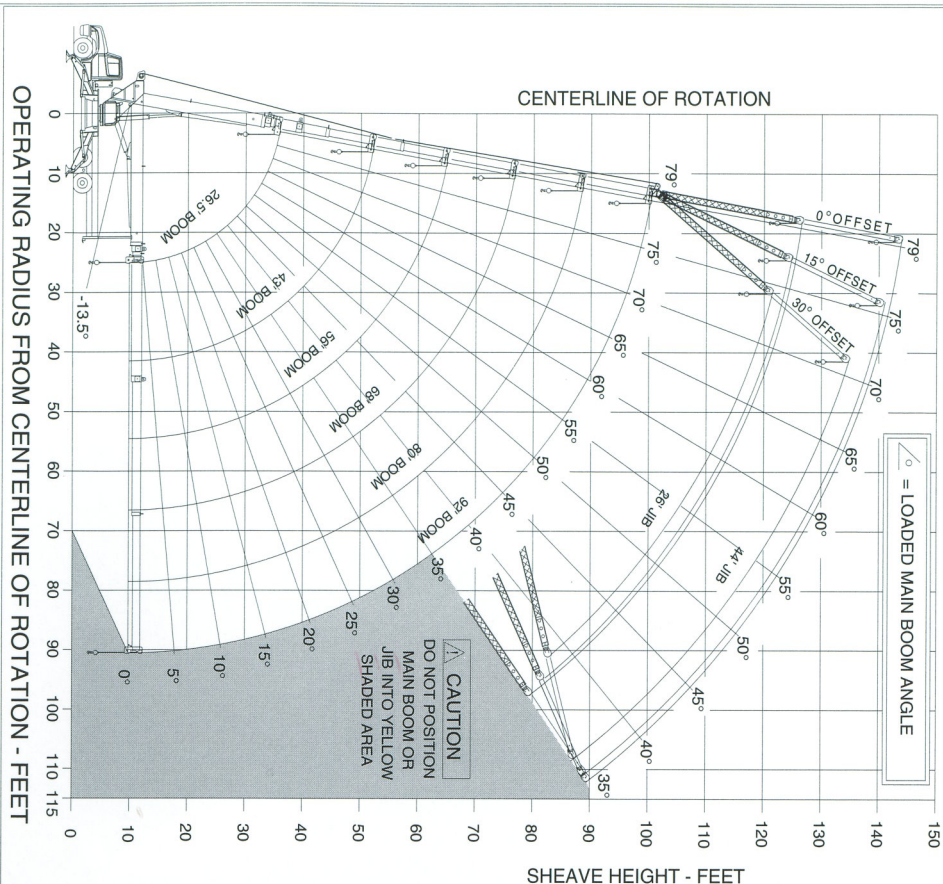


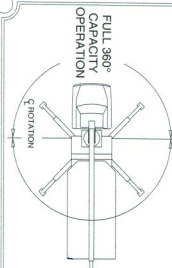


PIONEER X4000-RCC

RANGE DIAGRAM



AREA OF OPERATION



WARNING

MIN. 320 FEET OF STD CABLE REQUIRED ON THIS MACHINE
a) 9/16 DIA 6X25 EIPS IWRC 33800 LB BREAK STRENGTH 3.55F (STD)
b) 9/16 DIA ROTATION RESISTANT 37000 LB BREAK STRENGTH 3.61
THIS MACHINE WAS MANUFACTURED TO MEET OSHA REGULATIONS 1910.180 AND 1926.550 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 OWNERS MANUAL.
DEDUCTIONS FROM RATED LOADS FOR LOAD HANDLING DEVICES SUPPLIED BY PIONEER CRANES
OVERHAUL BALL _____ 170 LBS
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	25000				
12 59	27900	22750	22400			
14 54	25300	20400	19900	18500		
16 48	22100	17950	17500	16850	12550	
20 34	18600	15200	13600	12950	12550	10500
24 10	13750	13100	11250	10680	9970	8170
30		10500	9770	9470	8770	72
35		9170	8370	7470	6870	6670
40		7170	7070	6370	5770	5470
45			5970	5370	4970	4670
50			4970	4270	4370	3870
55				3570	3770	3270
60				2670	3270	2970
65					2870	2570
70					1870	1870
75					1370	1570
80						1270
85						
90						

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

RAD FT.	26 FT JIB	44 FT JIB	56 FT JIB	68 FT JIB	80 FT JIB	92 FT JIB
30 77	5850					
35 75	5100	3550				
40 73	4500	3400	2500			
45 70	3850	3200	2400	2830	2050	
50 67	3300	2960	2300	2560	1750	1320
55 65	2800	2750	2200	2350	1650	1250
60 62	2450	2500	2100	2150	1550	1150
65 59	2100	2200	2000	1950	1450	1100
70 56	1800	1850	1850	1800	1300	1000
75 53	1500	1550	1650	1600	1250	950
80 49	1250	1300	1350	1450	1150	900
85 46	1000	1050	1150	1250	1000	880
90 42	800	850	950	1100	900	825
95 39	600	700	43	550	46	700
100 35	390	37	500	38	400	43
105						
110						
115						

X4000-RCC

LOAD RATING CHART

PIONEER CRANES
301 DUCK ROAD, GRANDVIEW, MISSOURI 64030

63-00002



1 PART LINE
OVERHAUL BALL
a) STD CABLE 9,600 LBS.
b) ROT RESIST. 7,400 LBS.



2 PART LINE
SINGLE SHEAVE LOAD BLOCK
a) STD CABLE 19,200 LBS.
b) ROT RESIST. 14,800 LBS.



3 PART LINE
SINGLE SHEAVE LOAD BLOCK
a) STD CABLE 28,800 LBS.
b) ROT RESIST. 22,200 LBS.



4 PART LINE
DOUBLE SHEAVE LOAD BLOCK
a) STD CABLE 38,400 LBS.
b) ROT RESIST. 29,600 LBS.



5 PART LINE
DOUBLE SHEAVE LOAD BLOCK
a) STD CABLE 48,000 LBS.
b) ROT RESIST. 37,000 LBS.



6 PART LINE
THREE LOAD BLOCKS
a) STD CABLE 57,600 LBS.
b) ROT RESIST. 44,400 LBS.