

CONVENTIONAL CRANE 308 TONS

DEMAG TC 1200

BOOM LENGTHS:
39 TO 295 FT

JIB LENGTHS:
59 TO 216 FT

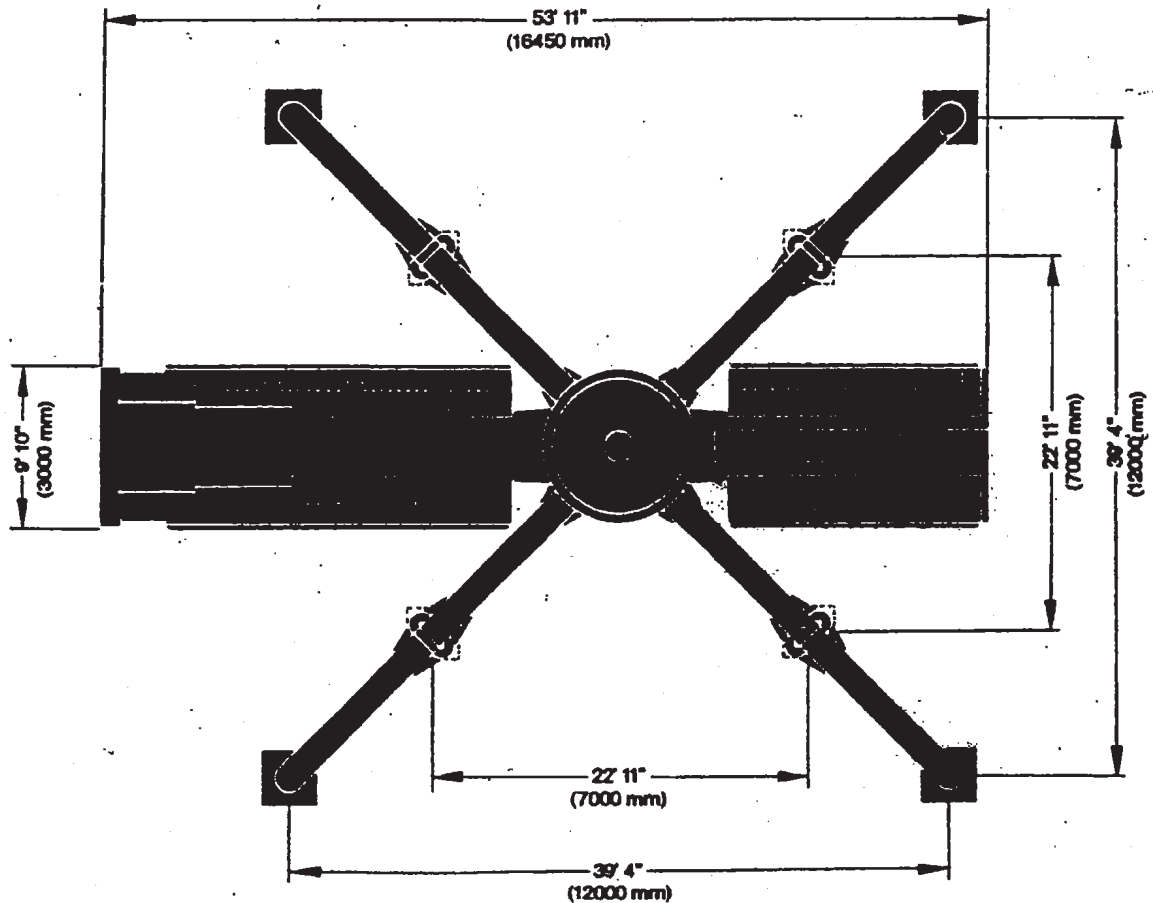
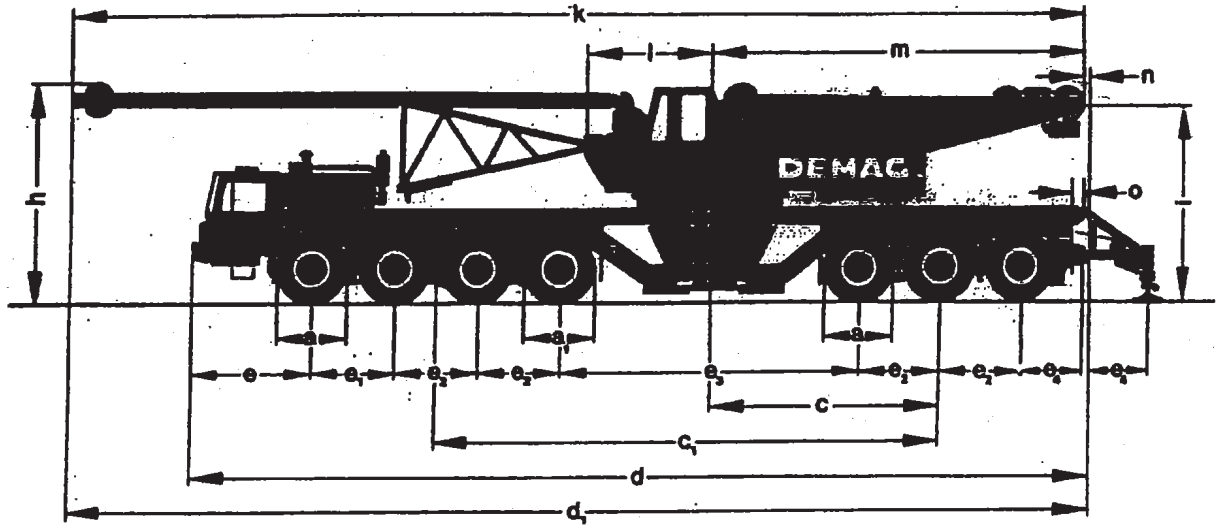
JIB OFFSETS:
LUFFING



