

MODEL OMEGA 20-20 TON HYDRAULIC CRANE LOAD RATING

360° LOAD RATINGS IN POUNDS WITH OUTRIGGERS EXTENDED

LOADING POINT	POWERED BOOM LENGTH			MANUAL		22 FT. BOOM EXTENSION 85 FT. LENGTH WITH MANUAL RETRACTED SEE WARNING, NOTE NO. 2	22 FT. BOOM EXTENSION 102 FT. LENGTH WITH MANUAL EXTENDED SEE WARNING, NOTE NO. 2	OPERATING POINT
	27 FT.	45 FT.	63 FT.	80 FT.	EXTENDED			
10	57	40000	72	33000				
12	52		70	30000				
15	43		65	25500	74	22000		
20	20		58	20000	69	18000		
25			50	14000	64	14000	74	8600
30			40	9800	58	9800	71	8000
35			27	7100	52	7100	67	7500
40					46	6000	64	6500
45					39	4600	60	5600
50					30	3600	56	4800
55					17	2700	51	4100
60							46	3300
65							41	2700
70							35	2200
74							29	1800
							22	1500

DEFINITIONS

OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION BEFORE LOADING, TO THE CENTER OF THE VERTICAL HOIST LINE OR TACKLE WITH LOAD APPLIED.
 LOADED BOOM ANGLE IS THE INCLUDED ANGLE BETWEEN HORIZONTAL AND THE LONGITUDINAL AXIS OF THE BOOM BASE AFTER LIFTING RATED LOAD AT RATED RADIUS. (SEE WARNING NOTE 5)

20 ft. H. - 17 ft.

MIN. BOOM ANGLE	MAX. JIB LOAD RATINGS IN POUNDS	OPERATING POINT
0°	7500	12
10°	6500	15
20°	5500	20
30°	4500	25
40°	3700	30
45°	3000	35
50°	2450	40
55°	1900	45
60°	1550	50
70°	1100	55
80°	900	60
85°	700	65
90°	500	70

INFORMATION:

- CRANE LOAD RATINGS ARE FOR MACHINES WITH 4277 P DO NOT EXCEED 85% OF TIPPING LOADS WITHOUT STOP RATINGS ABOVE THE HEAVY LINE ARE BASED ON, STRUCTURAL COMPETENCE AND NOT ON MACHINE STAIN WEIGHTS OF HOOKS, HOOKBLOCKS, SLINGS, AND ALL SHALL BE CONSIDERED A PART OF THE LOAD.
- CRANE LOAD RATINGS WITH OUTRIGGERS ARE BASED ON AND SET TO A DISTANCE OF 8'2.75" FROM THE LONGITUD OUTRIGGER FLOAT PIVOT CONNECTION WITH ALL LOAD METHOD OF POWERED BOOM EXTENSION IS RANDOM EXTENDABLE A DISTANCE OF 18 FEET.
- LOADED BOOM ANGLES

PARTS OF LINE	HOIST REEVING - 1/2" DIA. WIRE RO		
	MAXIMUM LOAD	1	2
EQUIPPED WITH	6000	12000	18000
JIB/EXTENSION			4001

(* LOADED BOOM ANGLES)