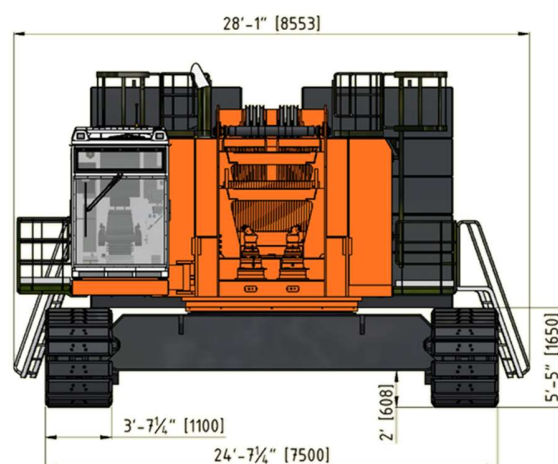
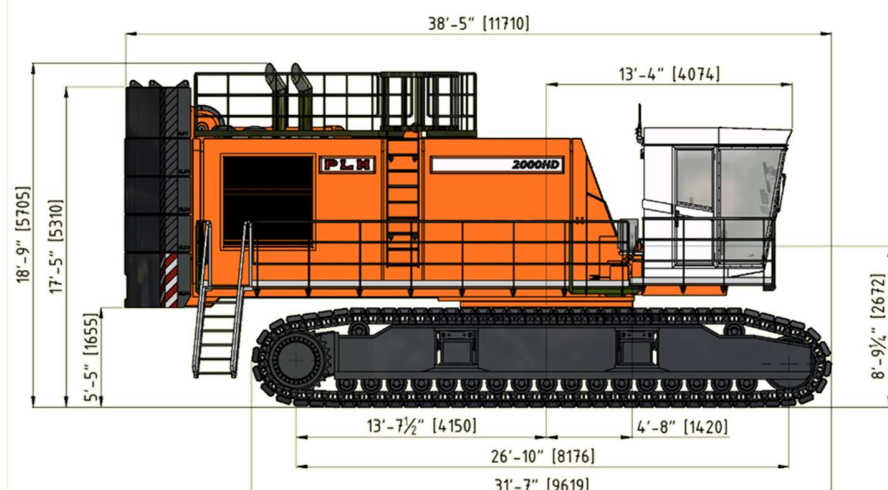
Machinery



Dimensions



Units: ft. [mm]



Operational Weight

The operational weight is based on basic machine with: flat shoe tracks, 116,400 lbs (58.2 tons) counterweight, 69 ft (21 m) boom, wire ropes and WLL 440,900 lbs (220 tons) hook block

Weight, approx. : 407,900 lbs 185.000 kg

The maximum weight is based on basic machine with : flat shoe tracks, 145,500 lbs (72.8 tons) counterweight, 223 ft. (68 m) boom wire ropes and WLL 176,400 lbs (88 tons) hook block

Weight, approx. : 562,000 lbs 255.000 kg

Ground Pressure

Ground surface pressure* : 14.65 psi
1.03 kg/cm²

*based on basic machine without load as above

Design

- The crane has been designed according to :
EN 474-12 (Grab mode)
EN 13000 (Hoist mode)

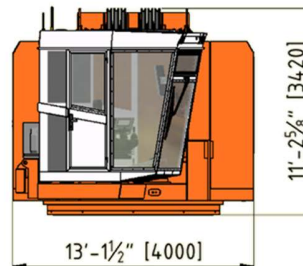
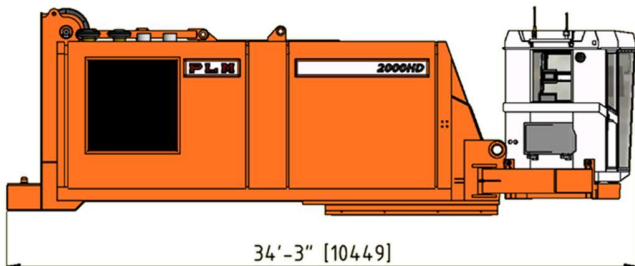
- Charts are based on the machine standing on firm level ground
- Weight of the lifting devices (blocks, slings) and grab are part of the load shown in the charts

Configuration

Max. boom length : 223 ft. 68 m
Standard winches for grab and hoist mode
For dropball and dragline operation fairlead and (controlled) freefall winches are optional available.