NOTES:

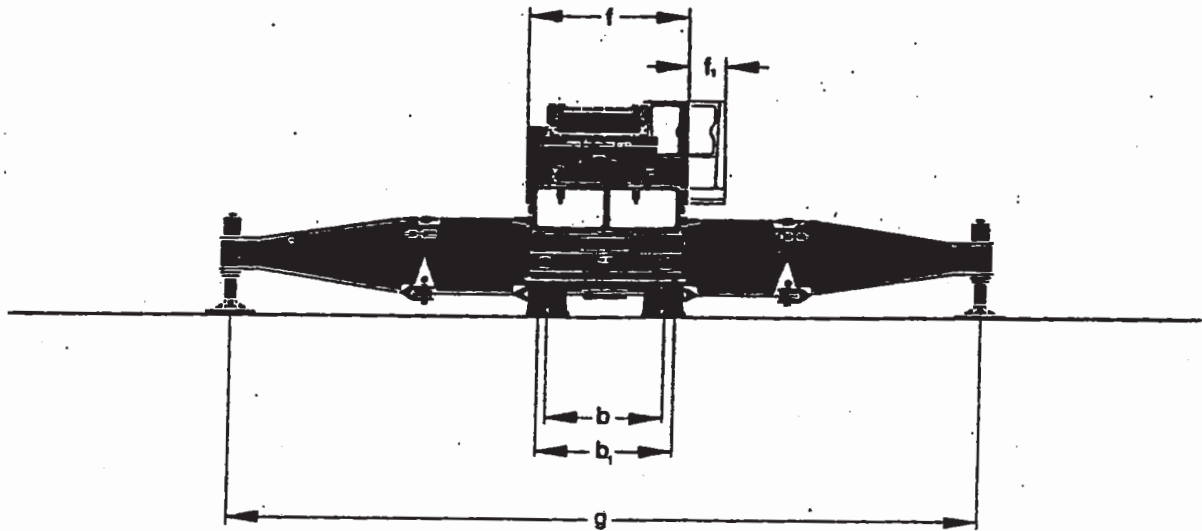
DEMAG Baumaschinen 308 Ton Cap.

Basic Machine



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DEMAG Baumaschinen 308 Ton Cap.



| | | | | | | | |
|----------------|-------------------|----------------|--------------------|----------------|--------------------|---|--------------------|
| a | 14.00 - 24, PR 22 | d | 54' 9" (16 710 mm) | e ₄ | 3' (1 150 mm) | k | 61' 4" (18 700 mm) |
| a ₁ | 12.00 - 24, PR 20 | d ₁ | 62' 2" (18 950 mm) | f | 9' 10" (3 000 mm) | l | 7' 2" (2 200 mm) |
| b | 7' 1" (2 170 mm*) | e | 8' (2 450 mm) | f ₁ | 2' 4" (700 mm) | m | 22' (6 710 mm) |
| b ₁ | 8' 5" (2 503 mm) | e ₁ | 5' 3" (1 600 mm) | g | 39' 4" (12 000 mm) | n | 10" (250 mm) |
| c | 13' 9" (4 200 mm) | e ₂ | 4' 11" (1 500 mm) | h | 12' 11" (3 950 mm) | o | 6" (150 mm) |
| c ₁ | 30' (9 150 mm) | e ₃ | 17' 8" (5 400 mm) | i | 11' 2" (3 600 mm) | | |

