# PVE AMERICAN CC330-1

Hydraulic Crawler Crane

ENGLISH

IMPERIAL

# PRODUCT BROCHURE

*Complies with ANSI / ASME B30.5*

# IMPRINT & DISCLAIMER

January 2026 edition

Unless otherwise specified, all information in this brochure refers to standard crane equipment and is intended as general information only.

No liability is assumed. Errors and omissions reserved. Product specifications and prices are subject to change without notice.

Photographs and drawings in this brochure are for illustrative purposes only. The operator must always refer to the rating manual and the operator's manual to determine allowable lifting capacities, assembly procedures and operating limits.

Failure to follow the corresponding Operator's Manual when using this equipment, or failure to otherwise act responsibly, may result in property damage, serious injury or death.

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## Publisher

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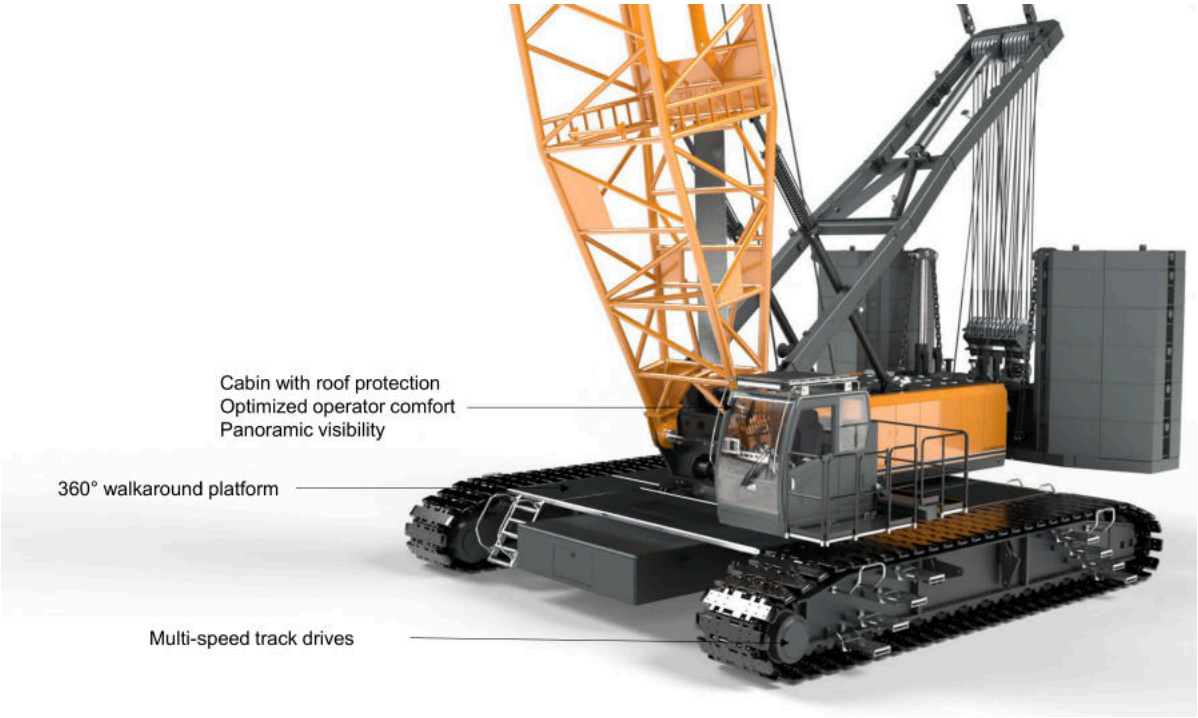
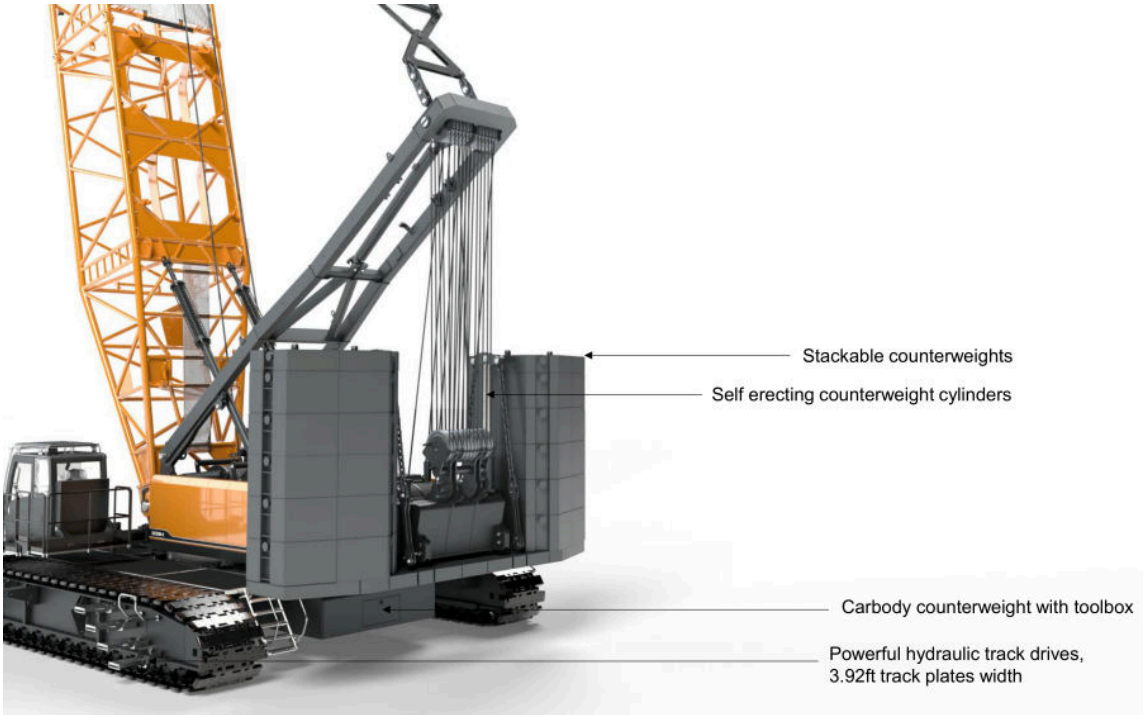
# AT A GLANCE

