



X4000-RCC

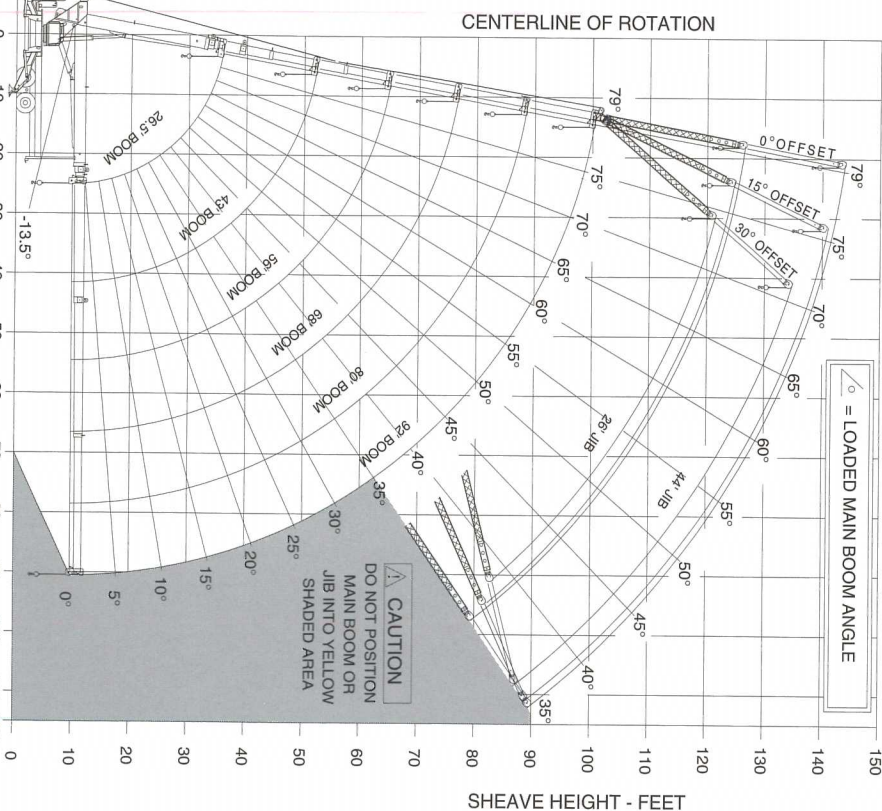


X4000-RCC (Rotating Control Center)

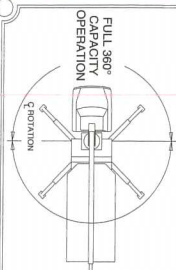
- 28.8 ton capacity
- 4 section, 92' proportional boom
- 102'-8" main boom maximum sheave height
- Two stage 44' jib, 146' maximum sheave height (15° and 30° offsets)
- Patented "X" outriggers located on the exact center of gravity and center of rotation for ultimate stability
- Continuous rotation
- Overall outrigger spread 19'

PIONEER CRANES

RANGE DIAGRAM



AREA OF OPERATION



WARNING

MIN. 320 FEET OF STD CABLE REQUIRED ON THIS MACHINE

a) 9/16 DIA 6X26 ERS W/RC STRENGTH 15.5F (STD)

b) 9/16 DIA ROTATION RESISTANT 37000 LB BREAK STRENGTH 9.0T

THIS MACHINE WAS MANUFACTURED TO MEET OSHA REGULATIONS 1910.180 AND 1926.553 WHERE APPLICABLE AT THE TIME OF PRODUCTION

CAUTION

KEEP AT LEAST 3 WRAPS OF LOADLINE ON DRUM AT ALL TIMES.

ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE. REFER TO OWNER'S MANUAL.

OVERHAUL BALL

SINGLE SHEAVE LOAD BLOCK 210 LBS

DOUBLE SHEAVE LOAD BLOCK 340 LBS

TRIPLE SHEAVE LOAD BLOCK 380 LBS

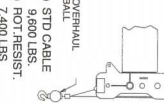
BOOM LOAD RATING IN LBS. WITH OUTRIGGERS EXTENDED AND MACHINE LEVEL

RAD FT.	26.5 FT BOOM	43 FT BOOM	56 FT BOOM	68 FT BOOM	80 FT BOOM	92 FT BOOM
5	76 a) 57600					
8	69 38200					
10	64 32000	75 25000				
12	59 27900	72 22750	77 22400			
14	54 25300	69 20400	75 19900	78 18500		
16	48 22100	66 17950	72 17500	76 16850		
20	34 18600	60 15200	68 13600	72 12950	76 12550	
24	10 13750	53 13100	63 11250	69 10680	73 9970	76 10500
30		42 10500	56 9770	64 8870	68 8370	72 8170
35		32 9170	50 8370	59 7470	64 6870	68 6670
40			43 7170	54 6370	60 5770	65 5470
45			35 5970	48 5370	56 4970	61 4670
50				42 4970	51 4370	58 3870
55				35 4070	46 3770	54 3270
60					41 3270	50 2970
65					35 2670	45 2570
70						40 2270
75					28 2470	35 1670
80					18 1870	29 1570
85					8 1370	21 1270
90						8 670
MAX. PARTS OF LINE	6	4	3	2	2	2
JIB DEDUCTION LBS.	600	370	285	235	200	175