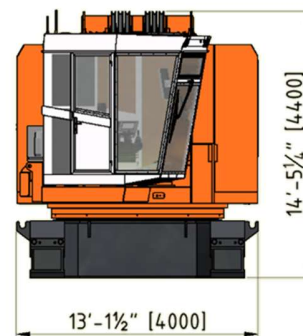
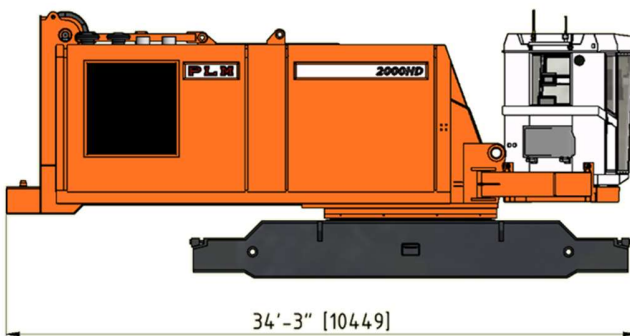
Transport

Superstructure



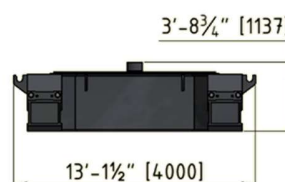
Length : 34'-3" / 10.449 mm
 Width : 13'-1½" / 4.000 mm
 Height : 11'-2⅝" / 3.240 mm
 Weight : 97,450 lbs
 44.200 kg
 Qty : 1x

Basic Machine (Carbody + Superstructure)



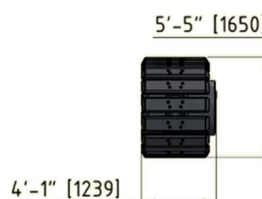
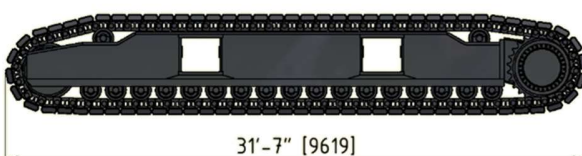
Length : 34'-3" / 10.449 mm
 Width : 13'-1½" / 4.000 mm
 Height : 14'-5¼" / 4.400 mm
 Weight : 134,900 lbs
 61.200 kg
 Qty : 1x

Carbody



Length : 24' / 7.318 mm
 Width : 13'-1½" / 4.000 mm
 Height : 3'-8¾" / 1.137 mm
 Weight : 37,500 lbs
 17.000 kg
 Qty : 1x

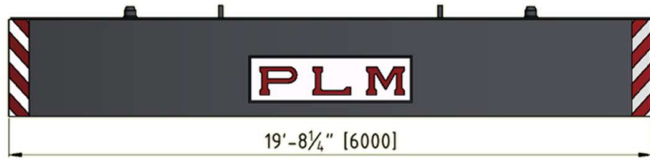
Crawlers



Length : 31'-7" / 10.000 mm
 Width : 4'-1" / 1.239 mm
 Height : 5'-5" / 1.650 mm
 Weight : 57,300 lbs
 26.000 kg
 Qty : 2x

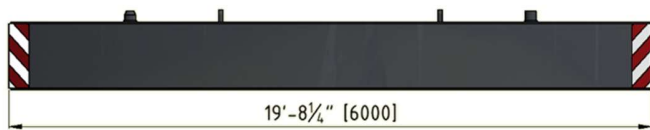
Transport

Counterweight - A



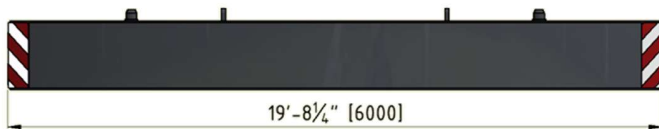
Length : 19'-8¹/₄" /6.000 mm
 Width : 3'-7¹/₈" /1.095 mm
 Height : 3'-4¹/₂" /1.030 mm
 Weight : 37,000 lbs
 16.800 kg
 Qty : 1x

Counterweight - B



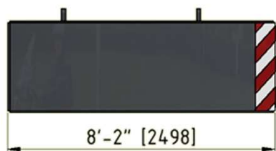
Length : 19'-8¹/₄" /6.000 mm
 Width : 3'-7¹/₈" /1.095 mm
 Height : 2'-5³/₈" /745 mm
 Weight : 36,900 lbs
 12.200 kg
 Qty : 2x

Counterweight - C



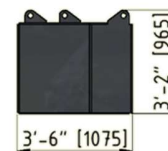
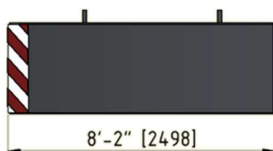
Length : 19'-8¹/₄" /6.000 mm
 Width : 3'-7¹/₈" /1.095 mm
 Height : 2'-5³/₈" /745 mm
 Weight : 25,600 lbs
 11.600 kg
 Qty : 1x

Counterweight - D



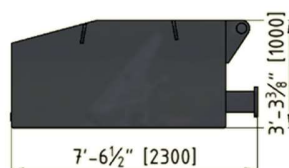
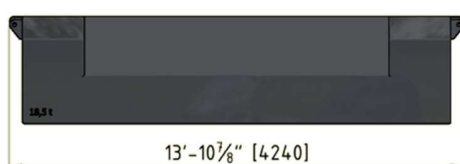
Length : 8'-2" /2.498 mm
 Width : 3'-6" /1.075 mm
 Height : 3'-2" /965 mm
 Weight : 14,550 lbs
 6.600 kg
 Qty : 1x

