

## RELIABLE/LYNX BEAM CAPACITIES

Beam Length	3.0" Profile Cap/Pair	3.5" Profile Cap/Pair	3.92" Profile Cap/Pair	4.30" Profile Cap/Pair	4.85" Profile Cap/Pair	4.85" Profile Cap/Pair	5.5" Profile Cap/Pair	6.0" Profile Cap/Pair
48	6,823	8,376	9,826	11,225	13,414	15,666	18,994	
60	5,575	6,810	7,953	9,065	10,809	12,610	15,257	17,465
72	4,425	5,763	6,706	7,635	9,073	10,574	12,780	14,599
84	3,330	4,585	5,817	6,600	7,835	9,121	11,011	12,565
90	2,932	4,031	5,157	6,193	7,336	8,539	10,298	11,751
92	2,817	3,867	4,947	6,065	7,191	8,363	10,085	11,508
94	2,708	3,717	4,749	5,848	7,046	8,193	9,870	11,263
96	2,606	3,572	4,564	5,619	6,906	8,031	9,674	11,040
98	2,510	3,440	4,389	5,398	6,773	7,875	9,487	10,814
100	2,420	3,311	4,225	5,196	6,644	7,726	9,307	10,609
102	2,334	3,190	4,070	5,005	6,521	7,562	9,124	10,412
104	2,254	3,080	3,924	4,820	6,358	7,281	8,958	10,211
106	2,178	2,971	3,786	4,650	6,127	7,024	8,788	10,017
108	2,106	2,869	3,655	4,489	5,909	6,774	8,530	9,723
110	2,038	2,776	3,532	4,332	5,708	6,537	8,272	9,429
112	1,973	2,684	3,414	4,188	5,512	6,312	8,039	9,163
114	1,912	2,597	3,303	4,052	5,326	6,099	7,813	8,897
116	1,851	2,517	3,198	3,917	5,155	5,897	7,593	8,647
118	1,796	2,438	3,097	3,794	4,988	5,705	7,380	8,413
120	1,743	2,363	3,002	3,673	4,828	5,528	7,182	8,178
132	1,471	1,984	2,513	3,070	4,025	4,599	6,133	6,983
138	1,359	1,831	2,313	2,825	3,699	4,226	5,681	6,473
144	1,261	1,694	2,137	2,606	3,409	3,894	5,235	6,125
156	1,095	1,466	1,845	2,244	2,931	3,344	4,484	5,208
168	962	1,283	1,610	1,955	2,547	2,902	3,887	4,546

6.0" Profile Cap/Pair (DDH/D)	RELIABLE FRAME CAPACITIES		
	Beam Space	RU18 14ga 3x1 <sup>5</sup> / <sub>8</sub>	RU24 14ga 3x3
	36	22,000	30,300
18,211	42	20,800	28,600
15,658	48	19,100	26,500
14,644	54	17,400	24,300
14,325	60	15,700	22,100
14,035	66	14,000	19,800
13,743	72	12,300	17,600
13,476	78	10,700	15,400
13,206	84	9,300	13,500
12,961	90	8,200	12,000
12,712	96	7,300	10,700

LYNX FRAME CAPACITIES		
Beam Space	LU18 14ga 3x1 <sup>5</sup> / <sub>8</sub>	LU24 14ga 3x3
36	19,500	27,700
42	18,200	26,000
48	16,500	24,000
54	14,800	21,900
60	13,100	19,700
66	11,400	17,600
72	9,800	15,500
78	8,500	13,500
84	7,400	11,900
90	6,500	10,500
96	5,800	9,300

- |        |  |
|--------|--|
| 12,472 | 1. All capacities shown are in Lbs.                      |
| 12,109 | 2. Beam capacities are for uniformly distributed loads   |
| 11,772 | 3. Beams over 116" length should be tied across the      |
| 11,442 | middle to prevent beam spread.                           |
| 11,135 | 4. Beams over 90" length that support loose deck, should |
| 10,824 | be tied across the middle to prevent beam spread.        |
| 10,542 | 5. Please call Factory for any Beam spacing on a Frame   |
| 10,259 | greater than 96".  |
| 8,769  | 6. Values shown reflect the capacity of the Beams based  |
| 8,126  | on the lesser of its strength in bending or L/180        |
| 7,544  | deflection criteria.                                     |
| 6,547  | 7. Greyed out capacities in the top right hand corner of |
| 5,724  | the chart, exceed the safe capacity of the connectors.   |