

HC-238H Lattice Boom Crane Lifting Capacities

Boom - Tube; 70" (1.77 m) wide, 62" (1.57 m) deep with open throat top section and 26' (7.92 m) live mast.

Jib - Tube; 36" (.91 m) wide, 30" (.76 m) deep.

Mounting - rubber tire mobile base: Link-Belt; 8x4 drive, 260" (6.60 m) wheelbase, 11' 0" (3.35 m) wide.

Counterweights:

- "A" Upper - 23,000 lbs. (10 433 kg)
- "AB" Upper - 42,330 lbs. (19 201 kg)
- "ABC" Upper - 69,000 lbs. (31 298 kg)
- "A" Bumper - 13,500 lbs. (6 124 kg)

Maximum boom or boom + jib machine on outriggers can lift off ground unassisted - without load

| Standard HC-238H must be equipped with the counterweights listed below when the indicated boom or boom + jib lengths are used. | Boom or boom + jib lengths allowed | On Outriggers | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------|--------|------------|---------------|-----------|--------|------------|---------------|
| | | Over Rear | | | | Over Side | | | |
| | | Boom | | Boom + Jib | | Boom | | Boom + Jib | |
| | | Feet | meters | Feet | meters | Feet | meters | Feet | meters |
| Ctwt. 0 + 0 | Minimum | 50 | 15.24 | n/a | n/a | 50 | 15.24 | n/a | n/a |
| | Maximum | 160 | 48.77 | n/a | n/a | 140 | 42.67 | n/a | n/a |
| Ctwt. A + 0 | Minimum | 50 | 15.24 | n/a | n/a | 50 | 15.24 | n/a | n/a |
| | Maximum | 190 | 57.91 | n/a | n/a | 180 | 54.86 | n/a | n/a |
| Ctwt. AB + 0 | Minimum | 50 | 15.24 | n/a | n/a | 50 | 15.24 | n/a | n/a |
| | Maximum | 220 | 67.06 | n/a | n/a | 200 | 60.96 | n/a | n/a |
| Ctwt. AB + A | Minimum | 50 | 15.24 | n/a | n/a | 50 | 15.24 | n/a | n/a |
| | Maximum | 240 | 73.15 | n/a | n/a | 210 | 64.01 | n/a | n/a |
| Ctwt. ABC + 0 | Minimum | 50 | 15.24 | 50 + 30 | 15.24 + 9.14 | 50 | 15.24 | 50 + 30 | 15.24 + 9.14 |
| | Maximum | 240 | 73.15 | 210 + 70 | 64.01 + 21.34 | 240 | 73.15 | 200 + 70 | 60.96 + 21.34 |
| Ctwt. ABC + A | Minimum | 100 | 30.48 | 100 + 30 | 30.48 + 9.14 | 100 | 30.48 | 100 + 30 | 30.48 + 9.14 |
| | Maximum | 240 | 73.15 | 210 + 70 | 64.01 + 21.34 | 240 | 73.15 | 210 + 70 | 64.01 + 21.34 |

Maximum boom machine on tires can lift off ground unassisted - without load

| Standard HC-238H must be equipped with the counterweights listed below when the indicated boom lengths are used. | Boom lengths allowed | On Tires | | | |
|------------------------------------------------------------------------------------------------------------------|----------------------|-----------|--------|-----------|--------|
| | | Over Rear | | Over Side | |
| | | Boom | | Boom | |
| | | Feet | meters | Feet | meters |
| Ctwt. 0 + 0 | Minimum | 50 | 15.24 | n/a | n/a |
| | Maximum | 100 | 30.48 | n/a | n/a |
| Ctwt. A + 0 | Minimum | 50 | 15.24 | n/a | n/a |
| | Maximum | 130 | 39.62 | n/a | n/a |
| Ctwt. AB + 0 | Minimum | 50 | 15.24 | n/a | n/a |
| | Maximum | 160 | 48.77 | n/a | n/a |
| Ctwt. AB + A | Minimum | 50 | 15.24 | n/a | n/a |
| | Maximum | 180 | 54.86 | n/a | n/a |
| Ctwt. ABC + 0 | Minimum | 50 | 15.24 | n/a | n/a |
| | Maximum | 190 | 57.91 | n/a | n/a |
| Ctwt. ABC + A | Minimum | 100 | 30.48 | n/a | n/a |
| | Maximum | 210 | 64.01 | n/a | n/a |

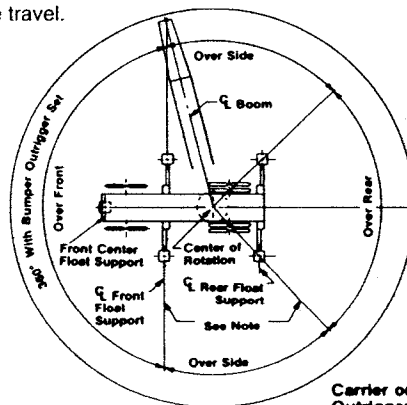
Gibbons Erectors, Inc.
8019 Towhee Road
Parker, CO 80134

Note: See Operator's Manual for allowable jobsite travel.

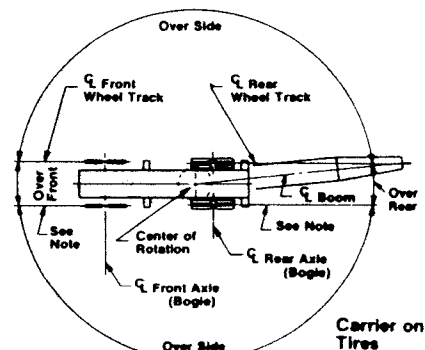
Working Areas

- These lines determine the limiting position of any load for operation within working areas indicated.

Caution: This material is for reference only. Operator must refer to in-cab Crane Rating Manual to determine allowable machine lifting capacities and operating procedures.