* 4th Front Axle

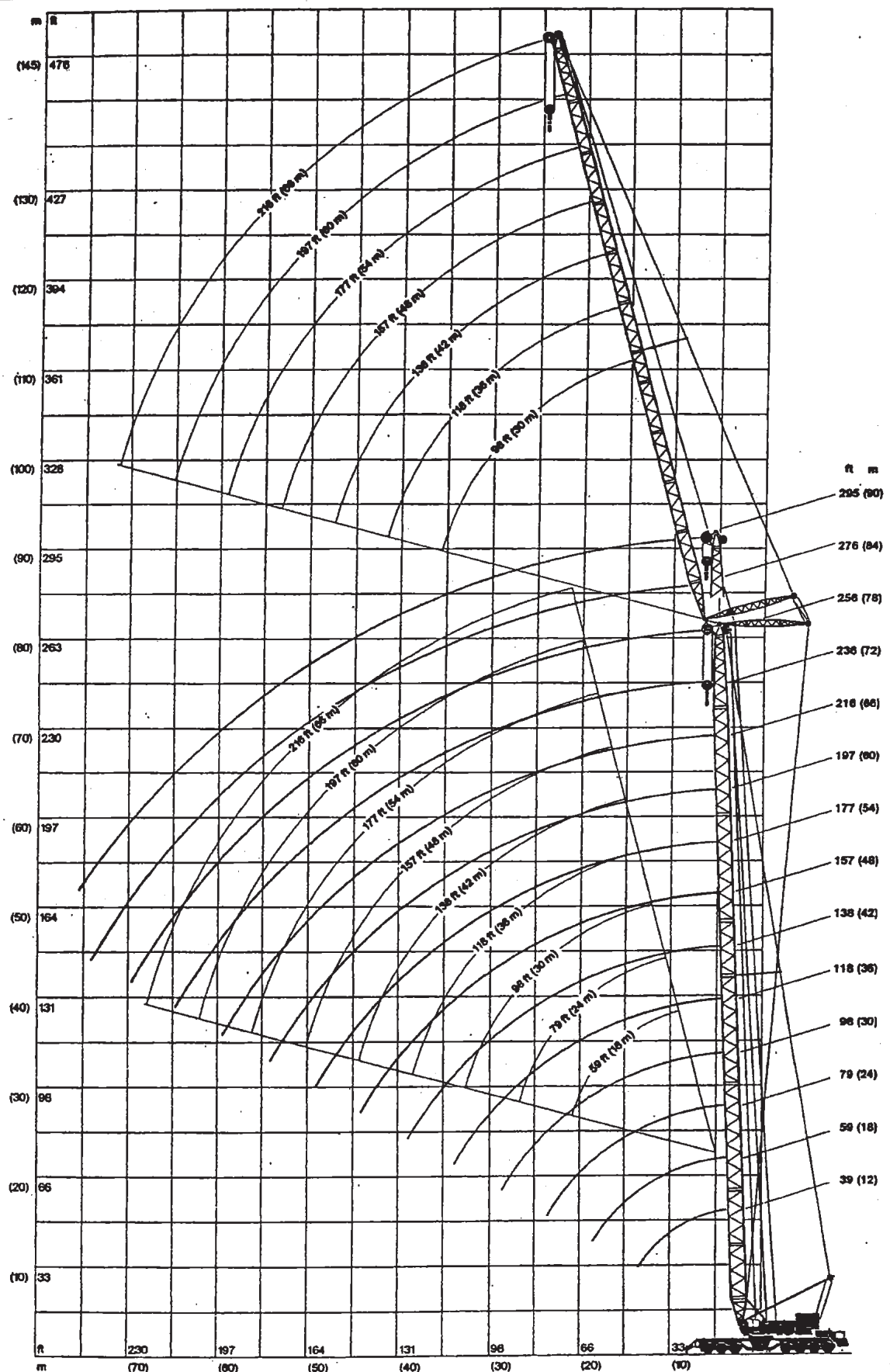
Truck Carrier

| | |
|--------------------|---|
| Engine | KHD BF 12 L 413 |
| System | 12 cyl.-4 strokes |
| Output at 2500 RPM | 310 kW (420 HP) |
| Cooling | air |
| Fuel-Tank Capacity | 80 gal. (300 liters) |
| Transmission | 12-Speed Main Transmission plus 2-Speed Transfer Case |
| Carrier | 14 x 8 |
| Suspension | |
| Front | 1st and 2nd Axles: Leaf springs; 3rd and 4 th = Hydraulic suspension |
| Rear | 1st and 2nd Axles = Walking Beams, 3rd = Hydraulic suspension |
| Outriggers | 4 articulated dismountable outrigger beams with hydraulic jack legs |



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TC 1200

O/R SPREAD
39'-4.4" SQ.
(12 x 12 m)

85 %

360°

CAPACITIES (POUNDS) = LOAD + HOOK BLOCK

MAIN BOOM ONLY (FT.)

99 TON CWT.

| | RADIUS | 85 % | | RADIUS | 85 % |
|--|--------|---------|-----------------------------------|--------|---------|
| | (FT.) | RATED | | (FT.) | RATED |
| BOOM LENGTH (FT.) 39 | 20 | 616,000 | BOOM LENGTH (FT.) 79 | 23 | 550,000 |
| | 23 | 550,000 | | 26 | 503,000 |
| | 26 | 506,000 | | 30 | 425,000 |
| | 30 | 430,000 | | 33 | 382,000 |
| | 33 | 386,000 | | 36 | 344,000 |
| | 36 | 353,000 | | 40 | 306,000 |
| | 40 | 312,000 | | 46 | 260,000 |
| All capacities above the parting line are based on structural strength, those below the line are based on stability for the percentage of tipping load as indicated. | | | | 53 | 220,000 |
| | | | | 59 | 196,000 |
| | | | | 66 | 177,000 |
| | | | | 72 | 156,000 |
| | | | | | |
| BOOM LENGTH (FT.) 59 | 20 | 616,000 | BOOM LENGTH (FT.) 98 | 23 | 550,000 |
| | 23 | 550,000 | | 26 | 498,000 |
| | 26 | 504,000 | | 30 | 422,000 |
| | 30 | 427,000 | | 33 | 378,000 |
| | 33 | 384,000 | | 36 | 342,000 |
| | 36 | 348,400 | | 40 | 304,000 |
| | 40 | 307,000 | | 46 | 258,000 |
| | 46 | 262,000 | | 53 | 217,000 |
| | 53 | 224,000 | | 59 | 193,000 |
| | 59 | 198,000 | 8-28-01 1/6 A179 | 66 | 169,000 |
| | | | | 72 | 153,000 |
| | | | | 79 | 137,000 |
| | | | | 85 | 127,000 |
| | | | | 92 | 116,000 |