Counterweight - E



Length : 8'-2" /2.498 mm
 Width : 3'-6" /1.075 mm
 Height : 3'-2" /965 mm
 Weight : 14,550 lbs
 6.600 kg
 Qty : 1x

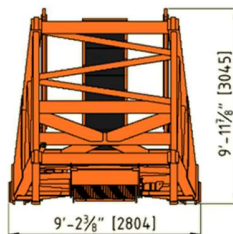
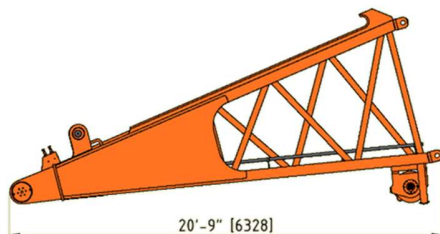
Counterweight - Carbody



Length : 13'-10⁷/₈" /4.240 mm
 Width : 7'-6¹/₂" /2.300 mm
 Height : 3'-3³/₈" /1.000 mm
 Weight : 40,800 lbs
 18.500 kg
 Qty : 2x

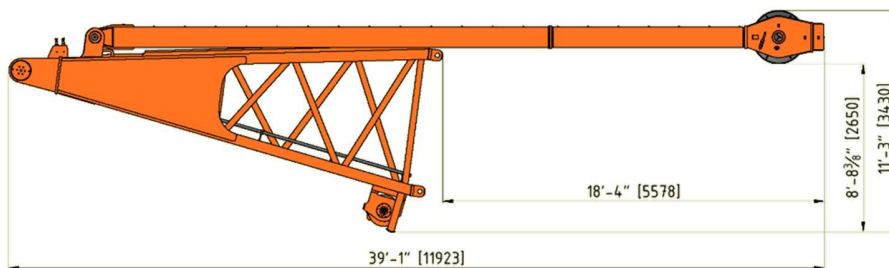
Transport

Boom Foot Section



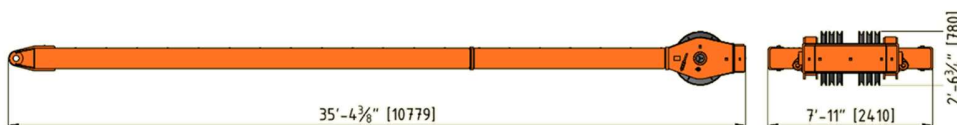
Length : 20'-9" /6.328 mm
 Width : 9'-2³/₈" /2.804 mm
 Height : 9'-11⁷/₈" /3.045 mm
 Weight : 15,610 lbs
 7.080 kg
 Qty : 1x

Boom Foot Section with A-frame



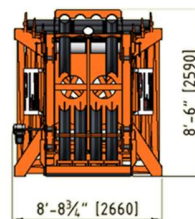
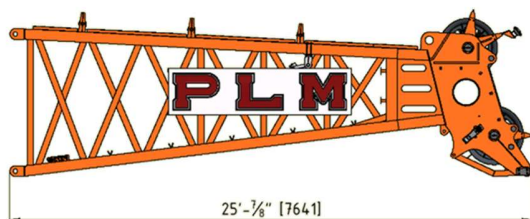
Length : 39'-1" /4.240 mm
 Width : 9'-2³/₈" /2.804 mm
 Height : 11'-3" /3.430 mm
 Weight : 23,330 lbs
 10.580 kg
 Qty : 1x

A-frame



Length : 35'-4³/₈" /10.779 mm
 Width : 7'-11" /2.410 mm
 Height : 2'-6³/₄" /780 mm
 Weight : 7,720 lbs
 3.500 kg
 Qty : 1x

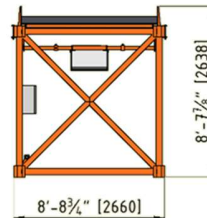
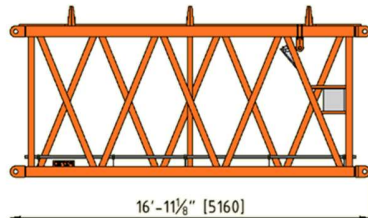
Boom Head Section (including pendants)



Length : 25'-7¹/₈" /7.641 mm
 Width : 8'-8³/₄" /2.660 mm
 Height : 8'-6" /2.590 mm
 Weight : 11,800 lbs
 5.350 kg
 Qty : 1x

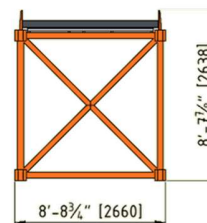
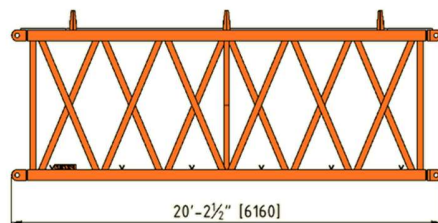
Transport

Boom Insert -1 (16 ft. / 5 meter – including pendants)