Carrier on Outriggers



Carrier on Tires

HC-238H Lift Crane Capacities - On Outriggers

| Boom Length (ft.) | Boom Angle (degree) | Capacities (lbs.) - On Outriggers Over Rear | | | | | | Capacities (lbs.) - On Outriggers 360 Degree Rotation | | | | | | | | |
|-------------------|---------------------|---------------------------------------------|----------|----------|----------|-----------|----------|-------------------------------------------------------|----------|----------|----------|-----------|----------|----------|----------|----------|
| | | "A" + 0 | | "AB" + 0 | | "ABC" + 0 | | "A" + 0 | | "AB" + 0 | | "ABC" + 0 | | | | |
| | | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | | | |
| 80' (24.38 m) | 70.2 | 56,400 | 79,200 | 99,700 | 104,400* | 115,100* | 115,100* | 93,000 | 99,200 | 115,100* | 93,000 | 99,200 | 115,100* | 93,000 | 99,200 | 115,100* |
| | 66.4 | 44,100 | 62,300 | 78,700 | 89,200* | 98,400* | 98,400* | 36,900 | 77,900 | 95,400 | 36,900 | 77,900 | 95,400 | 36,900 | 77,900 | 95,400 |
| | 62.4 | 35,900 | 51,000 | 64,800 | 77,600* | 82,700 | 82,700 | 29,700 | 63,800 | 78,300 | 29,700 | 63,800 | 78,300 | 29,700 | 63,800 | 78,300 |
| | 54.0 | 25,500 | 36,900 | 47,200 | 57,300 | 60,700 | 60,700 | 20,900 | 46,200 | 57,100 | 20,900 | 46,200 | 57,100 | 20,900 | 46,200 | 57,100 |
| | 44.5 | 19,300 | 28,400 | 36,700 | 44,800 | 47,400 | 47,400 | 15,500 | 35,800 | 44,500 | 15,500 | 35,800 | 44,500 | 15,500 | 35,800 | 44,500 |
| | 33.1 | 15,100 | 22,700 | 29,600 | 36,300 | 38,600 | 38,600 | 11,900 | 28,800 | 36,100 | 11,900 | 28,800 | 36,100 | 11,900 | 28,800 | 36,100 |
| | 15.6 | 12,100 | 18,600 | 24,500 | 30,300 | 32,200 | 32,200 | 9,300 | 22,100 | 28,800 | 9,300 | 22,100 | 28,800 | 9,300 | 22,100 | 28,800 |
| | 80.0 | 138,600 | 153,700* | 167,100* | 167,100* | 169,300* | 169,300* | 122,800 | 167,100* | 169,300* | 122,800 | 167,100* | 169,300* | 122,800 | 167,100* | 169,300* |
| | 79.7 | 132,000 | 150,400* | 163,500* | 163,500* | 168,300* | 168,300* | 116,400 | 163,500* | 168,300* | 116,400 | 163,500* | 168,300* | 116,400 | 163,500* | 168,300* |
| | 79.1 | 118,200 | 143,000* | 155,700* | 155,700* | 166,200* | 166,200* | 103,700 | 155,700* | 166,200* | 103,700 | 155,700* | 166,200* | 103,700 | 155,700* | 166,200* |
| 90' (27.43 m) | 75.8 | 77,000 | 107,300 | 125,000* | 125,000* | 137,600* | 137,600* | 66,100 | 125,000* | 137,600* | 66,100 | 125,000* | 137,600* | 66,100 | 125,000* | 137,600* |
| | 72.5 | 56,400 | 79,100 | 99,700 | 104,000* | 114,600* | 114,600* | 47,700 | 93,000 | 114,700* | 47,700 | 93,000 | 114,700* | 47,700 | 93,000 | 114,700* |
| | 69.1 | 44,100 | 62,200 | 78,700 | 88,900* | 98,000* | 98,000* | 36,900 | 77,800 | 95,900 | 36,900 | 77,800 | 95,900 | 36,900 | 77,800 | 95,900 |
| | 65.7 | 35,800 | 50,900 | 64,700 | 77,300* | 82,600 | 82,600 | 29,600 | 63,700 | 78,200 | 29,600 | 63,700 | 78,200 | 29,600 | 63,700 | 78,200 |
| | 58.5 | 25,400 | 36,800 | 47,000 | 57,200 | 60,600 | 60,600 | 20,800 | 43,200 | 57,000 | 20,800 | 43,200 | 57,000 | 20,800 | 43,200 | 57,000 |
| | 50.7 | 19,200 | 28,300 | 36,600 | 44,700 | 47,300 | 47,300 | 15,400 | 33,300 | 44,400 | 15,400 | 33,300 | 44,400 | 15,400 | 33,300 | 44,400 |
| | 41.8 | 15,100 | 22,600 | 29,500 | 36,200 | 38,500 | 38,500 | 11,800 | 28,700 | 35,900 | 11,800 | 28,700 | 35,900 | 11,800 | 28,700 | 35,900 |
| | 31.1 | 12,000 | 18,600 | 24,400 | 30,200 | 32,100 | 32,100 | 9,300 | 22,000 | 29,500 | 9,300 | 22,000 | 29,500 | 9,300 | 22,000 | 29,500 |
| | 14.7 | 9,700 | 15,400 | 20,600 | 25,600 | 27,300 | 27,300 | 7,300 | 18,400 | 25,300 | 7,300 | 18,400 | 25,300 | 7,300 | 18,400 | 25,300 |
| | 100' (30.48 m) | 80.0 | 114,500 | 140,300* | 152,800* | 152,800* | 153,300* | 153,300* | 100,300 | 152,800* | 153,300* | 100,300 | 152,800* | 153,300* | 100,300 | 152,800* |
| 77.3 | | 77,000 | 107,300 | 124,500* | 124,500* | 137,100* | 137,100* | 66,100 | 124,500* | 137,100* | 66,100 | 124,500* | 137,100* | 66,100 | 124,500* | 137,100* |
| 74.3 | | 56,300 | 79,000 | 99,600 | 103,600* | 114,200* | 114,200* | 47,600 | 92,900 | 114,200* | 47,600 | 92,900 | 114,200* | 47,600 | 92,900 | 114,200* |
| 71.3 | | 44,000 | 62,100 | 78,500 | 88,500* | 97,600* | 97,600* | 36,800 | 77,700 | 95,200 | 36,800 | 77,700 | 95,200 | 36,800 | 77,700 | 95,200 |
| 68.3 | | 35,700 | 50,800 | 64,600 | 76,900* | 82,400 | 82,400 | 29,500 | 59,500 | 78,100 | 29,500 | 59,500 | 78,100 | 29,500 | 59,500 | 78,100 |
| 61.9 | | 25,200 | 36,700 | 46,900 | 60,400 | 67,200* | 67,200* | 20,700 | 43,900 | 56,900 | 20,700 | 43,900 | 56,900 | 20,700 | 43,900 | 56,900 |
| 55.2 | | 19,100 | 28,100 | 36,400 | 44,500 | 47,100 | 47,100 | 15,300 | 33,100 | 44,300 | 15,300 | 33,100 | 44,300 | 15,300 | 33,100 | 44,300 |
| 47.9 | | 14,900 | 22,500 | 29,300 | 36,100 | 38,300 | 38,300 | 11,700 | 26,500 | 35,800 | 11,700 | 26,500 | 35,800 | 11,700 | 26,500 | 35,800 |
| 39.6 | | 11,900 | 18,400 | 24,200 | 30,000 | 32,000 | 32,000 | 9,100 | 15,800 | 21,900 | 9,100 | 15,800 | 21,900 | 9,100 | 15,800 | 21,900 |
| 29.5 | | 9,600 | 15,300 | 20,500 | 25,500 | 27,200 | 27,200 | 7,200 | 18,400 | 25,200 | 7,200 | 18,400 | 25,200 | 7,200 | 18,400 | 25,200 |
| 110' (33.53 m) | 14.0 | 7,800 | 12,900 | 17,500 | 22,000 | 23,400 | 23,400 | 5,600 | 15,500 | 21,700 | 5,600 | 15,500 | 21,700 | 5,600 | 15,500 | 21,700 |
| | 80.0 | 97,200 | 129,000* | 139,600* | 139,600* | 139,600* | 84,500 | 139,600* | 139,600* | 84,500 | 139,600* | 139,600* | 84,500 | 139,600* | 139,600* | |
| | 78.4 | 77,000 | 107,300 | 124,000* | 124,000* | 134,000* | 66,100 | 124,000* | 134,000* | 66,100 | 124,000* | 134,000* | 66,100 | 124,000* | 134,000* | |
| | 75.8 | 56,300 | 78,900 | 99,500 | 103,200* | 113,700* | 47,500 | 92,800 | 113,700* | 47,500 | 92,800 | 113,700* | 47,500 | 92,800 | 113,700* | |
| | 73.1 | 43,900 | 62,000 | 78,400 | 88,100* | 97,200* | 36,700 | 72,600 | 95,000 | 36,700 | 72,600 | 95,000 | 36,700 | 72,600 | 95,000 | |
| | 70.3 | 35,500 | 50,600 | 64,400 | 76,500* | 82,300 | 29,400 | 59,400 | 77,900 | 29,400 | 59,400 | 77,900 | 29,400 | 59,400 | 77,900 | |
| | 64.7 | 25,100 | 36,500 | 46,700 | 56,800 | 60,200 | 20,500 | 42,900 | 56,700 | 20,500 | 42,900 | 56,700 | 20,500 | 42,900 | 56,700 | |
| | 58.8 | 18,900 | 27,900 | 36,200 | 44,300 | 46,900 | 15,100 | 32,900 | 44,100 | 15,100 | 32,900 | 44,100 | 15,100 | 32,900 | 44,100 | |
| | 52.4 | 14,700 | 22,300 | 29,100 | 35,900 | 38,100 | 11,500 | 21,700 | 29,500 | 11,500 | 21,700 | 29,500 | 11,500 | 21,700 | 29,500 | |
| | 45.5 | 11,700 | 18,200 | 24,000 | 29,800 | 31,800 | 8,900 | 18,200 | 25,000 | 8,900 | 18,200 | 25,000 | 8,900 | 18,200 | 25,000 | |
| 120' (36.58 m) | 80.0 | 9,400 | 15,200 | 20,300 | 25,300 | 27,000 | 7,000 | 15,400 | 21,600 | 7,000 | 15,400 | 21,600 | 7,000 | 15,400 | 21,600 | |
| | 77.7 | 7,700 | 12,700 | 17,300 | 21,800 | 23,300 | 5,500 | 13,200 | 18,700 | 5,500 | 13,200 | 18,700 | 5,500 | 13,200 | 18,700 | |
| | 75.8 | 6,200 | 10,800 | 14,900 | 19,000 | 20,300 | 4,200 | 11,300 | 15,500 | 4,200 | 11,300 | 15,500 | 4,200 | 11,300 | 15,500 | |
| | 80.0 | 84,300 | 117,100 | 126,700* | 126,700* | 126,700* | 72,600 | 126,700* | 126,700* | 72,600 | 126,700* | 126,700* | 72,600 | 126,700* | 126,700* | |
| | 79.4 | 76,900 | 107,200 | 123,500* | 123,500* | 125,100* | 66,100 | 123,500* | 125,100* | 66,100 | 123,500* | 125,100* | 66,100 | 123,500* | 125,100* | |
| | 77.0 | 56,200 | 78,800 | 99,300 | 102,700* | 113,300* | 47,400 | 98,900 | 113,300* | 47,400 | 98,900 | 113,300* | 47,400 | 98,900 | 113,300* | |
| | 74.5 | 43,800 | 61,900 | 78,200 | 87,700* | 96,800* | 36,600 | 72,500 | 94,800 | 36,600 | 72,500 | 94,800 | 36,600 | 72,500 | 94,800 | |
| | 72.0 | 35,400 | 50,400 | 64,200 | 76,100* | 82,100 | 29,300 | 59,200 | 77,700 | 29,300 | 59,200 | 77,700 | 29,300 | 59,200 | 77,700 | |
| | 66.9 | 24,900 | 36,300 | 46,500 | 56,600 | 60,000 | 20,300 | 42,700 | 56,500 | 20,300 | 42,700 | 56,500 | 20,300 | 42,700 | 56,500 | |
| | 61.6 | 18,700 | 27,700 | 36,000 | 44,100 | 46,600 | 14,900 | 32,700 | 43,900 | 14,900 | 32,700 | 43,900 | 14,900 | 32,700 | 43,900 | |
| 56.0 | 14,500 | 22,100 | 28,900 | 35,600 | 37,900 | 11,300 | 26,100 | 35,400 | 11,300 | 26,100 | 35,400 | 11,300 | 26,100 | 35,400 | | |
| 50.1 | 11,500 | 18,000 | 23,800 | 29,600 | 31,500 | 8,700 | 21,500 | 29,300 | 8,700 | 21,500 | 29,300 | 8,700 | 21,500 | 29,300 | | |