THIS INFORMATION IS FOR REFERENCE USE ONLY. OPERATORS MANUALS SHOULD BE CONSULTED AND ADHERED TO. PLEASE CONTACT NESS CAMPBELL AT info@nesscampbell.com FOR FURTHER INFORMATION.

| | | | | | |
|---|--------|---------|----------------------|---|---------|
| TC 1200 | | | | O/R SPREAD 39'-4.4" SQ. (12 x 12 m) | |
| 85 % | | 360° | | | |
| CAPACITIES (POUNDS) = LOAD + HOOK BLOCK | | | | | |
| MAIN BOOM ONLY (FT.) | | | 99 TON CWT | | |
| | RADIUS | 85 % | | RADIUS | 85 % |
| | (FT.) | RATED | | (FT.) | RATED |
| BOOM LENGTH (FT.) | | | BOOM LENGTH (FT.) | | |
| 197 | | | 216 | | |
| | 33 | 291,000 | | 33 | 238,000 |
| | 36 | 278,000 | | 36 | 225,000 |
| | 40 | 264,000 | | 40 | 214,000 |
| | 46 | 240,000 | | 46 | 201,000 |
| | 53 | 209,000 | | 53 | 190,000 |
| | 59 | 184,000 | | 59 | 182,000 |
| | 66 | 161,000 | | 66 | 160,000 |
| All capacities above the parting line are based on structural strength, those below the line are based on stability for the percentage of tipping load as indicated. | 72 | 144,600 | | 72 | 143,000 |
| | 79 | 129,600 | | 79 | 128,000 |
| | 85 | 118,000 | | 85 | 116,400 |
| | 92 | 107,000 | | 92 | 105,600 |
| | 98 | 99,000 | | 98 | 97,000 |
| | 110 | 84,000 | | 110 | 82,400 |
| | 125 | 69,600 | | 125 | 68,000 |
| | 140 | 58,000 | | 140 | 58,000 |
| | 150 | 52,800 | | 150 | 52,000 |
| | 165 | 45,000 | | 165 | 43,600 |
| | 180 | 40,000 | | 180 | 38,000 |
| | | | 8-29-01 | 190 | 35,000 |
| | | | 4/6 | | |
| | | | A179 | | |



NESS CAMPBELL
CRANE + RIGGING

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| | | | | | |
|---------|--|------|--|---|--|
| TC 1200 | | | | O/R SPREAD 39'-4.4" SQ. (12 x 12 m) | |
| 85 % | | 360° | | | |

| | | | | | |
|---|--|--|-------------|--|--|
| CAPACITIES (POUNDS) = LOAD + HOOK BLOCK | | | | | |
| MAIN BOOM ONLY (FT.) | | | 99 TON CWT. | | |

| | RADIUS | 85 % | | | RADIUS | 85 % |
|---|--------|---------|------------------------------------|-----|---------|-------|
| | (FT.) | RATED | | | (FT.) | RATED |
| BOOM LENGTH (FT.) 236 | | | BOOM LENGTH (FT.) 256 | | | |
| | 33 | 194,000 | | 33 | 163,000 | |
| | 36 | 187,200 | | 36 | 156,600 | |
| | 40 | 182,600 | | 40 | 151,000 | |
| | 46 | 171,800 | | 46 | 141,600 | |
| | 53 | 162,000 | | 53 | 111,400 | |
| | 59 | 154,000 | | 59 | 124,600 | |
| | 66 | 143,000 | | 66 | 116,000 | |
| All capacities above the parting line are based on structural strength, those below the line are based on stability for the percentage of tipping load as indicated. | 72 | 138,400 | | 72 | 110,200 | |
| | 79 | 127,000 | | 79 | 103,400 | |
| | 85 | 115,000 | | 85 | 98,400 | |
| | 92 | 104,000 | | 92 | 92,600 | |
| | 98 | 95,000 | | 98 | 88,000 | |
| | 110 | 82,000 | | 110 | 79,000 | |
| | 125 | 67,000 | | 125 | 66,000 | |
| | 140 | 56,000 | | 140 | 55,000 | |
| | 150 | 50,000 | | 150 | 49,000 | |
| | 165 | 42,600 | | 165 | 41,000 | |
| | 180 | 36,000 | | 180 | 35,000 | |
| | 190 | 33,000 | | 190 | 32,000 | |
| | 205 | 29,000 | | 205 | 27,600 | |
| | | | 8-29-01 5/6 A179 | 220 | 24,000 | |
| | | | | 230 | 22,000 | |
| | | | | | | |
| | | | | | | |



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TC 1200

O/R SPREAD
39'-4.4" SQ.
(12 x 12 m)

85 %

360°

CAPACITIES (POUNDS) = LOAD + HOOK BLOCK

MAIN BOOM ONLY (FT.)

