



**MAIN HOIST
RAM100 TON 100 FT BOOM
MAXIMUM SAFE WORKING LOAD
L/B AUDREY**

Boom Angle (degrees)	Boom Radius (ft.)	Static Rating (x1000 lbs.)	Dynamic Rating (x1000 lbs.)
80	25	202.000	134.667
77	30	202.000	134.667
74	35	171.224	114.149
71	40	148.977	99.318
68	45	131.670	87.780
65	50	117.823	78.549
62	55	106.492	70.995
58	60	97.050	64.700
55	65	89.059	59.373
51	70	82.209	54.806
47	75	76.045	50.697
43	80	69.657	46.438
39	85	63.651	42.434
34	90	57.871	38.581
28	95	52.111	34.741
21	100	45.982	30.655
9	105	39.629	26.419
0	106	36.033	24.022

AUXILIARY HOIST MAXIMUM SAFE WORKING LOAD 12,000 LBS AT ALL RADII.

BASIS OF RATING:

- STATIC RATING ARE FOR LIFTING AND LANDING LOADS ON THE PLATFORM.
- DYNAMIC RATING ARE FOR LIFTING AND LANDING LOADS ON A FLOATING VESSEL.
- RATING EXCLUDE WEIGHT OF HOOK BLOCK AND OVERHAUL BALL

RIGGING:

- MAIN HOIST IS EIGHT PART REEVING OF 1" WIRE ROPE, ROTATION RESISTANT RIGHT REGULAR LAY WITH A MINIMUM BREAKING STRENGTH OF 127,000 LBS
- AUXILIARY HOIST IS ONE PART REEVING OF 3/4" WIRE ROPE, ROTATION RESISTANT RIGHT REGULAR LAY WITH A MINIMUM BREAKING STRENGTH OF 60,000 LBS
- BOOM HOIST IS ELEVEN PART REEVING OF 7/8" WIRE ROPE, 6X19 EEIP IWRC RIGHT REGULAR LAY, WITH A MINIMUM BREAKING STRENGTH OF 85,000 LBS
- PENDANTS: 2" WIRE ROPE 6X19 EEIP IWRC RIGHT REGULAR LAY, WITH A MINIMUM BREAKING STRENGTH OF 400,000 LBS EA.



MAIN HOIST
RAM10 TON 60 FT BOOM
MAXIMUM SAFE WORKING LOAD
L/B Audrey

Boom Angle (degrees)	Boom Radius (ft.)	Static Rating (x1000 lbs.)	Dynamic Rating (x1000 lbs.)
80	10	21.000	14.000
76	15	21.000	14.000
71	20	20.000	13.333
66	25	16.974	11.316
61	30	13.833	9.222
55	35	11.584	7.723
49	40	9.897	6.598
42	45	8.585	5.723
34	50	7.535	5.023
24	55	6.676	4.451
0	60	4.800	3.200

BASIS OF RATING:

- STATIC RATING ARE FOR LIFTING AND LANDING LOADS ON THE PLATFORM.
- DYNAMIC RATING ARE FOR LIFTING AND LANDING LOADS ON A FLOATING VESSEL.
- RATING EXCLUDE WEIGHT OF HOOK BLOCK

RIGGING:

- MAIN HOIST IS THREE PART REEVING OF 9/16" WIRE ROPE ROTATION RESISTANT RIGHT REGULAR LAY WITH A MINIMUM BREAKING STRENGTH OF 37,000 LBS