HC-238H Lift Crane Capacities - On Outriggers

| Boom Length (ft.) | Load Radius (ft.) | Boom Angle (degree) | Capacities (lbs.) - On Rear | | | | | | Capacities (lbs.) - On Outriggers | | | | | | |
|-------------------|-------------------|---------------------|-----------------------------|---------|----------|---------------------|-----------|-------------|-----------------------------------|---------|----------|---------------------|-----------|-------------|---------|
| | | | Over Rear | | | 360 Degree Rotation | | | Over Rear | | | 360 Degree Rotation | | | |
| | | | 0 + 0 | "A" + 0 | "AB" + 0 | "AB" + "A" | "ABC" + 0 | "ABC" + "A" | 0 + 0 | "A" + 0 | "AB" + 0 | "AB" + "A" | "ABC" + 0 | "ABC" + "A" | |
| 160' (48.77 m) | 70 | 65.2 | 13,600 | 21,200 | 27,900 | 34,700 | 36,900 | 43,700 | 10,400 | 16,200 | 25,100 | 27,100 | 34,400 | 36,400 | |
| | 80 | 61.2 | 10,500 | 17,100 | 22,800 | 28,600 | 30,500 | 36,300 | 7,800 | 14,500 | 20,600 | 22,300 | 28,300 | 30,000 | |
| | 90 | 57.0 | 8,300 | 14,000 | 19,200 | 24,000 | 25,700 | 30,800 | 5,800 | 11,700 | 17,000 | 18,500 | 23,800 | 25,300 | |
| | 100 | 52.7 | 6,500 | 11,600 | 16,200 | 20,700 | 22,200 | 26,500 | 4,300 | 9,500 | 14,300 | 15,600 | 20,400 | 21,800 | |
| | 110 | 48.0 | 5,100 | 9,600 | 13,800 | 17,800 | 19,200 | 23,100 | 3,100 | 7,800 | 12,000 | 13,300 | 17,600 | 18,800 | |
| | 120 | 43.0 | 3,900 | 8,000 | 11,800 | 15,500 | 16,700 | 20,400 | 2,100 | 6,400 | 10,200 | 11,300 | 15,300 | 16,400 | |
| | 130 | 37.4 | 2,900 | 6,700 | 10,200 | 13,600 | 14,700 | 18,100 | -- | 5,200 | 8,700 | 9,700 | 13,300 | 14,300 | |
| | 140 | 31.1 | 2,100 | 5,600 | 8,800 | 11,900 | 12,900 | 16,100 | -- | 4,200 | 7,400 | 8,400 | 11,700 | 12,600 | |
| | 150 | 23.2 | -- | 4,600 | 7,600 | 10,500 | 11,500 | 14,400 | -- | 3,300 | 6,300 | 7,200 | 10,300 | 11,200 | |
| | 160 | 11.0 | -- | 3,800 | 6,500 | 9,300 | 10,200 | 11,100* | -- | 2,600 | 5,400 | 6,200 | 9,100 | 9,900 | |
| | 170' (51.82 m) | 32 | 80.0 | 68,500 | 81,000* | 81,000* | 81,000* | 81,000* | 81,000* | 81,000* | 81,000* | 81,000* | 81,000* | 81,000* | 81,000* |
| | | 35 | 79.1 | 61,000 | 77,300 | 77,300 | 79,500* | 79,500* | 79,500* | 79,500* | 79,500* | 79,500* | 79,500* | 79,500* | 79,500* |
| | | 40 | 77.4 | 49,400 | 63,200 | 63,200 | 73,900* | 76,500* | 76,500* | 76,500* | 76,500* | 76,500* | 76,500* | 76,500* | 76,500* |
| | | 50 | 73.9 | 35,200 | 45,300 | 45,300 | 55,400 | 58,800 | 64,400* | 30,900 | 44,200 | 58,200 | 62,300 | 75,500* | 76,500* |
| | | 60 | 70.4 | 26,500 | 34,800 | 34,800 | 42,900 | 45,400 | 52,400* | 23,000 | 33,000 | 44,600 | 48,700 | 55,300 | 58,400 |
| | | 70 | 66.8 | 21,000 | 27,600 | 27,600 | 34,400 | 36,600 | 43,400 | 18,000 | 26,000 | 34,900 | 38,000 | 42,700 | 44,900 |
| 80 | | 63.0 | 16,800 | 22,500 | 22,500 | 28,300 | 30,200 | 36,000 | 14,300 | 20,300 | 26,900 | 29,100 | 34,100 | 36,200 | |
| 90 | | 59.2 | 13,700 | 18,900 | 18,900 | 23,700 | 25,400 | 30,500 | 11,500 | 16,800 | 22,100 | 24,000 | 28,000 | 29,800 | |
| 100 | | 55.2 | 11,300 | 15,900 | 15,900 | 20,400 | 21,900 | 26,200 | 9,300 | 13,500 | 18,300 | 20,000 | 23,500 | 25,000 | |
| 110 | | 51.0 | 9,400 | 13,500 | 13,500 | 17,600 | 18,900 | 22,800 | 7,500 | 11,800 | 15,900 | 17,300 | 21,500 | 23,000 | |
| 120 | | 46.5 | 7,800 | 11,500 | 11,500 | 15,200 | 16,500 | 20,100 | 6,100 | 10,000 | 13,900 | 15,100 | 19,000 | 20,500 | |
| 130 | | 41.6 | 6,500 | 9,900 | 9,900 | 13,300 | 14,400 | 17,800 | 4,900 | 8,500 | 11,900 | 13,000 | 17,300 | 18,500 | |
| 140 | | 36.3 | 5,300 | 8,500 | 8,500 | 11,600 | 12,700 | 15,800 | 3,900 | 7,200 | 10,000 | 11,400 | 15,000 | 16,100 | |
| 150 | | 30.1 | 4,400 | 7,300 | 7,300 | 10,200 | 11,200 | 14,100 | 3,000 | 6,100 | 8,500 | 9,800 | 13,400 | 14,400 | |
| 160 | | 22.5 | 3,500 | 6,300 | 6,300 | 9,000 | 9,800 | 12,600* | 2,300 | 5,100 | 7,000 | 8,000 | 10,900 | 11,900 | |
| 170 | | 10.7 | 2,800 | 5,400 | 5,400 | 7,900 | 8,800 | 9,500* | -- | 4,300 | 5,900 | 6,700 | 9,100 | 9,800 | |
| 180' (54.86 m) | 34 | 80.0 | 63,000 | 72,800* | 72,800* | 72,800* | 72,800* | 72,800* | 72,800* | 72,800* | 72,800* | 72,800* | 72,800* | 72,800* | |
| | 35 | 79.7 | 60,800 | 72,800* | 72,800* | 72,800* | 72,800* | 72,800* | 72,800* | 72,800* | 72,800* | 72,800* | 72,800* | 72,800* | |
| | 40 | 78.1 | 49,200 | 63,000 | 63,000 | 71,100* | 71,100* | 71,100* | 71,100* | 71,100* | 71,100* | 71,100* | 71,100* | 71,100* | |
| | 50 | 74.8 | 34,900 | 45,000 | 45,000 | 55,200 | 58,600 | 63,500* | 30,700 | 44,000 | 58,000 | 62,100 | 71,100* | 76,500* | |
| | 60 | 71.5 | 26,200 | 34,500 | 34,500 | 42,600 | 45,100 | 51,900* | 22,800 | 30,700 | 41,400 | 44,400 | 55,100 | 58,100 | |
| | 70 | 68.1 | 20,700 | 27,400 | 27,400 | 34,100 | 36,400 | 43,100 | 17,700 | 24,600 | 33,700 | 37,000 | 44,600 | 46,600 | |
| | 80 | 64.7 | 16,600 | 22,200 | 22,200 | 28,000 | 29,900 | 35,700 | 14,000 | 19,700 | 26,600 | 29,800 | 35,900 | 38,900 | |
| | 90 | 61.1 | 13,400 | 18,600 | 18,600 | 23,500 | 25,100 | 30,200 | 11,200 | 15,200 | 20,100 | 21,800 | 27,800 | 29,500 | |
| | 100 | 57.4 | 11,000 | 15,600 | 15,600 | 20,100 | 21,600 | 25,900 | 9,000 | 12,800 | 16,500 | 18,000 | 23,200 | 24,700 | |
| | 110 | 53.5 | 9,100 | 13,200 | 13,200 | 17,300 | 18,600 | 22,500 | 7,300 | 10,900 | 14,700 | 16,000 | 21,200 | 22,700 | |
| | 120 | 49.4 | 7,500 | 11,300 | 11,300 | 15,000 | 16,200 | 19,900 | 5,800 | 9,000 | 12,700 | 14,000 | 19,900 | 21,400 | |
| | 130 | 45.1 | 6,200 | 9,600 | 9,600 | 13,000 | 14,100 | 17,500 | 4,600 | 7,600 | 10,800 | 12,000 | 17,000 | 18,300 | |
| | 140 | 40.4 | 5,100 | 8,200 | 8,200 | 11,400 | 12,400 | 15,500 | 3,600 | 6,300 | 9,200 | 10,200 | 14,700 | 15,800 | |
| | 150 | 35.2 | 4,100 | 7,100 | 7,100 | 9,900 | 10,900 | 13,800 | 2,800 | 5,000 | 7,000 | 7,800 | 11,200 | 12,100 | |
| | 160 | 29.3 | 3,300 | 6,000 | 6,000 | 8,700 | 9,600 | 12,300 | -- | 4,800 | 6,700 | 7,500 | 10,600 | 11,500 | |
| | 170 | 21.9 | 2,500 | 5,100 | 5,100 | 7,700 | 8,500 | 10,800* | -- | 4,000 | 5,700 | 6,500 | 9,300 | 10,200 | |
| 180 | 10.4 | -- | 4,300 | 4,300 | 6,700 | 7,500 | 8,100* | -- | 3,300 | 4,800 | 5,500 | 8,200 | 8,900 | | |
| 190' (57.91 m) | 36 | 80.0 | 58,000 | 63,300* | 63,300* | 63,300* | 63,300* | 63,300* | 63,300* | 63,300* | 63,300* | 63,300* | 63,300* | 63,300* | |
| | 40 | 78.8 | 48,900 | 62,500* | 62,500* | 62,500* | 62,500* | 62,500* | 62,500* | 62,500* | 62,500* | 62,500* | 62,500* | 62,500* | |
| | 50 | 75.7 | 34,700 | 44,800 | 44,800 | 54,900 | 58,300 | 59,200* | 30,400 | 43,000 | 57,800 | 61,900 | 75,500* | 76,500* | |
| | 60 | 72.5 | 26,000 | 34,300 | 34,300 | 42,400 | 44,800 | 51,400* | 22,500 | 31,000 | 42,200 | 46,300 | 54,800 | 57,900 | |
| | 70 | 69.3 | 20,400 | 27,100 | 27,100 | 33,800 | 36,100 | 42,900 | 17,500 | 24,300 | 33,500 | 37,600 | 44,600 | 47,700 | |
| | 80 | 66.1 | 16,300 | 22,200 | 22,200 | 29,700 | 31,500 | 38,500 | 13,700 | 19,800 | 27,500 | 31,600 | 38,600 | 41,700 | |
| | 90 | 62.7 | 13,200 | 18,300 | 18,300 | 23,200 | 24,900 | 29,900 | 10,900 | 16,200 | 22,900 | 27,000 | 33,600 | 36,700 | |
| | 100 | 59.3 | 10,700 | 15,300 | 15,300 | 19,900 | 21,400 | 25,600 | 8,700 | 13,400 | 19,600 | 22,900 | 29,200 | 32,300 | |
| | 110 | 55.7 | 8,600 | 12,900 | 12,900 | 17,000 | 18,300 | 22,400 | 7,000 | 11,200 | 16,800 | 19,600 | 25,000 | 28,100 | |