99 TON CWT.

| | RADIUS | 85 % | | RADIUS | 85 % |
|--|--------|---------|-------------------|--------|---------|
| | (FT.) | RATED | | (FT.) | RATED |
| BOOM LENGTH (FT.) | | | BOOM LENGTH (FT.) | | |
| 276 | 36 | 132,400 | 295 | 36 | 116,800 |
| | 40 | 125,000 | | 40 | 108,400 |
| | 46 | 116,000 | | 46 | 101,400 |
| | 53 | 107,600 | | 53 | 92,000 |
| | 59 | 100,200 | | 59 | 84,800 |
| | 66 | 93,600 | | 66 | 78,000 |
| | 72 | 88,000 | | 72 | 73,400 |
| | 79 | 82,000 | | 79 | 68,000 |
| | 85 | 77,600 | | 85 | 64,000 |
| | 92 | 73,200 | | 92 | 59,000 |
| All capacities above the parting line are based on structural strength, those below the line are based on stability for the percentage of tipping load as indicated. | 98 | 69,600 | | 98 | 56,000 |
| | 110 | 62,000 | | 110 | 49,600 |
| | 125 | 55,600 | | 125 | 43,000 |
| | 140 | 49,000 | | 140 | 36,400 |
| | 150 | 45,400 | | 150 | 34,000 |
| | 165 | 40,600 | | 165 | 31,200 |
| | 180 | 34,000 | | 180 | 26,000 |
| | 190 | 30,600 | | 190 | 23,400 |
| | 205 | 26,000 | | 205 | 20,200 |
| | 220 | 23,000 | | 220 | 17,000 |
| | 230 | 20,400 | 2-29-01 | 230 | 15,600 |
| | | | 6/6 | | |
| | | | A140 | | |



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| | | | | | | | | | | |
|-----------------|---|--|---------|---------|---------|-------------|---------|--------------|-------------------------|--------|
| 75 % | | TC 1200 LUFFING FLY JIB ANGLE OF MAIN BOOM 88° | | | | | | | 360° | |
| | | | | | | | | | 39'-4.4" (12 x 12 m) | |
| RADIUS (FT.) | CAPACITIES (POUNDS) = LOAD + HOOK BLOCK | | | | | | | | | |
| | MAIN BOOM (FT.) | | | | | | | 99 TON CWT. | | |
| | 98'-5.1" (30m) | | | | | | | | | |
| | JIB (FT.) | | | | | | | | | |
| | 59'-1" | 78'-9" | 98'-5" | 118'-1" | 137'-9" | 157'-6" | 177'-2" | 196'-10" | 216'-6" | |
| | 32'-10" | 220,000 | | | | | | | | |
| | 39'-4" | 207,000 | 180,400 | | | | | | | |
| | 45'-11" | 195,400 | 170,200 | 143,600 | 113,200 | | | | | |
| | 52'-6" | 185,800 | 160,000 | 137,400 | 110,600 | 88,200 | | | | |
| | 59'-1" | 160,600 | 150,600 | 131,400 | 108,000 | 87,400 | 67,600 | | | |
| | 65'-7" | 139,200 | 143,200 | 126,000 | 105,000 | 86,600 | 66,600 | 50,400 | | |
| | 72'-7" | | 126,800 | 120,600 | 102,200 | 85,800 | 65,000 | 49,800 | 41,400 | 34,200 |
| | 78'-9" | | 112,800 | 111,600 | 99,400 | 84,600 | 63,800 | 48,600 | 40,200 | 33,000 |
| | 85'-0" | | 101,800 | 100,400 | 96,200 | 83,800 | 62,400 | 47,400 | 38,800 | 31,800 |
| | 91'-10" | | | 91,200 | 90,400 | 82,600 | 61,000 | 46,600 | 37,800 | 30,800 |
| | 98'-5" | | | 83,600 | 82,400 | 81,400 | 60,000 | 45,400 | 36,600 | 29,200 |
| | 111'-7" | | | | 70,400 | 69,000 | 57,200 | 43,200 | 34,200 | 27,000 |
| | 124'-8" | | | | 61,000 | 59,800 | 54,400 | 41,000 | 32,000 | 24,600 |
| | 137'-9" | | | | | 52,800 | 51,800 | 40,200 | 29,600 | 22,600 |
| | 150'-11" | | | | | | 46,200 | 37,000 | 27,600 | 20,600 |
| 164'-0" | | | | | | 41,400 | 34,800 | 25,800 | 18,600 | |
| 177'-2" | | | | | | | 33,000 | 24,400 | 16,800 | |
| 190'-3" | | | | | | | | 22,800 | 15,400 | |
| 203'-5" | | | | | | | | 21,400 | 14,200 | |
| 216'-6" | | | | | | | | | | |
| 229'-8" | | | | | | | | | | |
| 242'-9" | | | | | | | | | | |
| 255'-11" | | | | | | | | | | |
| | | | | | | | | 7-8-01 | | |
| | | | | | | | | 3/11 A150 | | |
| | | | | | | | | | | |
| | | | | | | 195652 40 2 | | | | |

| | | |
|------|---------|-------------------------|
| 75 % | TC 1200 | 360° |
| | | 39'-4.4" (12 x 12 m) |