JIB LOAD RATING IN LBS. WITH OUTRIGGERS EXTENDED AND MACHINE LEVEL

RAD FT.	26 FT 0° OFFSET	26 FT 15° OFFSET	26 FT 30° OFFSET	44 FT 0° OFFSET	44 FT 15° OFFSET	44 FT 30° OFFSET
30	77 5850					
35	75 5100	78 3550		77 3350		
40	73 4500	75 3400		75 3100		
45	70 3850	73 3200	75 2400	73 2830	77 2050	
50	67 3300	70 2960	73 2300	71 2560	75 1750	79 1320
55	65 2800	68 2750	70 2200	69 2350	73 1650	76 1250
60	62 2450	65 2500	67 2100	67 2150	71 1550	74 1150
65	59 2100	62 2200	64 2000	64 1950	68 1450	72 1100
70	56 1800	59 1850	61 1850	62 1800	66 1350	69 1050
75	53 1500	56 1550	58 1650	59 1600	64 1300	67 1000
80	49 1250	52 1300	55 1350	57 1450	61 1250	64 1000
85	46 1000	49 1050	51 1150	54 1250	58 1200	62 950
90	42 800	45 850	47 950	51 1100	56 1150	59 900
95	39 600	41 700	43 750	48 900	53 1000	56 800
100	35 390	37 500	38 550	45 750	49 850	52 825
105				42 550	46 675	49 700
110				38 400	43 550	45 550
115						41 450

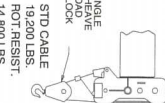
1 PART LINE



a) STD CABLE 9,680 LBS.

b) ROT RESIST. 7,400 LBS.

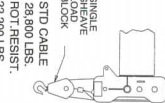
2 PART LINE



a) STD CABLE 10,200 LBS.

b) ROT RESIST. 14,800 LBS.

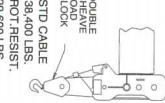
3 PART LINE



a) STD CABLE 28,800 LBS.

b) ROT RESIST. 22,200 LBS.

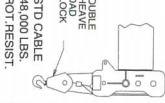
4 PART LINE



a) STD CABLE 38,400 LBS.

b) ROT RESIST. 29,600 LBS.

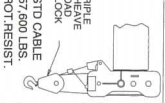
5 PART LINE



a) STD CABLE 48,000 LBS.

b) ROT RESIST. 37,000 LBS.

6 PART LINE



a) STD CABLE 57,600 LBS.

b) ROT RESIST. 44,400 LBS.

X4000-RCC

LOAD RATING CHART

PIONEER CRANES

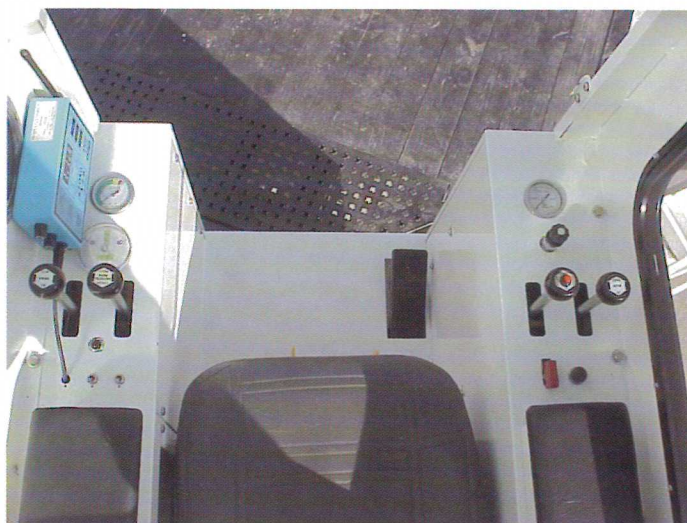
387 DUCK ROAD, GRANDBURY, MISSOURI USA 64020

63-00032

PIONEER X4000-RCC



Safety & Increased Productivity



X4000-RCC (Rotating Control Center)

- Patented X outrigger system provides most stable crane on the market
- Dual outrigger control system - ground and control center operated for increased safety
- Mounting style remains behind the cab with choice of 18'-20' flatbed styles
- Armchair style, standard ANSI controls
- New hydra-max hydraulic system with minimal system back pressure and improved control characteristics
- Full continuous rotation in 45 seconds
- Swing lockout system disables swing function until outriggers are deployed
- Heavy duty tandem motor two-speed winch with maximum 230 fpm
- Full boom extension and retraction in 60 seconds each
- Boom angle indicator mounted on boom hoist cylinder for easy visual reference
- Retractable steps and grab rails for easy access on and off
- Radio ATB system has radio sender built into switch mechanism with quick transfer from boom to jib tip
- Extra control valve and actuation switch for optional hydraulic features (roofers package)



Optional Cab Enclosure Features:

- Dome light
- Safety glass
- Windshield wiper
- Heater / defroster / fan
- 3-way adjustable cushioned seat
- Cab mounted flood light

PIONEER X4000-RCC

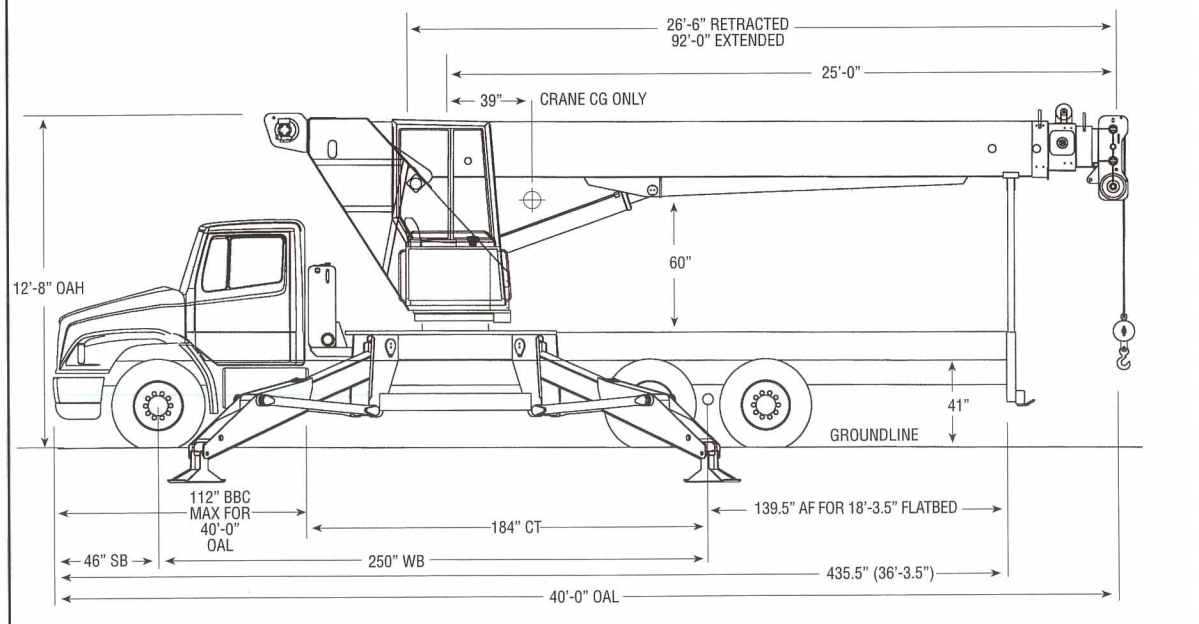


Minimum Truck Chassis Requirements

Gross Vehicle Weight Rating:	52,000 lbs.
Front Axle Weight Rating:	18,000 lbs.
Rear Axle Weight Rating:	34,000 lbs.
Wheelbase:	250 inches
Cab-to-Axle:	184 inches
Frame Section Modulus:	30 inches ³
RBM Per Frame Rail:	3,300,000 in. lbs.

Consult factory for special applications.

Do not operate crane, booms, jib extensions, any accessories, or loads within ten (10) feet (3 meters) of live power lines or other conductors of electricity.



Standard Equipment:

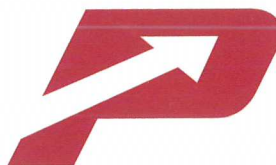
- Patented X type outrigger design
- Continuous rotation
- Radio ATB system
- Heavy duty two-speed winch
- Dual outrigger control system
- Electronic throttle
- Rotating Control Center
- Dial-a-Swing rotation speed control
- Two-speed hydraulic boom extension system
- Hydraulic Pressure gauges
- Capacity alert indicator gauge
- Three-sheave boom tip
- Two section 44' jib with 15 and 30 degree offsets
- Back-up alarm
- Non-skid steps and operator's platform
- Air shift PTO
- Winch cable tension roller
- Rear underride bumper
- Turret and shearball bearing
- Planetary rotation gearbox with integral brake
- Gearbox motor with integral counterbalance valves
- Four-section proportional boom
- 320' of 9/16" 6x25 IWRC EIPS wire rope
- Three-section vane pump
- Hydraulic shut-down capacity alert
- Maximum theoretical line speed: 230 fpm
- Maximum bottom layer line pull: 12,150 lbs.
- ANSI B30.5/OSHA 1910.180/OSHA 1926.550
- Engine start/stop switch at control station
- 100 gallon hydraulic reservoir including hydraulic fluid
- 10-micron return filter with element replacement indicator
- Suction line shut-off valve
- Reservoir temperature/level gauge

- Suction strainer with by-pass
- Boom rest (removable)
- Overhaul ball with swivel hook
- Fully painted
- Complete with decals and warning placards
- Manuals
- Custom installation on truck chassis

Optional Equipment:

- Enclosed Cab
- Heater
- 2-man personnel basket
- Single man personnel basket
- Hydraulic hose reel
- Oil Cooler
- Spin resistant cable
- Load blocks
- Bed
- Tool Boxes
- Load monitor

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