HC-238H Lift Crane Capacities - On Outriggers

| Boom Length (ft.) | Load Radius (ft.) | Boom Angle (degree) | Capacities (lbs.) - On Outriggers Over Rear | | | | | | Capacities (lbs.) - On Outriggers 360 Degree Rotation | | | | | | | | | |
|-------------------|-------------------|---------------------|---------------------------------------------|---------|------------|---------|-------------|---------|-------------------------------------------------------|---------|------------|---------|-------------|---------|---------|---------|---------|---------|
| | | | "A" + 0 | | "AB" + "A" | | "ABC" + "A" | | "A" + 0 | | "AB" + "A" | | "ABC" + "A" | | | | | |
| | | | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | | | | |
| 190' (57.91 m) | 120 | 52.0 | 7,200 | 11,000 | 14,700 | 15,900 | 19,600 | 5,600 | 9,400 | 10,500 | 14,400 | 15,500 | 14,400 | 10,500 | 8,900 | 12,500 | 15,500 | |
| | 130 | 48.0 | 5,900 | 9,300 | 12,700 | 13,900 | 17,200 | 4,400 | 7,900 | 8,900 | 12,500 | 13,500 | 12,500 | 8,900 | 7,900 | 10,900 | 13,500 | |
| | 140 | 43.8 | 4,800 | 8,000 | 11,100 | 12,100 | 15,200 | 3,400 | 6,600 | 6,400 | 10,900 | 11,800 | 10,900 | 6,400 | 6,600 | 9,500 | 11,800 | |
| | 150 | 39.3 | 3,800 | 6,800 | 9,700 | 10,600 | 13,500 | 2,500 | 5,500 | 5,400 | 9,500 | 10,300 | 9,500 | 5,400 | 5,500 | 8,300 | 10,300 | |
| | 160 | 34.3 | 3,000 | 5,700 | 8,400 | 9,300 | 12,000 | -- | 4,600 | 4,600 | 8,300 | 9,100 | 8,300 | 4,600 | 4,600 | 7,200 | 9,100 | |
| | 170 | 28.5 | 2,200 | 4,800 | 7,400 | 8,200 | 10,600* | -- | 3,700 | 3,700 | 7,200 | 7,900 | 7,200 | 3,700 | 3,700 | 6,300 | 7,900 | |
| | 180 | 21.3 | -- | 4,000 | 6,400 | 7,200 | 9,200* | -- | 3,000 | 3,000 | 6,300 | 7,000 | 6,300 | 3,000 | 3,000 | 5,400 | 7,000 | |
| | 190 | 10.1 | -- | 3,300 | 5,600 | 6,300 | 8,200* | -- | 2,300 | 2,300 | 5,400 | 6,100 | 5,400 | 2,300 | 2,300 | 4,700 | 6,100 | |
| | 200' (60.96 m) | 38 | 80.0 | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* |
| | | 40 | 79.3 | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* | 56,000* |
| 50 | | 76.4 | 44,500 | 44,500 | 44,500 | 44,500 | 44,500 | 44,500 | 44,500 | 44,500 | 44,500 | 44,500 | 44,500 | 44,500 | 44,500 | 44,500 | 44,500 | |
| 60 | | 73.4 | 34,000 | 34,000 | 34,000 | 34,000 | 34,000 | 34,000 | 34,000 | 34,000 | 34,000 | 34,000 | 34,000 | 34,000 | 34,000 | 34,000 | 34,000 | |
| 70 | | 70.4 | 26,800 | 26,800 | 26,800 | 26,800 | 26,800 | 26,800 | 26,800 | 26,800 | 26,800 | 26,800 | 26,800 | 26,800 | 26,800 | 26,800 | 26,800 | |
| 80 | | 67.3 | 21,900 | 21,900 | 21,900 | 21,900 | 21,900 | 21,900 | 21,900 | 21,900 | 21,900 | 21,900 | 21,900 | 21,900 | 21,900 | 21,900 | 21,900 | |
| 90 | | 64.2 | 18,100 | 18,100 | 18,100 | 18,100 | 18,100 | 18,100 | 18,100 | 18,100 | 18,100 | 18,100 | 18,100 | 18,100 | 18,100 | 18,100 | 18,100 | |
| 100 | | 61.0 | 15,100 | 15,100 | 15,100 | 15,100 | 15,100 | 15,100 | 15,100 | 15,100 | 15,100 | 15,100 | 15,100 | 15,100 | 15,100 | 15,100 | 15,100 | |
| 110 | | 57.6 | 12,700 | 12,700 | 12,700 | 12,700 | 12,700 | 12,700 | 12,700 | 12,700 | 12,700 | 12,700 | 12,700 | 12,700 | 12,700 | 12,700 | 12,700 | |
| 120 | | 54.2 | 10,700 | 10,700 | 10,700 | 10,700 | 10,700 | 10,700 | 10,700 | 10,700 | 10,700 | 10,700 | 10,700 | 10,700 | 10,700 | 10,700 | 10,700 | |
| 210' (64.01 m) | 39 | 80.0 | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | |
| | 40 | 79.8 | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | 49,500* | |
| | 50 | 77.1 | 44,600 | 44,600 | 44,600 | 44,600 | 44,600 | 44,600 | 44,600 | 44,600 | 44,600 | 44,600 | 44,600 | 44,600 | 44,600 | 44,600 | 44,600 | |
| | 60 | 74.2 | 33,700 | 33,700 | 33,700 | 33,700 | 33,700 | 33,700 | 33,700 | 33,700 | 33,700 | 33,700 | 33,700 | 33,700 | 33,700 | 33,700 | 33,700 | |
| | 70 | 71.4 | 26,500 | 26,500 | 26,500 | 26,500 | 26,500 | 26,500 | 26,500 | 26,500 | 26,500 | 26,500 | 26,500 | 26,500 | 26,500 | 26,500 | 26,500 | |
| | 80 | 68.5 | 21,700 | 21,700 | 21,700 | 21,700 | 21,700 | 21,700 | 21,700 | 21,700 | 21,700 | 21,700 | 21,700 | 21,700 | 21,700 | 21,700 | 21,700 | |
| | 90 | 65.5 | 17,800 | 17,800 | 17,800 | 17,800 | 17,800 | 17,800 | 17,800 | 17,800 | 17,800 | 17,800 | 17,800 | 17,800 | 17,800 | 17,800 | 17,800 | |
| | 100 | 62.5 | 14,800 | 14,800 | 14,800 | 14,800 | 14,800 | 14,800 | 14,800 | 14,800 | 14,800 | 14,800 | 14,800 | 14,800 | 14,800 | 14,800 | 14,800 | |
| | 110 | 59.4 | 12,400 | 12,400 | 12,400 | 12,400 | 12,400 | 12,400 | 12,400 | 12,400 | 12,400 | 12,400 | 12,400 | 12,400 | 12,400 | 12,400 | 12,400 | |
| | 120 | 56.1 | 10,400 | 10,400 | 10,400 | 10,400 | 10,400 | 10,400 | 10,400 | 10,400 | 10,400 | 10,400 | 10,400 | 10,400 | 10,400 | 10,400 | 10,400 | |
| 220' (67.06 m) | 41 | 80.0 | 43,500* | 43,500* | 43,500* | 43,500* | 43,500* | 43,500* | 43,500* | 43,500* | 43,500* | 43,500* | 43,500* | 43,500* | 43,500* | 43,500* | 43,500* | |
| | 50 | 77.7 | 41,400* | 41,400* | 41,400* | 41,400* | 41,400* | 41,400* | 41,400* | 41,400* | 41,400* | 41,400* | 41,400* | 41,400* | 41,400* | 41,400* | 41,400* | |
| | 60 | 75.0 | 33,500 | 33,500 | 33,500 | 33,500 | 33,500 | 33,500 | 33,500 | 33,500 | 33,500 | 33,500 | 33,500 | 33,500 | 33,500 | 33,500 | 33,500 | |
| | 70 | 72.3 | 26,200 | 26,200 | 26,200 | 26,200 | 26,200 | 26,200 | 26,200 | 26,200 | 26,200 | 26,200 | 26,200 | 26,200 | 26,200 | 26,200 | 26,200 | |
| | 80 | 69.5 | 21,400 | 21,400 | 21,400 | 21,400 | 21,400 | 21,400 | 21,400 | 21,400 | 21,400 | 21,400 | 21,400 | 21,400 | 21,400 | 21,400 | 21,400 | |
| | 90 | 66.7 | 17,500 | 17,500 | 17,500 | 17,500 | 17,500 | 17,500 | 17,500 | 17,500 | 17,500 | 17,500 | 17,500 | 17,500 | 17,500 | 17,500 | 17,500 | |
| | 100 | 63.8 | 14,500 | 14,500 | 14,500 | 14,500 | 14,500 | 14,500 | 14,500 | 14,500 | 14,500 | 14,500 | 14,500 | 14,500 | 14,500 | 14,500 | 14,500 | |