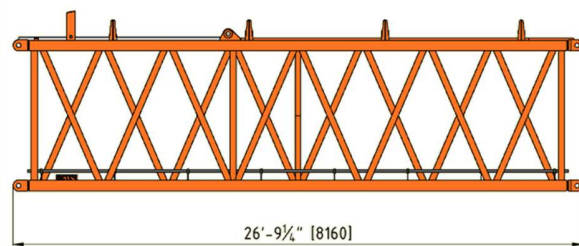
Length : 16'-11¹/₈" /5.160 mm
 Width : 8'-8³/₄" /2.660 mm
 Height : 8'-7⁷/₈" /2.638 mm
 Weight : 3,860 lbs
 1.750 kg
 Qty : 1x

Boom Insert -2 (20 ft. / 6 meter – including pendants)



Length : 20'-2¹/₂" /6.160 mm
 Width : 8'-8³/₄" /2.660 mm
 Height : 8'-7⁷/₈" /2.638 mm
 Weight : 4,740 lbs
 2.150 kg
 Qty : 5x

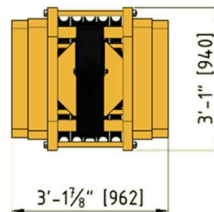
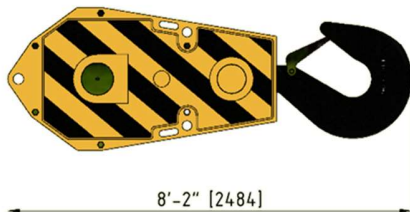
Boom Insert -3 (26 ft. / 8 meter – including pendants)



Length : 26'-9¹/₄" /8.160 mm
 Width : 8'-8³/₄" /2.660 mm
 Height : 8'-7⁷/₈" /2.638 mm
 Weight : 5,620 lbs
 2.550 kg
 Qty : 1x

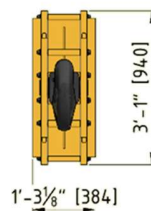
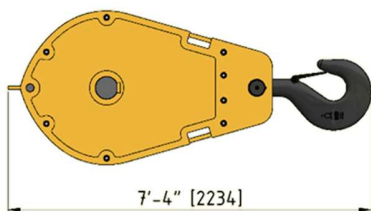
Transport

Lifting Block WLL 220 tons (440,900 lbs / 200.000 kg)



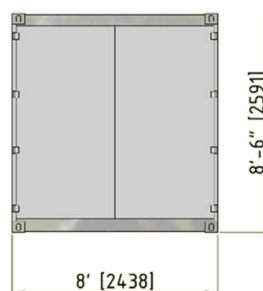
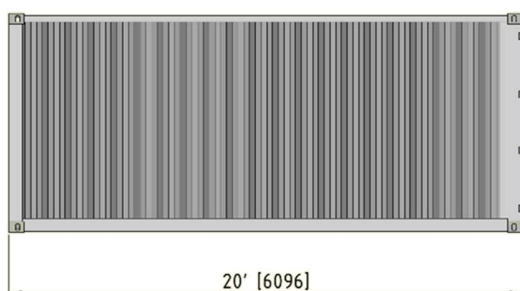
Length : 8'-2" /2.484 mm
 Width : 3'-1 7/8" /962 mm
 Height : 3'-1" /940 mm
 Weight : 5,840 lbs
 2.650 kg
 Qty : 1x

Lifting Block WLL 88 tons (176,400 lbs / 80.000 kg)



Length : 7'-4" /2.234 mm
 Width : 1'-3 3/8" /384 mm
 Height : 3'-1" /940 mm
 Weight : 2,870 lbs
 1.300 kg
 Qty : 1x

Auxiliary Parts – 20 ft. Container



Length : 20' /6.096 mm
 Width : 8' /2.438 mm
 Height : 8'-6" /2.591 mm
 Weight : 11,000 lbs
 5.000 kg
 Qty : 1x

Application

Grab Mode



According to EN 474-12
 Capacities do not exceed 66,6 % of tipping load
 145,500 lbs (66.000 kg) counterweight
 0 lbs (0 kg) carbody counterweight
 Max. capacity mechanical grab 77,000 lbs (35.000 kg)
 Winch line pull (per winch) 77,000 lbs (35.000 kg)