LUFFING FLY JIB
ANGLE OF MAIN BOOM 88°

| RADIUS (FT.) | CAPACITIES (POUNDS) = LOAD + HOOK BLOCK | | | | | | | | |
|-----------------|---|---------|---------|---------|---------|-------------|---------|----------|---------|
| | MAIN BOOM (FT.) 99 TON CWT. | | | | | | | | |
| | 118'-1.3" (36m) | | | | | | | | |
| | JIB (FT.) | | | | | | | | |
| | 59'-1" | 78'-9" | 98'-5" | 118'-1" | 137'-9" | 157'-6" | 177'-2" | 196'-10" | 216'-6" |
| 32'-10" | 199,200 | | | | | | | | |
| 39'-4" | 190,600 | 166,400 | | | | | | | |
| 45'-11" | 181,000 | 156,400 | 132,000 | | | | | | |
| 52'-6" | 171,800 | 148,200 | 127,200 | 103,000 | 82,600 | | | | |
| 59'-1" | 163,200 | 140,800 | 122,400 | 100,800 | 82,000 | 64,400 | | | |
| 65'-7" | 141,200 | 133,800 | 117,800 | 98,400 | 81,400 | 63,200 | 49,600 | | |
| 72'-7" | 124,200 | 126,400 | 113,600 | 95,800 | 80,200 | 62,200 | 48,800 | 40,000 | 32,400 |
| 78'-9" | | 112,600 | 109,000 | 93,400 | 79,400 | 61,200 | 47,800 | 38,800 | 31,600 |
| 85'-0" | | 101,400 | 100,000 | 90,800 | 78,400 | 60,000 | 46,800 | 38,000 | 30,400 |
| 91'-10" | | | 90,800 | 88,000 | 77,400 | 58,800 | 45,800 | 36,800 | 29,600 |
| 98'-5" | | | 83,000 | 82,200 | 76,000 | 58,000 | 44,800 | 36,000 | 28,600 |
| 111'-7" | | | | 69,800 | 68,800 | 55,600 | 43,000 | 34,000 | 24,800 |
| 124'-8" | | | | 60,800 | 59,600 | 53,600 | 41,200 | 32,000 | 22,800 |
| 137'-9" | | | | | 52,200 | 51,400 | 39,200 | 30,000 | 20,800 |
| 150'-11" | | | | | | 45,600 | 37,400 | 28,000 | 18,800 |
| 164'-0" | | | | | | 41,000 | 35,400 | 24,400 | 16,800 |
| 177'-2" | | | | | | | 33,400 | 22,800 | 15,400 |
| 190'-3" | | | | | | | | 21,400 | 14,200 |
| 203'-5" | | | | | | | | | |
| 216'-6" | | | | | | | | | |
| 229'-8" | | | | | | | | | |
| 242'-9" | | | | | | | | | |
| 255'-11" | | | | | | | | | |
| | | | | | | | | 7-8-01 | |
| | | | | | | | | 4/11 | |
| | | | | | | | | A150 | |
| | | | | | | 195652 40 2 | | | |



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| | | | | | | | | | |
|-----------------|---|---------|---------|---------|---------|-------------|-------------|-------------------------|---------|
| 75 % | TC 1200 | | | | | | | 360° | |
| | LUFFING FLY JIB ANGLE OF MAIN BOOM 88° | | | | | | | 39'-4.4" (12 x 12 m) | |
| RADIUS (FT.) | CAPACITIES (POUNDS) = LOAD + HOOK BLOCK | | | | | | | | |
| | MAIN BOOM (FT.) | | | | | | 99 TON CWT. | | |
| | 137'-9.5" (42m) | | | | | | | | |
| | JIB (FT.) | | | | | | | | |
| | 59'-1" | 78'-9" | 98'-5" | 118'-1" | 137'-9" | 157'-6" | 177'-2" | 196'-10" | 216'-6" |
| 32'-10" | | | | | | | | | |
| 39'-4" | | 149,600 | | | | | | | |
| 45'-11" | | 143,200 | 119,800 | | | | | | |
| 52'-6" | | 137,000 | 116,000 | 95,200 | 76,400 | | | | |
| 59'-1" | | 131,000 | 112,400 | 93,400 | 75,800 | 60,600 | | | |
| 65'-7" | | 125,800 | 108,600 | 91,400 | 75,000 | 60,000 | 47,800 | | |
| 72'-7" | | 120,200 | 105,000 | 89,200 | 74,000 | 58,800 | 47,200 | 38,000 | |
| 78'-9" | | 112,600 | 101,800 | 87,400 | 73,000 | 58,000 | 46,600 | 37,400 | |
| 85'-0" | | 101,400 | 98,200 | 85,200 | 72,200 | 57,200 | 45,800 | 36,200 | |
| 91'-10" | | 92,000 | 91,000 | 83,000 | 71,200 | 56,400 | 45,200 | 35,400 | |
| 98'-5" | | | 83,200 | 80,800 | 70,000 | 55,600 | 44,400 | 34,400 | |
| 111'-7" | | | | 70,000 | 67,800 | 53,600 | 42,600 | 33,000 | |
| 124'-8" | | | | 61,000 | 60,000 | 52,000 | 40,600 | 31,000 | |
| 137'-9" | | | | | 52,800 | 50,200 | 39,000 | 29,400 | |
| 150'-11" | | | | | | 48,400 | 37,400 | 27,600 | |
| 164'-0" | | | | | | 46,400 | 35,200 | 26,400 | |
| 177'-2" | | | | | | | 33,200 | 25,000 | |
| 190'-3" | | | | | | | | 24,200 | |
| 203'-5" | | | | | | | | 23,000 | |
| 216'-6" | | | | | | | | | |
| 229'-8" | | | | | | | | | |
| 242'-9" | | | | | | | | | |
| 255'-11" | | | | | | | | | |
| | | | | | | | | 7-8-01 | |
| | | | | | | | | 5/11 A150 | |
| | | | | | | | | | |
| | | | | | | 195652 40 3 | | | |