HC-238H Lift Crane Capacities - On Outriggers

| Boom Length (ft.) | Load Radius (ft.) | Boom Angle (degree) | Capacities (lbs.) - On Outriggers Over Rear | | | | | Capacities (lbs.) - On Outriggers 360 Degree Rotation | | | | | |
|-------------------|-------------------|---------------------|---------------------------------------------|---------|----------|------------|-----------|-------------------------------------------------------|---------|----------|------------|-----------|-------------|
| | | | 0 + 0 | "A" + 0 | "AB" + 0 | "AB" + "A" | "ABC" + 0 | "ABC" + "A" | "A" + 0 | "AB" + 0 | "AB" + "A" | "ABC" + 0 | "ABC" + "A" |
| | | | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. | ctwt. |
| 220' (67.06 m) | 110 | 60.9 | ← | ← | 12,100 | 16,100 | 17,500 | 19,800* | ← | 10,400 | 11,600 | 15,900 | 17,100 |
| | 120 | 57.9 | ← | ← | 10,100 | 13,800 | 15,000 | 17,200* | ← | 8,500 | 9,600 | 13,600 | 14,700 |
| | 130 | 54.7 | ← | ← | 8,500 | 11,800 | 13,000 | 15,100* | ← | 7,000 | 8,000 | 11,600 | 12,700 |
| | 140 | 51.5 | ← | ← | 7,100 | 10,200 | 11,200 | 13,100* | ← | 5,700 | 6,700 | 10,000 | 10,900 |
| | 150 | 48.1 | ← | ← | 5,900 | 8,800 | 9,700 | 11,400* | ← | 4,600 | 5,500 | 8,600 | 9,500 |
| | 160 | 44.5 | ← | ← | 4,900 | 7,600 | 8,500 | 9,800* | ← | 3,700 | 4,500 | 7,400 | 8,200 |
| | 170 | 40.6 | ← | ← | 3,900 | 6,500 | 7,300 | 8,400* | ← | 2,900 | 3,600 | 6,300 | 7,100 |
| | 180 | 36.4 | ← | ← | 3,200 | 5,500 | 6,300 | 7,200* | ← | 2,100 | 2,800 | 5,400 | 6,100 |
| | 190 | 31.8 | ← | ← | 2,400 | 4,700 | 5,400 | 6,100* | ← | 1,500 | 2,100 | 4,500 | 5,200 |
| | 200 | 26.4 | ← | ← | 1,700 | 3,900 | 4,700 | 5,100* | ← | 1,000 | 1,500 | 3,800 | 4,400 |
| 210 | 19.8 | ← | ← | 1,200 | 3,300 | 3,900 | 4,200* | ← | 700 | 1,000 | 3,100 | 3,700 | |
| 220 | 9.4 | ← | ← | 800 | 2,700 | 3,300* | 3,300* | ← | 500 | 700 | 2,500 | 3,100 | |
| 230' (70.10 m) | 43 | 80.0 | ← | ← | ← | 38,700* | 38,700* | 38,700* | ← | ← | 38,700* | 38,700* | 38,700* |
| | 50 | 78.2 | ← | ← | ← | 36,700* | 36,700* | 36,700* | ← | ← | 36,700* | 36,700* | 36,700* |
| | 60 | 75.6 | ← | ← | ← | 33,100* | 33,100* | 33,100* | ← | ← | 33,100* | 33,100* | 33,100* |
| | 70 | 73.1 | ← | ← | ← | 29,700* | 29,700* | 29,700* | ← | ← | 29,700* | 29,700* | 29,700* |
| | 80 | 70.4 | ← | ← | ← | 26,600 | 26,800* | 26,800* | ← | ← | 26,600 | 26,800* | 26,800* |
| | 90 | 67.8 | ← | ← | ← | 22,300 | 23,700 | 23,900* | ← | ← | 20,500 | 22,100 | 23,300 |
| | 100 | 65.0 | ← | ← | ← | 18,700 | 20,200 | 20,500* | ← | ← | 16,600 | 18,500 | 19,800 |
| | 110 | 62.3 | ← | ← | ← | 15,900 | 17,200 | 17,800* | ← | ← | 13,700 | 15,600 | 16,800 |
| | 120 | 59.4 | ← | ← | ← | 13,500 | 14,700 | 15,400* | ← | ← | 11,300 | 13,300 | 14,400 |
| | 130 | 56.5 | ← | ← | ← | 11,600 | 12,700 | 13,300* | ← | ← | 9,400 | 11,300 | 12,400 |
| 140 | 53.4 | ← | ← | ← | 9,900 | 10,900 | 11,500* | ← | ← | 7,700 | 9,700 | 10,600 | |
| 150 | 50.3 | ← | ← | ← | 8,500 | 9,400 | 9,800* | ← | ← | 6,400 | 8,300 | 9,200 | |
| 160 | 46.9 | ← | ← | ← | 7,300 | 8,200 | 8,400* | ← | ← | 5,200 | 7,100 | 7,900 | |
| 170 | 43.4 | ← | ← | ← | 6,200 | 7,000 | 7,100* | ← | ← | 4,200 | 6,000 | 6,800 | |
| 180 | 39.7 | ← | ← | ← | 5,200 | 6,000* | 6,000* | ← | ← | 3,300 | 5,100 | 5,800 | |
| 190 | 35.6 | ← | ← | ← | 4,400 | 4,900* | 4,900* | ← | ← | 2,500 | 4,200 | 4,900 | |
| 200 | 31.0 | ← | ← | ← | 3,600 | 4,000* | 4,000* | ← | ← | 2,000 | 3,500 | 4,000* | |
| 210 | 25.8 | ← | ← | ← | 3,000 | 3,100* | 3,100* | ← | ← | 1,500 | 2,800 | 3,100* | |
| 220 | 19.3 | ← | ← | ← | 2,400 | 2,400* | 2,400* | ← | ← | 1,000 | 2,200 | 2,400* | |
| 230 | 9.2 | ← | ← | ← | 1,500 | 1,500* | 1,500* | ← | ← | 500 | 1,500 | 1,500* | |
| 240' (73.15 m) | 45 | 80.0 | ← | ← | ← | 34,600* | 34,600* | 34,600* | ← | ← | 34,600* | 34,600* | 34,600* |
| | 50 | 78.7 | ← | ← | ← | 33,100* | 33,100* | 33,100* | ← | ← | 33,100* | 33,100* | 33,100* |
| | 60 | 76.2 | ← | ← | ← | 29,700* | 29,700* | 29,700* | ← | ← | 29,700* | 29,700* | 29,700* |
| | 70 | 73.8 | ← | ← | ← | 26,600* | 26,600* | 26,600* | ← | ← | 26,600* | 26,600* | 26,600* |
| | 80 | 71.3 | ← | ← | ← | 23,700* | 23,700* | 23,700* | ← | ← | 23,700* | 23,700* | 23,700* |
| | 90 | 68.7 | ← | ← | ← | 20,800* | 20,800* | 20,800* | ← | ← | 20,800* | 20,800* | 20,800* |
| | 100 | 66.1 | ← | ← | ← | 18,400 | 18,500* | 18,500* | ← | ← | 18,400 | 18,500* | 18,500* |
| | 110 | 63.5 | ← | ← | ← | 15,600 | 15,900* | 15,900* | ← | ← | 15,600 | 15,900* | 15,900* |
| | 120 | 60.8 | ← | ← | ← | 13,200 | 13,600* | 13,600* | ← | ← | 13,200 | 13,600* | 13,600* |
| | 130 | 58.0 | ← | ← | ← | 11,300 | 11,700* | 11,700* | ← | ← | 11,300 | 11,700* | 11,700* |
| 140 | 55.2 | ← | ← | ← | 9,600 | 10,000* | 10,000* | ← | ← | 9,600 | 10,000* | 10,000* | |
| 150 | 52.2 | ← | ← | ← | 8,200 | 8,400* | 8,400* | ← | ← | 8,200 | 8,400* | 8,400* | |
| 160 | 49.1 | ← | ← | ← | 7,000 | 7,100* | 7,100* | ← | ← | 7,000 | 7,100* | 7,100* | |
| 170 | 45.9 | ← | ← | ← | 5,800* | 5,800* | 5,800* | ← | ← | 5,800* | 5,800* | 5,800* | |
| 180 | 42.5 | ← | ← | ← | 4,800* | 4,800* | 4,800* | ← | ← | 4,800* | 4,800* | 4,800* | |
| 190 | 38.8 | ← | ← | ← | 3,800* | 3,800* | 3,800* | ← | ← | 3,800* | 3,800* | 3,800* | |
| 200 | 34.8 | ← | ← | ← | 2,900* | 2,900* | 2,900* | ← | ← | 2,900* | 2,900* | 2,900* | |
| 210 | 30.4 | ← | ← | ← | 2,100* | 2,100* | 2,100* | ← | ← | 2,100* | 2,100* | 2,100* | |