Hoist Mode



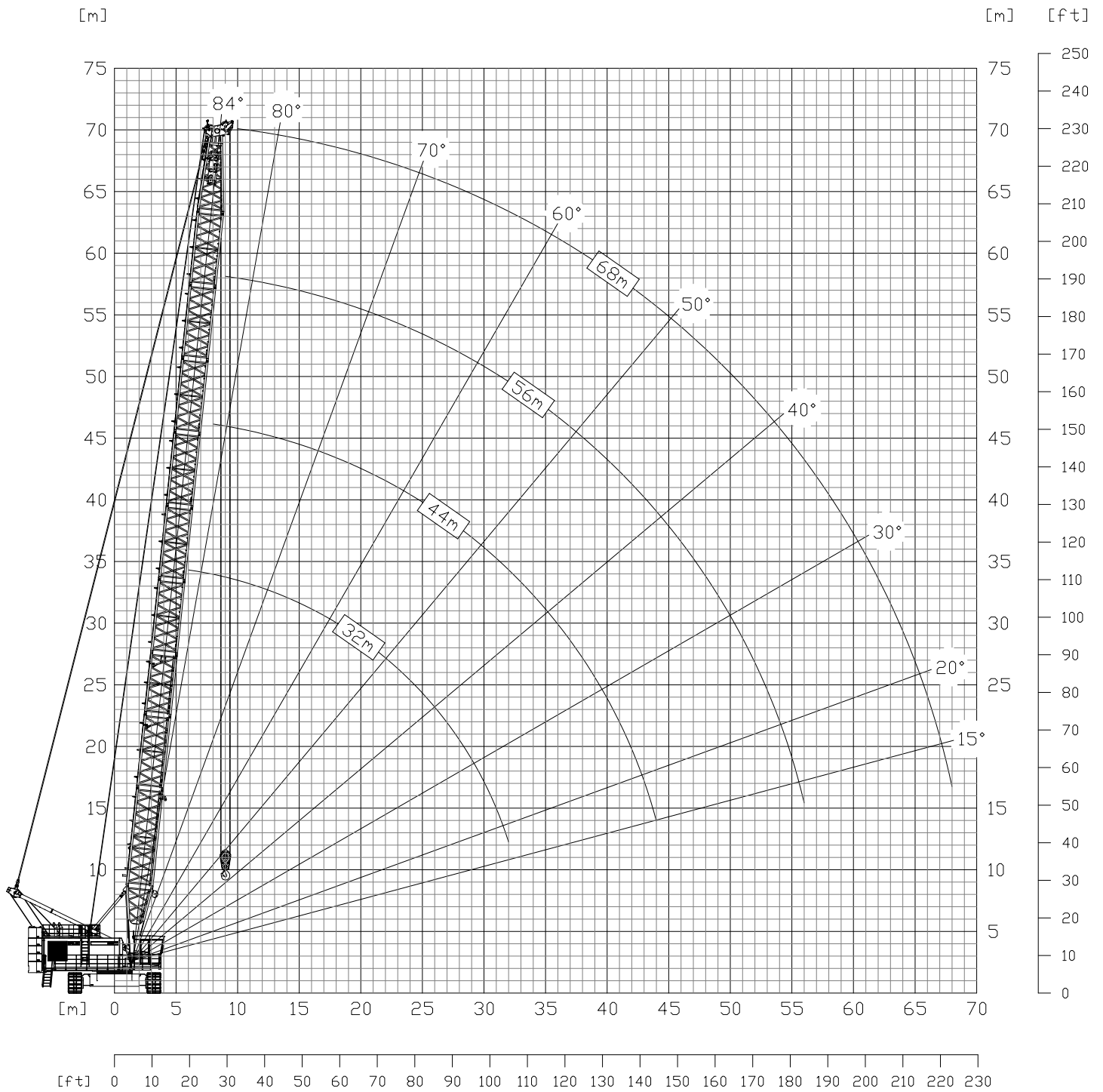
According to NEN-EN 13000 / ISO 4305
 -
 145,500 lbs (66.000 kg) counterweight
 81,600 lbs (37.000 kg) carbody counterweight
 -
 Hoist winch line pull 77,000 lbs (35.000 kg)

Main Boom Configuration

Boom Section	Length		Quantity					
	[ft]	[m]						
Boom foot	20	6	1	1	1	1	1	1
Boom insert 1	16	5	1	1	1	1	1	1
Boom insert 2	20	6	1	2	3	4	5	7
Boom insert 3	26	8	1	1	1	1	1	1
Boom head	23	7	1	1	1	1	1	1
Boom Length	[ft]		105	125	144	164	184	223
	[m]		32	38	44	50	56	68

Range diagram

Main Boom – Lifting mode



Lifting Mode

Capacities according to NEN-EN 13000 / ISO 4305

145,500 lbs (66.000 kg) Counterweight – 81,600 lbs (37.000 kg) Carbody Counterweight

Radius	105 ft 32 m	144 ft 44 m	184 ft 56 m	223 ft 68 m
--------	----------------	----------------	----------------	----------------

[ft]	[m]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[kg]
------	-----	-------	------	-------	------	-------	------	-------	------