| | | | |
|------|---------|---|-------------------------|
| 75 % | TC 1200 | LUFFING FLY JIB ANGLE OF MAIN BOOM 88° | 360° |
| | | | 39'-4.4" (12 x 12 m) |

| RADIUS (FT.) | CAPACITIES (POUNDS) = LOAD + HOOK BLOCK | | | | | | | | |
|-----------------|---|---------|---------|---------|---------|-------------|---------|----------|-------------|
| | MAIN BOOM (FT.) | | | | | | | | 99 TON CWT. |
| | 157'-5.7" (48m) | | | | | | | | |
| | JIB (FT.) | | | | | | | | |
| | 59'-1" | 78'-9" | 98'-5" | 118'-1" | 137'-9" | 157'-6" | 177'-2" | 196'-10" | 216'-6" |
| 32'-10" | | | | | | | | | |
| 39'-4" | | 134,200 | | | | | | | |
| 45'-11" | | 129,000 | 108,800 | | | | | | |
| 52'-6" | | 123,800 | 106,000 | 87,000 | | | | | |
| 59'-1" | | 119,000 | 102,800 | 85,200 | 69,400 | 57,200 | | | |
| 65'-7" | | 114,400 | 99,800 | 83,800 | 68,800 | 56,400 | 45,200 | | |
| 72'-7" | | 110,000 | 97,000 | 82,000 | 68,200 | 55,600 | 45,000 | 35,800 | |
| 78'-9" | | 105,600 | 93,800 | 80,200 | 67,200 | 55,200 | 44,600 | 35,200 | 27,600 |
| 85'-0" | | 101,400 | 91,000 | 78,400 | 66,400 | 54,400 | 44,200 | 34,200 | 27,000 |
| 91'-10" | | 92,000 | 88,200 | 76,600 | 65,400 | 53,800 | 43,600 | 33,600 | 26,000 |
| 98'-5" | | | 83,000 | 75,000 | 64,600 | 53,200 | 42,800 | 33,000 | 25,000 |
| 111'-7" | | | 71,000 | 69,800 | 62,400 | 51,600 | 41,800 | 31,600 | 23,800 |
| 124'-8" | | | | 60,600 | 59,600 | 50,000 | 40,200 | 30,200 | 22,600 |
| 137'-9" | | | | | 52,400 | 48,000 | 38,400 | 29,000 | 21,200 |
| 150'-11" | | | | | | 46,200 | 36,600 | 27,400 | 20,000 |
| 164'-0" | | | | | | 41,200 | 34,800 | 26,000 | 18,600 |
| 177'-2" | | | | | | | 33,000 | 24,600 | 17,200 |
| 190'-3" | | | | | | | | 23,000 | 16,000 |
| 203'-5" | | | | | | | | 21,400 | 14,600 |
| 216'-6" | | | | | | | | | 13,400 |
| 229'-8" | | | | | | | | | |
| 242'-9" | | | | | | | | | |
| 255'-11" | | | | | | | | | |
| | | | | | | | | 7-8-01 | |
| | | | | | | | | 6/11 | |
| | | | | | | | | A150 | |
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| | | | | | | | | | | |
|-----------------|--|---|---------|---------|---------|---------|-------------|---------|-------------------------|---------|
| 75 % | | TC 1200 | | | | | | | 360° | |
| | | | | | | | | | 39'-4.4" (12 x 12 m) | |
| RADIUS (FT.) | | LUFFING FLY JIB | | | | | | | | |
| | | ANGLE OF MAIN BOOM 88° | | | | | | | | |
| | | CAPACITIES (POUNDS) = LOAD + HOOK BLOCK | | | | | | | | |
| | | MAIN BOOM (FT.) | | | | | | | 99 TON CWT. | |
| | | 177'-2" (54m) | | | | | | | | |
| | | JIB (FT.) | | | | | | | | |
| | | 59'-1" | 78'-9" | 98'-5" | 118'-1" | 137'-9" | 157'-6" | 177'-2" | 196'-10" | 216'-6" |
| 32'-10" | | | | | | | | | | |
| 39'-4" | | | 124,000 | | | | | | | |
| 45'-11" | | | 120,200 | 100,000 | | | | | | |
| 52'-6" | | | 116,800 | 97,800 | 81,800 | | | | | |
| 59'-1" | | | 113,200 | 95,600 | 80,200 | 64,400 | 53,000 | | | |
| 65'-7" | | | 109,600 | 93,600 | 78,800 | 63,400 | 52,400 | 42,200 | | |
| 72'-7" | | | 106,200 | 91,400 | 77,600 | 62,800 | 51,800 | 41,800 | 33,800 | |
| 78'-9" | | | 102,600 | 89,000 | 76,000 | 62,400 | 51,200 | 41,200 | 33,400 | 27,000 |
| 85'-0" | | | 99,200 | 87,200 | 74,400 | 61,600 | 50,800 | 40,800 | 33,200 | 26,600 |
| 91'-10" | | | 91,800 | 84,800 | 73,200 | 60,800 | 50,200 | 40,600 | 32,600 | 25,800 |
| 98'-5" | | | | 82,400 | 71,800 | 60,200 | 49,600 | 40,000 | 32,200 | 25,200 |
| 111'-7" | | | | 70,800 | 69,800 | 58,400 | 48,600 | 39,600 | 31,400 | 24,600 |
| 124'-8" | | | | | 60,600 | 56,600 | 47,400 | 38,600 | 30,400 | 23,400 |
| 137'-9" | | | | | | 52,400 | 46,200 | 38,000 | 29,400 | 22,200 |
| 150'-11" | | | | | | | 43,600 | 36,600 | 28,200 | 20,800 |
| 164'-0" | | | | | | | 41,200 | 35,600 | 27,200 | 19,800 |
| 177'-2" | | | | | | | | 34,000 | 25,800 | 18,400 |
| 190'-3" | | | | | | | | | 24,400 | 17,000 |
| 203'-5" | | | | | | | | | 22,800 | 15,800 |
| 216'-6" | | | | | | | | | | 14,400 |
| 229'-8" | | | | | | | | | | |
| 242'-9" | | | | | | | | | | |
| 255'-11" | | | | | | | | | | |
| | | | | | | | | | 7-8-01 | |
| | | | | | | | | | 7/11 | |
| | | | | | | | | | A150 | |
| | | | | | | | 195652 40 4 | | | |