HC-238H Pick & Carry Capacities

| Boom Length (ft.) | Load Radius (ft.) | Boom Angle (degree) | Capacities (lbs.) - On Tires - 1 mph | | | | | |
|-------------------|-------------------|---------------------|--------------------------------------|------------------|-------------------|---------------------|--------------------|----------------------|
| | | | Over Rear | | | | | |
| | | | 0 + 0 ctwt. | "A" + 0 ctwt. | "AB" + 0 ctwt. | "AB" + "A" ctwt. | "ABC" + 0 ctwt. | "ABC" + "A" ctwt. |
| 50' (15.24 m) | 12 | 79.6 | 68,900 | 104,100 | 107,700* | 111,000* | 104,000* | ↑ |
| | 13 | 78.4 | 61,100 | 92,400 | 104,000* | 107,200* | 100,400* | |
| | 14 | 77.2 | 54,800 | 83,100 | 100,600* | 103,700* | 97,100* | |
| | 15 | 76.1 | 49,500 | 75,400 | 97,400* | 100,400* | 94,000* | |
| | 16 | 74.9 | 45,100 | 68,900 | 91,000 | 97,200* | 91,000* | |
| | 17 | 73.7 | 41,500 | 63,500 | 83,900 | 94,300* | 88,300* | |
| | 18 | 72.5 | 38,300 | 58,700 | 77,700 | 91,500* | 85,700* | |
| | 19 | 71.3 | 35,500 | 54,600 | 72,400 | 88,900* | 83,200* | |
| | 20 | 70.1 | 33,100 | 51,000 | 67,700 | 85,600 | 80,900* | |
| | 25 | 63.8 | 24,300 | 38,000 | 50,800 | 64,600 | 67,200 | |
| | 30 | 57.3 | 18,900 | 29,900 | 40,300 | 51,400 | 53,600 | |
| | 35 | 50.1 | 15,100 | 24,400 | 33,200 | 42,500 | 44,300 | |
| 40 | 42.2 | 12,400 | 20,500 | 27,900 | 36,000 | 37,600 | | |
| 50 | 19.8 | 8,600 | 15,000 | 20,900 | 27,200 | 28,400 | | |
| 60' (18.29 m) | 13 | 80.0 | 58,800 | 89,000 | 102,200* | 105,400* | 98,700* | ↑ |
| | 14 | 79.4 | 55,000 | 83,300 | 100,100* | 103,200* | 96,600* | |
| | 15 | 78.4 | 49,700 | 75,500 | 96,900* | 99,900* | 93,500* | |
| | 16 | 77.4 | 45,300 | 69,000 | 91,100 | 96,800* | 90,600* | |
| | 17 | 76.5 | 41,700 | 63,600 | 84,000 | 93,800* | 87,900* | |
| | 18 | 75.5 | 38,400 | 58,800 | 77,800 | 91,000* | 85,300* | |
| | 19 | 74.5 | 35,600 | 54,700 | 72,500 | 88,500* | 82,800* | |
| | 20 | 73.5 | 33,200 | 51,100 | 67,700 | 85,700 | 80,500* | |
| | 25 | 68.4 | 24,300 | 38,100 | 50,800 | 64,600 | 67,300 | |
| | 30 | 63.2 | 18,900 | 30,000 | 40,400 | 51,500 | 53,600 | |
| | 35 | 57.7 | 15,200 | 24,500 | 33,200 | 42,600 | 44,400 | |
| | 40 | 51.9 | 12,400 | 20,500 | 28,000 | 36,100 | 37,600 | |
| 50 | 38.4 | 8,700 | 15,100 | 21,000 | 27,300 | 28,500 | | |
| 60 | 18.1 | 6,300 | 11,500 | 16,300 | 21,600 | 22,500 | | |
| 70' (21.34 m) | 15 | 80.0 | 50,000 | 75,600 | 96,300* | 99,300* | 92,900* | N/A |
| | 16 | 79.3 | 46,000 | 69,800 | 91,800 | 96,500* | 90,300* | |
| | 17 | 78.4 | 42,300 | 64,300 | 84,700 | 93,600* | 87,700* | |
| | 18 | 77.6 | 39,100 | 59,500 | 78,400 | 90,800* | 85,100* | |
| | 19 | 76.7 | 36,200 | 55,300 | 73,000 | 88,300* | 82,600* | |
| | 20 | 75.9 | 33,700 | 51,600 | 68,300 | 85,800* | 80,300* | |
| | 25 | 71.6 | 24,700 | 38,500 | 51,200 | 65,000 | 67,600 | |
| | 30 | 67.3 | 19,300 | 30,300 | 40,700 | 51,800 | 53,900 | |
| | 35 | 62.8 | 15,400 | 24,700 | 33,500 | 42,800 | 44,600 | |
| | 40 | 58.0 | 12,700 | 20,800 | 28,200 | 36,300 | 37,800 | |
| | 50 | 47.8 | 8,900 | 15,200 | 21,200 | 27,400 | 28,600 | |
| | 60 | 35.4 | 6,400 | 11,700 | 16,500 | 21,700 | 22,700 | |
| 70 | 16.7 | 4,600 | 9,100 | 13,200 | 17,600 | 18,500 | | |
| 80' (24.38 m) | 17 | 80.0 | 42,800 | 65,000 | 85,700 | 93,500* | 87,500* | ↓ |
| | 17 | 79.9 | 42,300 | 64,200 | 84,600 | 93,000* | 87,100* | |
| | 18 | 79.2 | 39,000 | 59,400 | 78,400 | 90,300* | 84,500* | |
| | 19 | 78.4 | 36,200 | 55,200 | 72,900 | 87,800* | 82,100* | |
| | 20 | 77.7 | 33,700 | 51,500 | 68,200 | 85,300* | 79,700* | |
| | 25 | 74.0 | 24,600 | 38,400 | 51,100 | 64,900 | 67,500 | |
| | 30 | 70.2 | 19,200 | 30,200 | 40,600 | 51,600 | 53,800 | |
| | 35 | 66.4 | 15,300 | 24,600 | 33,300 | 42,700 | 44,500 | |
| | 40 | 62.4 | 12,600 | 20,700 | 28,100 | 36,200 | 37,700 | |
| | 50 | 54.0 | 8,800 | 15,100 | 21,000 | 27,300 | 28,500 | |
| | 60 | 44.5 | 6,400 | 11,600 | 16,400 | 21,600 | 22,500 | |
| | 70 | 33.1 | 4,600 | 9,000 | 13,200 | 17,600 | 18,400 | |
| 80 | 15.6 | 3,300 | 7,100 | 10,700 | 14,600 | 15,300 | | |
| 90' (27.43 m) | 19 | 80.0 | 37,200 | 56,800 | 75,000 | 88,300* | 82,500* | ↓ |
| | 19 | 79.7 | 36,100 | 55,100 | 72,800 | 87,200* | 81,500* | |
| | 20 | 79.1 | 33,500 | 51,400 | 68,000 | 84,800* | 79,200* | |
| | 25 | 75.8 | 24,500 | 38,300 | 51,000 | 64,700 | 67,400 | |
| | 30 | 72.5 | 19,000 | 30,000 | 40,400 | 51,500 | 53,600 | |
| | 35 | 69.1 | 15,200 | 24,400 | 33,200 | 42,600 | 44,300 | |
| | 40 | 65.7 | 12,400 | 20,500 | 27,900 | 36,000 | 37,500 | |
| | 50 | 58.5 | 8,600 | 15,000 | 20,900 | 27,100 | 28,300 | |
| | 60 | 50.7 | 6,200 | 11,400 | 16,300 | 21,500 | 22,500 | |
| 70 | 41.8 | 4,500 | 8,900 | 13,000 | 17,500 | 18,300 | | |
| 80 | 31.1 | 3,200 | 7,000 | 10,600 | 14,500 | 15,200 | | |
| 90 | 14.7 | 2,200 | 5,600 | 8,700 | 12,100 | 12,800 | | |
| 100' (30.48 m) | 20 | 80.0 | 32,700 | 50,200 | 66,600 | 83,400* | 77,900* | 80,500* |
| | 25 | 77.3 | 24,300 | 38,100 | 50,800 | 64,600 | 67,200 | 71,000* |
| | 30 | 74.3 | 18,900 | 29,900 | 40,300 | 51,300 | 53,400 | 63,000* |
| | 35 | 71.3 | 15,000 | 24,300 | 33,000 | 42,400 | 44,200 | 53,400 |
| 40 | 68.3 | 12,200 | 20,300 | 27,700 | 35,800 | 37,400 | 45,300 | |