20	6	446,400	202.500	-	-	-	-	-	-
23	7	400,100	181.500	-	-	-	-	-	-
26	8	357,400	162.100	303,800	137.800	-	-	-	-
30	9	321,400	145.800	287,000	130.200	219,800	99.700	-	-
33	10	277,600	125.900	255,700	116.000	214,300	97.200	153,200	69.500
39	12	209,400	95.000	208,100	94.400	190,700	86.500	146,800	66.600
46	14	166,400	75.500	164,900	74.800	161,200	73.100	140,700	63.800
53	16	137,100	62.200	135,100	61.300	133,200	60.400	127,600	57.900
59	18	115,500	52.400	113,500	51.500	111,600	50.600	109,600	49.700
66	20	99,200	45.000	97,200	44.100	95,000	43.100	92,800	42.100
72	22	86,400	39.200	84,200	38.200	82,000	37.200	79,800	36.200
79	24	75,800	34.400	73,900	33.500	71,400	32.400	69,200	31.400
85	26	67,200	30.500	65,300	29.600	62,800	28.500	60,400	27.400
92	28	60,000	27.200	58,000	26.300	55,600	25.200	53,100	24.100
98	30	53,800	24.400	51,800	23.500	49,400	22.400	47,000	21.300
105	32	48,100	21.800	46,500	21.100	44,100	20.000	41,700	18.900
112	34	-	-	41,900	19.000	39,500	17.900	36,800	16.700
118	36	-	-	37,700	17.100	35,300	16.000	32,800	14.900
125	38	-	-	34,200	15.500	31,700	14.400	29,100	13.200
131	40	-	-	30,900	14.000	28,400	12.900	26,000	11.800
138	42	-	-	27,800	12.600	25,600	11.600	23,100	10.500
144	44	-	-	24,900	11.300	22,900	10.400	20,500	9.300
151	46	-	-	-	-	20,500	9.300	18,100	8.200
158	48	-	-	-	-	18,300	8.300	15,900	7.200
164	50	-	-	-	-	16,300	7.400	13,900	6.300
171	52	-	-	-	-	14,600	6.600	12,100	5.500
177	54	-	-	-	-	12,800	5.800	10,400	4.700
184	56	-	-	-	-	11,000	5.000	8,800	4.000
190	58	-	-	-	-	-	-	7,300	3.300
197	60	-	-	-	-	-	-	6,000	2.700
203	62	-	-	-	-	-	-	4,900	2.200
210	64	-	-	-	-	-	-	3,300	1.500
217	66	-	-	-	-	-	-	2,200	1.000
223	68	-	-	-	-	-	-	1,100	500

Grab Mode

Capacities according to EN 474-12

145,550 lbs (66.000 kg) Counterweight – 0 lbs (0 kg) Carbody Counterweight

Radius		105 ft 32 m		125 ft 38 m		144 ft 44 m		164 ft 50 m	
[ft]	[m]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[kg]
23	7	121,300	55.000	-	-	-	-	-	-
26	8	121,300	55.000	121,300	55.000	121,300	55.000	-	-
30	9	121,300	55.000	121,300	55.000	121,300	55.000	121,300	55.000
33	10	121,300	55.000	121,300	55.000	121,300	55.000	121,300	55.000
36	11	121,300	55.000	121,300	55.000	121,300	55.000	121,300	55.000
39	12	121,300	55.000	121,300	55.000	121,300	55.000	121,300	55.000
43	13	121,300	55.000	121,300	55.000	121,300	55.000	121,300	55.000
46	14	121,300	55.000	121,300	55.000	121,300	55.000	121,300	55.000
49	15	121,300	55.000	121,300	55.000	121,300	55.000	121,300	55.000
53	16	118,200	53.600	117,500	53.300	116,800	53.000	116,200	52.700
56	17	108,500	49.200	107,800	48.900	107,100	48.600	106,500	48.300
59	18	99,900	45.300	99,200	45.000	98,500	44.700	97,900	44.400
62	19	92,600	42.000	91,900	41.700	91,300	41.400	90,400	41.000
66	20	86,000	39.000	85,300	38.700	84,700	38.400	84,000	38.100
69	21	80,200	36.400	79,600	36.100	78,900	35.800	78,000	35.400
72	22	75,200	34.100	74,500	33.800	73,600	33.400	73,000	33.100
76	23	70,500	32.000	69,900	31.700	69,000	31.300	68,100	30.900
79	24	66,100	30.000	65,700	29.800	64,800	29.400	63,900	29.000
82	25	62,400	28.300	61,700	28.000	61,100	27.700	60,200	27.300
85	26	58,900	26.700	58,200	26.400	57,500	26.100	56,700	25.700
89	27	55,800	25.300	55,100	25.000	54,200	24.600	53,600	24.300
92	28	52,700	23.900	52,000	23.600	51,400	23.300	50,500	22.900
95	29	50,000	22.700	49,400	22.400	48,700	22.100	47,800	21.700
98	30	47,400	21.500	47,000	21.300	46,100	20.900	45,200	20.500
102	31	45,000	20.400	44,500	20.200	43,900	19.900	43,000	19.500
105	32	42,800	19.400	42,300	19.200	41,700	18.900	40,800	18.500
108	33	40,600	18.400	40,300	18.300	39,500	17.900	38,800	17.600
112	34	-	-	38,400	17.400	37,700	17.100	36,800	16.700
115	35	-	-	36,600	16.600	35,900	16.300	35,100	15.900
118	36	-	-	34,800	15.800	34,200	15.500	33,300	15.100
121	37	-	-	33,100	15.000	32,600	14.800	31,700	14.400
125	38	-	-	31,500	14.300	31,100	14.100	30,200	13.700
128	39	-	-	-	-	29,800	13.500	28,900	13.100
131	40	-	-	-	-	28,200	12.800	27,600	12.500
135	41	-	-	-	-	26,900	12.200	26,200	11.900
138	42	-	-	-	-	25,800	11.700	25,100	11.400
141	43	-	-	-	-	24,500	11.100	24,000	10.900
144	44	-	-	-	-	23,400	10.600	22,700	10.300
148	45	-	-	-	-	-	-	21,800	9.900
151	46	-	-	-	-	-	-	20,700	9.400
154	47	-	-	-	-	-	-	19,800	9.000
158	48	-	-	-	-	-	-	18,700	8.500
161	49	-	-	-	-	-	-	17,900	8.100
164	50	-	-	-	-	-	-	17,000	7.700