| | | | | | | | | | |
|-----------------|---|--------|--------|---------|---------|-------------|---------|-------------------------|---------|
| 75 % | TC 1200 | | | | | | | 360° | |
| | LUFFING FLY JIB ANGLE OF MAIN BOOM 88° | | | | | | | 39'-4.4" (12 x 12 m) | |
| RADIUS (FT.) | CAPACITIES (POUNDS) = LOAD + HOOK BLOCK | | | | | | | | |
| | MAIN BOOM (FT.) | | | | | | | 99 TON CWT. | |
| | 255'-10.9" (78m) | | | | | | | | |
| | JIB (FT.) | | | | | | | | |
| | 59'-1" | 78'-9" | 98'-5" | 118'-1" | 137'-9" | 157'-6" | 177'-2" | 196'-10" | 216'-6" |
| 32'-10" | | | | | | | | | |
| 39'-4" | | | | | | | | | |
| 45'-11" | | | | | | | | | |
| 52'-6" | | | 54,400 | 47,600 | | | | | |
| 59'-1" | | | 54,200 | 47,000 | 39,600 | | | | |
| 65'-7" | | | 53,800 | 46,400 | 39,000 | 32,000 | | | |
| 72'-7" | | | 53,400 | 46,200 | 38,600 | 31,800 | 26,600 | 22,000 | |
| 78'-9" | | | 52,800 | 45,600 | 38,200 | 31,600 | 26,600 | 21,600 | |
| 85'-0" | | | 52,000 | 45,400 | 38,000 | 31,600 | 26,400 | 21,400 | |
| 91'-10" | | | 51,400 | 45,000 | 37,600 | 31,400 | 26,000 | 21,200 | |
| 98'-5" | | | 49,800 | 44,200 | 37,400 | 31,400 | 25,800 | 21,000 | |
| 111'-7" | | | 48,400 | 43,000 | 36,400 | 31,200 | 25,800 | 20,800 | |
| 124'-8" | | | | 41,200 | 35,600 | 30,800 | 25,600 | 20,600 | |
| 137'-9" | | | | | 34,000 | 30,000 | 25,400 | 20,400 | |
| 150'-11" | | | | | 32,600 | 29,200 | 24,800 | 20,200 | |
| 164'-0" | | | | | | 28,000 | 24,200 | 20,000 | |
| 177'-2" | | | | | | | 23,200 | 19,200 | |
| 190'-3" | | | | | | | 22,400 | 18,800 | |
| 203'-5" | | | | | | | | 18,000 | |
| 216'-6" | | | | | | | | 14,000 | |
| 229'-8" | | | | | | | | | |
| 242'-9" | | | | | | | | | |
| 255'-11" | | | | | | | | | |
| | | | | | | | 7-8-01 | | |
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