HC-238H Pick & Carry Capacities

| Boom Length (ft.) | Load Radius (ft.) | Boom Angle (degree) | Capacities (lbs.) - On Tires - 1 mph | | | | | |
|----------------------|----------------------|------------------------|--------------------------------------|------------------|-------------------|---------------------|--------------------|----------------------|
| | | | Over Rear | | | | | |
| | | | 0 + 0 ctwt. | "A" + 0 ctwt. | "AB" + 0 ctwt. | "AB" + "A" ctwt. | "ABC" + 0 ctwt. | "ABC" + "A" ctwt. |
| 100' (30.48 m) | 50 | 61.9 | 8,500 | 14,800 | 20,700 | 26,900 | 28,100 | 34,500 |
| | 60 | 55.2 | 6,000 | 11,200 | 16,100 | 21,300 | 22,300 | 27,400 |
| | 70 | 47.9 | 4,300 | 8,700 | 12,900 | 17,300 | 18,100 | 22,500 |
| | 80 | 39.6 | 3,000 | 6,900 | 10,500 | 14,300 | 15,000 | 18,900 |
| | 90 | 29.5 | 2,000 | 5,400 | 8,600 | 12,000 | 12,700 | 16,100 |
| | 100 | 14.0 | -- | 4,300 | 7,100 | 10,100 | 10,700 | 13,800 |
| 110' (33.53 m) | 22 | 80.0 | ↑ | 44,900 | 59,600 | 75,400 | 73,700* | 76,200* |
| | 25 | 78.4 | | 37,900 | 50,600 | 64,400 | 67,000 | 70,400* |
| | 30 | 75.8 | | 29,700 | 40,100 | 51,100 | 53,200 | 62,500* |
| | 35 | 73.1 | | 24,000 | 32,800 | 42,200 | 44,000 | 53,200 |
| | 40 | 70.3 | | 20,100 | 27,500 | 35,600 | 37,100 | 45,100 |
| | 50 | 64.7 | | 14,600 | 20,500 | 26,700 | 27,900 | 34,300 |
| | 60 | 58.8 | | 11,000 | 15,900 | 21,100 | 22,100 | 27,200 |
| | 70 | 52.4 | | 8,500 | 12,700 | 17,100 | 17,900 | 22,400 |
| | 80 | 45.5 | | 6,700 | 10,300 | 14,100 | 14,800 | 18,700 |
| | 90 | 37.7 | | 5,200 | 8,400 | 11,800 | 12,500 | 15,900 |
| | 100 | 28.1 | | 4,100 | 6,900 | 10,000 | 10,600 | 13,600 |
| 110 | 13.3 | 3,100 | 5,700 | 8,500 | 9,000 | 11,800 | | |
| 120' (36.58 m) | 24 | 80.0 | ↑ | 40,300 | 53,800 | 68,200 | 69,700* | 72,100* |
| | 25 | 79.4 | | 37,700 | 50,400 | 64,200 | 66,800 | 69,900* |
| | 30 | 77.0 | | 29,500 | 39,900 | 50,800 | 53,000 | 61,900* |
| | 35 | 74.5 | | 23,800 | 32,600 | 41,900 | 43,700 | 52,900 |
| | 40 | 72.0 | | 19,900 | 27,300 | 35,400 | 36,900 | 45,000 |
| | 50 | 66.9 | | 14,400 | 20,300 | 26,500 | 27,700 | 34,000 |
| | 60 | 61.6 | | 10,800 | 15,700 | 20,900 | 21,900 | 26,900 |
| | 70 | 56.0 | | 8,300 | 12,400 | 16,900 | 17,700 | 22,100 |
| | 80 | 50.1 | | 6,500 | 10,000 | 13,900 | 14,600 | 18,500 |
| | 90 | 43.5 | | 5,000 | 8,200 | 11,600 | 12,300 | 15,700 |
| | 100 | 36.0 | | 3,900 | 6,700 | 9,800 | 10,400 | 13,400 |
| | 110 | 26.9 | | 3,000 | 5,500 | 8,300 | 8,800 | 11,600 |
| 120 | 12.7 | 2,200 | 4,500 | 7,000 | 7,500 | 10,100 | | |
| 130' (39.62 m) | 26 | 80.0 | N/A | 36,500 | 48,800 | 62,200 | 64,800 | 68,400* |
| | 30 | 78.0 | | 29,200 | 39,600 | 50,600 | 52,700 | 61,400* |
| | 35 | 75.7 | | 23,600 | 32,300 | 41,700 | 43,500 | 52,700 |
| | 40 | 73.4 | | 19,700 | 27,000 | 35,100 | 36,700 | 44,800 |
| | 50 | 68.8 | | 14,200 | 20,100 | 26,200 | 27,400 | 33,800 |
| | 60 | 64.0 | | 10,600 | 15,400 | 20,700 | 21,700 | 26,700 |
| | 70 | 59.0 | | 8,100 | 12,200 | 16,600 | 17,500 | 21,900 |
| | 80 | 53.7 | | 6,200 | 9,800 | 13,700 | 14,400 | 18,200 |
| | 90 | 48.0 | | 4,800 | 8,000 | 11,400 | 12,000 | 15,400 |
| | 100 | 41.7 | | 3,700 | 6,500 | 9,600 | 10,100 | 13,200 |
| | 110 | 34.6 | | 2,700 | 5,300 | 8,100 | 8,600 | 11,400 |
| | 120 | 25.8 | | 2,000 | 4,300 | 6,800 | 7,300 | 9,900 |
| 130 | 12.2 | -- | 3,500 | 5,800 | 8,200 | 8,600 | | |
| 140' (42.67 m) | 27 | 80.0 | ↑ | 44,700 | 57,000 | 71,300 | 73,300* | 75,300* |
| | 30 | 78.9 | | 39,400 | 50,400 | 64,400 | 67,000 | 70,400* |
| | 35 | 76.8 | | 32,100 | 41,500 | 53,300 | 56,000 | 60,000 |
| | 40 | 74.7 | | 26,800 | 34,900 | 44,500 | 46,500 | 50,500 |
| | 50 | 70.4 | | 19,800 | 26,000 | 33,500 | 35,000 | 39,000 |
| | 60 | 66.0 | | 15,200 | 20,400 | 27,200 | 28,400 | 32,400 |
| | 70 | 61.4 | | 12,000 | 16,400 | 21,400 | 22,400 | 26,400 |
| | 80 | 56.6 | | 9,600 | 13,400 | 17,400 | 18,200 | 22,000 |
| | 90 | 51.6 | | 7,700 | 11,100 | 14,400 | 15,000 | 18,600 |
| | 100 | 46.1 | | 6,300 | 9,300 | 12,000 | 12,600 | 15,800 |
| | 110 | 40.1 | | 5,100 | 7,800 | 10,000 | 10,600 | 13,400 |
| | 120 | 33.3 | | 4,100 | 6,600 | 8,600 | 9,100 | 11,600 |
| 130 | 24.8 | 3,300 | 5,600 | 7,600 | 8,100 | 10,100 | | |
| 140 | 11.8 | 2,500 | 4,700 | 6,700 | 7,200 | 9,200 | | |
| 150' (45.72 m) | 29 | 80.0 | ↑ | 41,000 | 52,400 | 65,800 | 68,000* | 70,200* |
| | 30 | 79.6 | | 39,200 | 50,100 | 63,500 | 65,700* | 67,900* |
| | 35 | 77.7 | | 31,900 | 41,200 | 52,600 | 54,800* | 57,000* |
| | 40 | 75.7 | | 26,600 | 34,600 | 44,000 | 46,200* | 48,400* |
| | 50 | 71.7 | | 19,600 | 25,700 | 33,000 | 34,800* | 36,600* |
| | 60 | 67.6 | | 15,000 | 20,200 | 26,000 | 27,400* | 28,800* |
| | 70 | 63.4 | | 11,700 | 16,100 | 20,800 | 22,000* | 23,200* |
| | 80 | 59.1 | | 9,300 | 13,200 | 17,000 | 18,000* | 19,000* |
| | 90 | 54.5 | | 7,500 | 10,900 | 14,000 | 14,800* | 15,600* |
| | 100 | 49.7 | | 6,000 | 9,100 | 11,700 | 12,400* | 13,100* |
| | 110 | 44.5 | | 4,800 | 7,600 | 9,800 | 10,400* | 11,000* |
| | 120 | 38.7 | | 3,800 | 6,400 | 8,400 | 8,900* | 9,400* |