Features

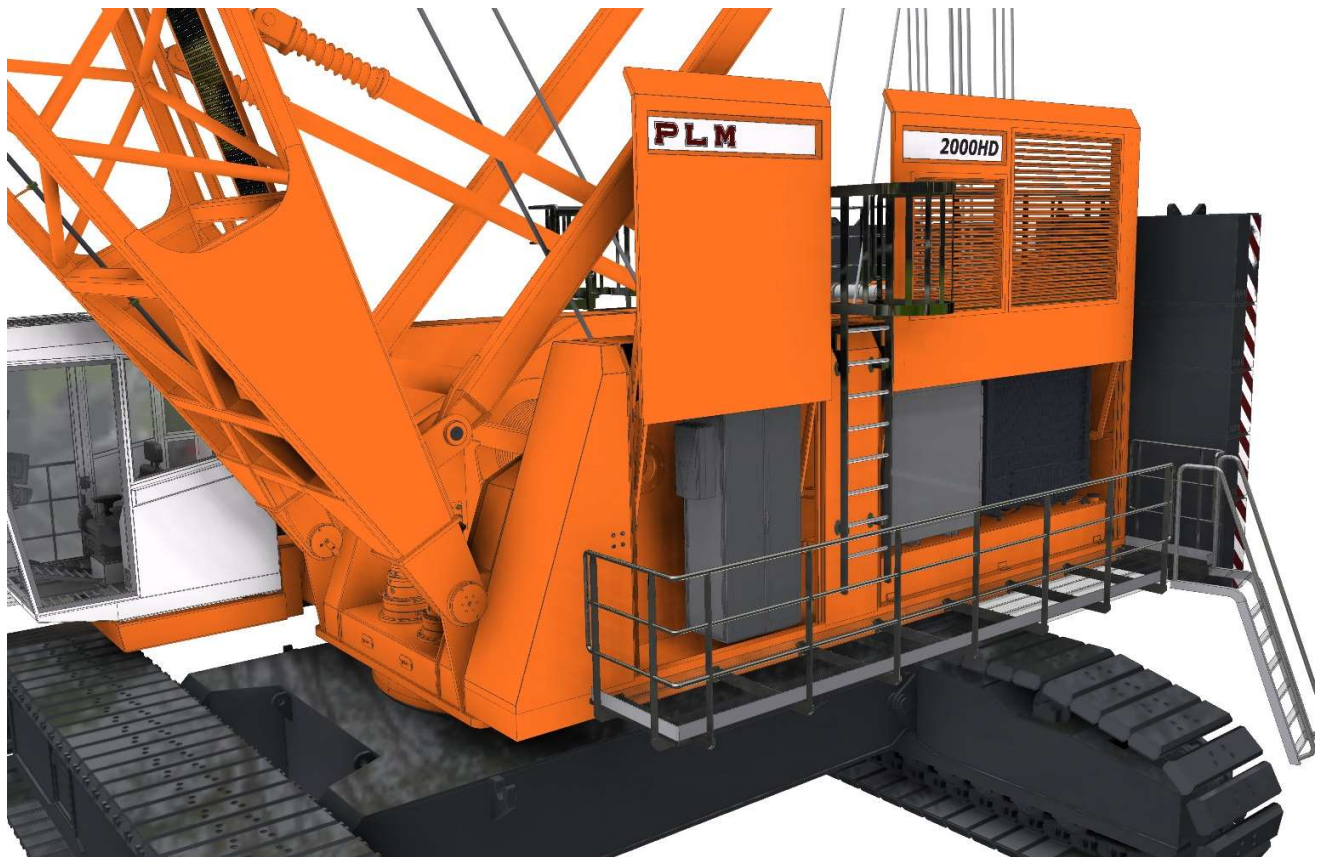
The PLM 2000 HD is equipped with the following features:

Safety

- LMI (Load Moment Indicator)
- ATB (Anti-two block) system

Maintenance

- Automatic Lubrication System; Lincoln
- 4 Large access doors to machinery housing that can be opened hydraulically.