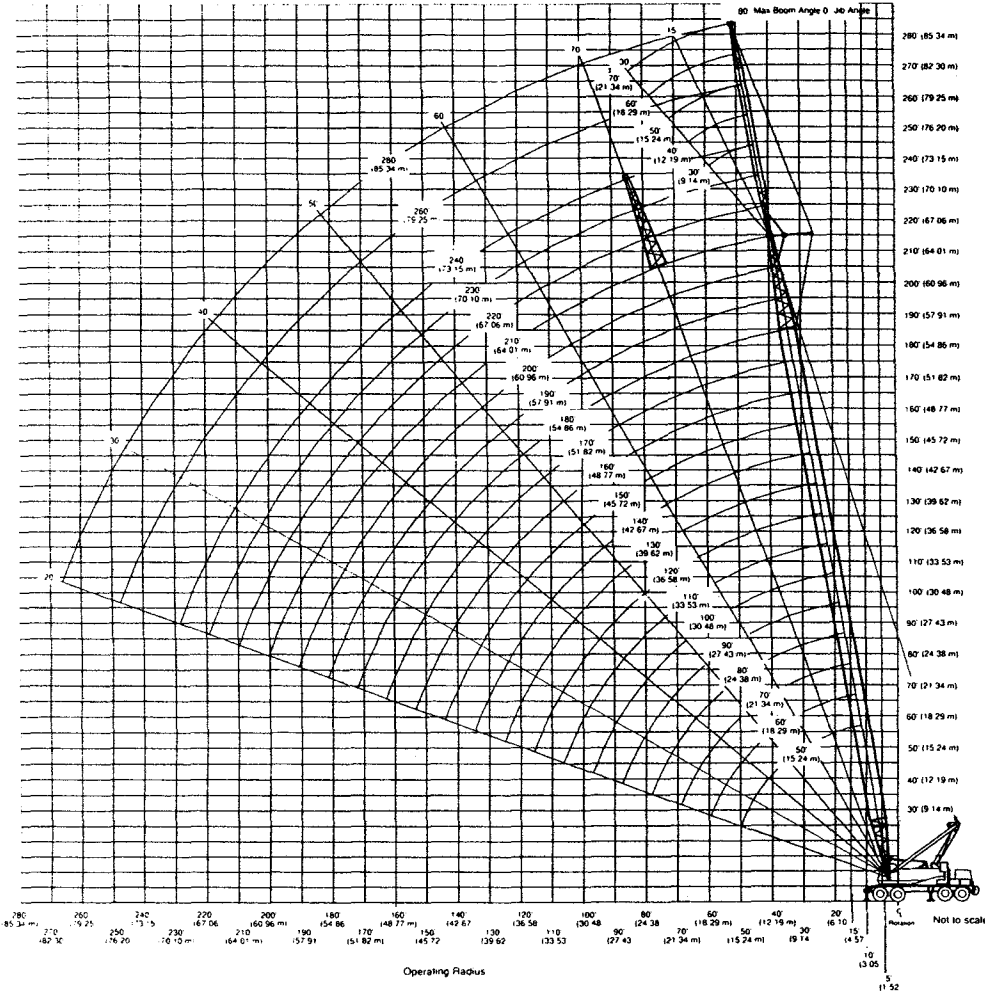
HC-238H Pick & Carry Capacities

| Boom Length (ft.) | Load Radius (ft.) | Boom Angle (degree) | Capacities (lbs.) - On Tires - 1 mph | | | | | |
|-------------------|-------------------|---------------------|--------------------------------------|---------------|----------------|------------------|-----------------|-------------------|
| | | | Over Rear | | | | | |
| | | | 0 + 0 ctwt. | "A" + 0 ctwt. | "AB" + 0 ctwt. | "AB" + "A" ctwt. | "ABC" + 0 ctwt. | "ABC" + "A" ctwt. |
| 150' (45.72 m) | 130 | 32.1 | | | 3,000 | 5,300 | 5,800 | 8,100 |
| | 140 | 24.0 | | | 2,300 | 4,500 | 4,900 | 7,000 |
| | 150 | 11.4 | | | -- | 3,700 | 4,100 | 6,100 |
| 160' (48.77 m) | 31 | 80.0 | | | 37,700 | 48,300 | 50,400 | 58,700* |
| | 35 | 78.4 | | | 31,600 | 41,000 | 42,800 | 51,900 |
| | 40 | 76.6 | | | 26,300 | 34,400 | 35,900 | 44,000 |
| | 50 | 72.9 | | | 19,300 | 25,500 | 26,700 | 33,000 |
| | 60 | 69.1 | | | 14,700 | 19,900 | 20,900 | 25,900 |
| | 70 | 65.2 | | | 11,500 | 15,900 | 16,700 | 21,200 |
| | 80 | 61.2 | | | 9,100 | 12,900 | 13,700 | 17,500 |
| | 90 | 57.0 | | | 7,200 | 10,600 | 11,300 | 14,700 |
| | 100 | 52.7 | | | 5,800 | 8,800 | 9,400 | 12,400 |
| | 110 | 48.0 | | | 4,600 | 7,300 | 7,900 | 10,600 |
| | 120 | 43.0 | | | 3,600 | 6,100 | 6,600 | 9,100 |
| | 130 | 37.4 | | | 2,800 | 5,100 | 5,500 | 7,900 |
| | 140 | 31.1 | | | 2,100 | 4,200 | 4,600 | 6,800 |
| 150 | 23.2 | | | -- | 3,400 | 3,800 | 5,800 | |
| 160 | 11.0 | | | -- | 2,800 | 3,100 | 5,000 | |
| 170' (51.82 m) | 32 | 80.0 | | | | 44,700 | 46,700 | 55,900* |
| | 35 | 79.1 | | | | 40,700 | 42,500 | 51,700 |
| | 40 | 77.4 | | | | 34,100 | 35,700 | 43,800 |
| | 50 | 73.9 | | | | 25,200 | 26,400 | 32,700 |
| | 60 | 70.4 | | | | 19,700 | 20,700 | 25,600 |
| | 70 | 66.8 | | | | 15,600 | 16,500 | 20,900 |
| | 80 | 63.0 | | | | 12,700 | 13,400 | 17,200 |
| | 90 | 59.2 | | | | 10,400 | 11,000 | 14,400 |
| | 100 | 55.2 | | | | 8,600 | 9,100 | 12,200 |
| | 110 | 51.0 | | | | 7,100 | 7,600 | 10,400 |
| | 120 | 46.5 | | | | 5,900 | 6,300 | 8,900 |
| | 130 | 41.6 | | | | 4,800 | 5,300 | 7,600 |
| | 140 | 36.3 | | | | 4,000 | 4,400 | 6,500 |
| 150 | 30.1 | | | | 3,200 | 3,600 | 5,600 | |
| 160 | 22.5 | | N/A | N/A | 2,500 | 2,900 | 4,800 | |
| 170 | 10.7 | | | | -- | 2,300 | 4,000 | |
| 180' (54.86 m) | 34 | 80.0 | | | | 41,700 | 43,600 | 52,900 |
| | 35 | 79.7 | | | | 40,500 | 42,300 | 51,400 |
| | 40 | 78.1 | | | | 33,900 | 35,400 | 43,500 |
| | 50 | 74.8 | | | | 24,900 | 26,100 | 32,500 |
| | 60 | 71.5 | | | | 19,400 | 20,400 | 25,400 |
| | 70 | 68.1 | | | | 15,400 | 16,200 | 20,600 |
| | 80 | 64.7 | | | | 12,400 | 13,100 | 17,000 |
| | 90 | 61.1 | | | | 10,100 | 10,800 | 14,200 |
| | 100 | 57.4 | | | N/A | 8,300 | 8,900 | 11,900 |
| | 110 | 53.5 | | | | 6,800 | 7,300 | 10,100 |
| | 120 | 49.4 | | | | 5,600 | 6,100 | 8,600 |
| | 130 | 45.1 | | | | 4,600 | 5,000 | 7,300 |
| | 140 | 40.4 | | | | 3,700 | 4,100 | 6,300 |
| 150 | 35.2 | | | | 2,900 | 3,300 | 5,300 | |
| 160 | 29.3 | | | | 2,300 | 2,600 | 4,500 | |
| 170 | 21.9 | | | | -- | 2,000 | 3,800 | |
| 180 | 10.4 | | | | -- | -- | 3,200 | |
| 190' (57.91 m) | 36 | 80.0 | | | | -- | 40,600 | 49,400 |
| | 40 | 78.8 | | | | -- | 35,200 | 43,200 |
| | 50 | 75.7 | | | | -- | 25,900 | 32,200 |
| | 60 | 72.5 | | | | -- | 20,100 | 25,100 |
| | 70 | 69.3 | | | | -- | 16,000 | 20,400 |
| | 80 | 66.1 | | | | -- | 12,900 | 16,700 |
| | 90 | 62.7 | | | | -- | 10,500 | 13,900 |
| | 100 | 59.3 | | | | -- | 8,600 | 11,700 |
| | 110 | 55.7 | | | | -- | 7,100 | 9,800 |
| | 120 | 52.0 | | | | -- | 5,800 | 8,300 |
| | 130 | 48.0 | | | | -- | 4,700 | 7,100 |
| | 140 | 43.8 | | | | -- | 3,800 | 6,000 |
| | 150 | 39.3 | | | | -- | 3,000 | 5,100 |
| 160 | 34.3 | | | | -- | 2,400 | 4,200 | |
| 170 | 28.5 | | | | -- | -- | 3,500 | |
| 180 | 21.3 | | | | -- | -- | 2,900 | |
| 190 | 10.1 | | | | -- | -- | 2,300 | |
| 200' (60.96 m) | 38 | 80.0 | | | | -- | -- | 46,200 |
| | 40 | 79.3 | | | | -- | -- | 43,000 |
| | 50 | 76.4 | | | | -- | -- | 31,900 |

HC-238H Pick & Carry Capacities

| Boom Length (ft.) | Load Radius (ft.) | Boom Angle (degree) | Capacities (lbs.) - On Tires - 1 mph | | | | | |
|-------------------|-------------------|---------------------|--------------------------------------|------------------|-------------------|---------------------|--------------------|----------------------|
| | | | Over Rear | | | | | |
| | | | 0 + 0 ctwt. | "A" + 0 ctwt. | "AB" + 0 ctwt. | "AB" + "A" ctwt. | "ABC" + 0 ctwt. | "ABC" + "A" ctwt. |
| 200' (60.96 m) | 60 | 73.4 | ↑ | ↑ | ↑ | ↑ | ↑ | 24,800 |
| | 70 | 70.4 | | | | | | 20,100 |
| | 80 | 67.3 | | | | | | 16,400 |
| | 90 | 64.2 | | | | | | 13,600 |
| | 100 | 61.0 | | | | | | 11,400 |
| | 110 | 57.6 | | | | | | 9,600 |
| | 120 | 54.2 | | | | | | 8,100 |
| | 130 | 50.6 | | | | | | 6,800 |
| | 140 | 46.7 | | | | | | 5,700 |
| | 150 | 42.7 | | | | | | 4,800 |
| | 160 | 38.3 | | | | | | 4,000 |
| | 170 | 33.4 | | | | | | 3,300 |
| | 180 | 27.7 | | | | | | 2,600 |
| 190 | 20.7 | 2,100 | | | | | | |
| 200 | 9.9 | -- | | | | | | |
| 210' (64.01 m) | 39 | 80.0 | ↓ | ↓ | ↓ | ↓ | ↓ | 43,500 |
| | 40 | 79.8 | | | | | | 42,700 |
| | 50 | 77.1 | | | | | | 31,700 |
| | 60 | 74.2 | | | | | | 24,500 |
| | 70 | 71.4 | | | | | | 19,800 |
| | 80 | 68.5 | | | | | | 16,200 |
| | 90 | 65.5 | | | | | | 13,300 |
| | 100 | 62.5 | | | | | | 11,100 |
| | 110 | 59.4 | | | | | | 9,300 |
| | 120 | 56.1 | | | | | | 7,800 |
| | 130 | 52.8 | | | | | | 6,500 |
| | 140 | 49.3 | | | | | | 5,400 |
| | 150 | 45.6 | | | | | | 4,500 |
| 160 | 41.6 | 3,700 | | | | | | |
| 170 | 37.3 | 3,000 | | | | | | |
| 180 | 32.5 | 2,300 | | | | | | |
| 190 | 27.0 | -- | | | | | | |
| 200 | 20.2 | -- | | | | | | |
| 210 | 9.6 | -- | | | | | | |

HC-238H Working Range and Lift Crane Notes



Gibbons Erectors, Inc.
8019 Towhee Road
Parker, CO 80134

General:

1. Rated lifting capacities in pounds as shown on lift charts pertain to the crane as originally manufactured and normally equipped. Modifications to the crane or use of optional equipment other than that specified can result in a reduction of capacity.
2. Construction equipment can be dangerous if improperly operated or maintained. Operation and maintenance of the crane must be in compliance with the information in the Operator's, Parts and Safety Manuals supplied with the crane. If these manuals are missing, order replacements through the distributor.
3. The operator and other personnel associated with the crane shall read and fully understand the latest applicable American National Standards Institute (ANSI) safety standards for cranes.
4. The maximum allowable lifting capacities are based on crane standing level on firm supporting surface.

Set-Up:

1. The crane shall be leveled on a firm supporting surface. Depending on the nature of the supporting surface, it may be necessary to have structural supports under the pontoons to spread the load to a larger bearing surface.
2. For required parts of line, see wire rope strength and winch performance tables in Crane Rating Manual.

Lift Crane Operation:

1. Capacities shown are in pounds and are not more than 85% of the tipping loads on outriggers or 75% of the tipping loads on tires with the crane standing level on firm supporting surface. A deduction must be made from these capacities for weight of hook block, hook, sling, grapple, load weighing device, etc. When using main hook while jib is attached, reduce capacities by values shown in Crane Rating Manual. See Operator's Manual for all limitations when raising or lowering attachment.
2. The capacities marked with an asterisk (*) are based on factors other than those which would cause a tipping condition.

3. For recommended reeving, parts of line, wire rope type and wire rope inspection, see wire rope strength chart, Operator's Manual and Parts Manual.
4. Load ratings are based on freely suspended loads and make no allowances for such factors as the effect of the wind, ground conditions, and operating speeds. The operator shall therefore reduce load ratings in order to take these conditions into account.
5. The 26' (7.92 m) live mast must be used for all capacities listed.
6. The least stable rated condition is over the side.
7. The jib cannot be used on a boom longer than 210' (64.01 m).
8. Maximum main boom length without jib is 240' (73.15 m).
9. Do not operate at radii and boom lengths where the Crane Rating Manual lists no capacity. Do not use longer booms or jibs than those listed in the Crane Rating Manual. Any of the above can cause a tipping condition, or boom and jib failure.
10. These capacities apply only to the crane as originally manufactured and normally equipped by Link-Belt Construction Equipment Company.

Link-Belt Construction Equipment Company Lexington, Kentucky

A unit of Sumitomo Construction Machinery Co., Ltd.

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