- Totally enclosed machinery housing
- Environmentally safe oil tight machinery space floor that can contain all hydraulic fluid in case of leaking
- Drains in the bottom of the machinery space floors to drain oil / water.

Comfort

- Camera System with camera on winches, zoom camera in boom tip and 9" display; Orlaco

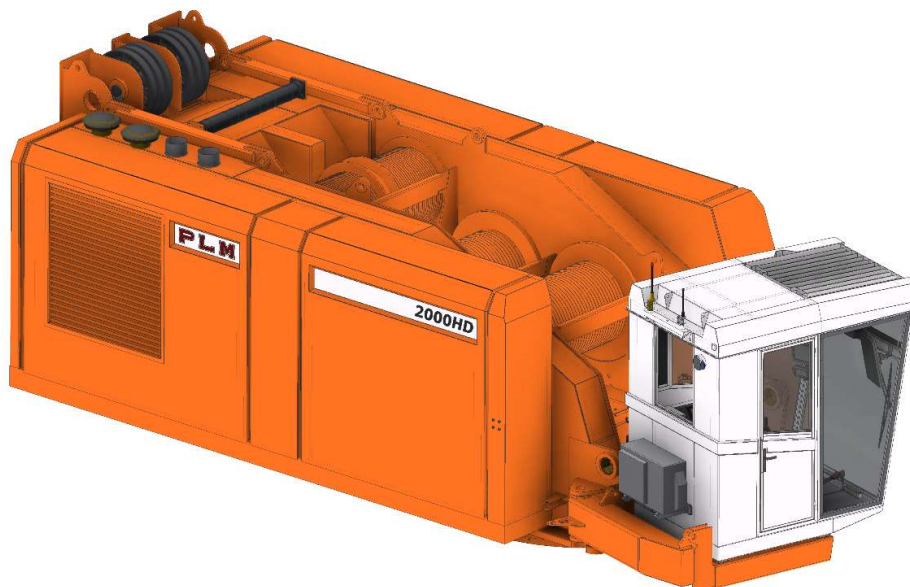
Features

Cabin

- Spacious 63" (1600 mm) wide.
- Camera System with camera on winches, zoom camera in boom tip and 9" display; Orlaco
- Air-conditioning unit (24 VDC)
- Tiltable (hydraulic) for a better view of the load during lifting operation (tilting angle 20°)



- Rotatable cabin (foundation) to keep the cabin within the width of the superstructure for transport



Equipment

- WLL 88 tons lifting block; single hook / 1-sheave

Options

The following options are available for the PLM 2000 HD:

Superstructure

- Caterpillar C32 engine; 1125 bhp / 839 bkW @ 1800 rpm
- (Controlled) freefall grab winches, holding and closing winch linepull 77.000 lbs. (35.000 kg)
- Front grab winch as dragwinch (controlled freefall) with 100.000 lbs. (45.000 kg) linepull and fairlead
- Auxiliary hoist winch mounted in boom foot; linepull 17,600 lbs. (8.000 kg)
- Tagline winch with increased linepull; 15,400 lbs. (7.000 kg)
- Silent-pack on air in- and outlet
- Cold weather pack; hydraulic tank heating, machinery space heating and louvres on air in- and outlet.
- 20 kVA 110VAC 60Hz Diesel generator with silent pack (o.a. required for cold weather pack)
- 20 kVA 110VAC 60Hz hydraulic generator (operational with running main engine only)
- 12" Orlaco camera display
- Climate control in operators cabin
- 110 VAC split-unit air-conditioning
- Overpressure unit 24 VDC

Undercarriage

- Jack-up system; 4 hydraulic cylinders on carbody

Boom

- Extra wide walkway on top of boom; width 3.3 ft. (1000 mm), (standard 2 ft. /600 mm)
- Monkey for electric cable for dropball operation
- Hydraulic hose reel for hydraulic grab(s)
- Auxiliary Jib, single sheave, 8.2 ft. (2.500 mm) offset, SWL 110 tons (100.000 kg)

Equipment

- WLL 220 tons (440,900 lbs) lifting block; double hook / 4-sheaves
- WLL 176 tons (352,700 lbs) lifting block; double hook / 3-sheaves
- WLL 110 tons (220,500 lbs) lifting block; double hook / 2-sheaves
- WLL 55 tons (110,200 lbs) lifting block; single hook / 1-sheave
- WLL 39 tons (77,200 lbs) ball weight; single hook
- 2-rope mechanical grab(s)
- Single rope hydraulic grab(s)
- Dragline bucket

General

- Self-Assembly pack, including Jack-up system.

Types

- The PLM 2000 HD is also available as a fully electric crane (PLM 2000 HDE), or as an electric over hydraulic machine (PLM 2000 HD-EH).
- For heavy lift operation and increased capacity the PLM 2000 HD-EC is available with reinforced boom and extendable counterweight.