STRONGER · SMARTER · SAFER




**MAX. LIFTING CAPACITY**
**330 ton**

**MAX. MAIN BOOM**
**302 ft**

**MAX. LUFFING JIB**
**236 ft**

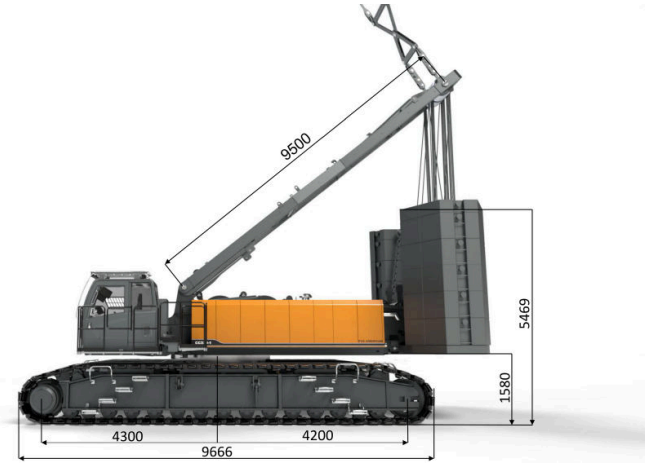
**REAR COUNTERWEIGHT**
**283,800 lbs**

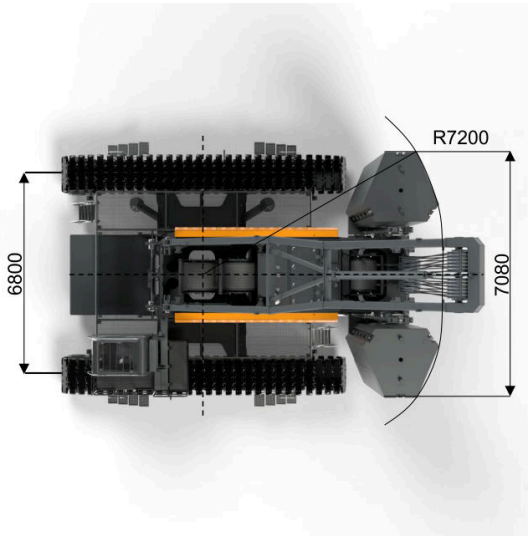
**ENGINE**
**Cummins X12 · 456 hp**

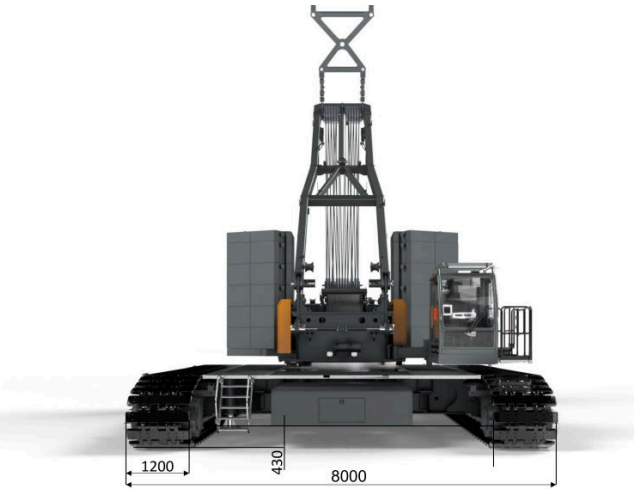
**COMPLIANCE**
**ANSI/ASME B30.5**

# DIMENSIONS

Standard configuration · three orthographic views




## Key dimensions

| | |
|---|---|
| Length of tracks | **31.68 ft** |
| Width over tracks | **26.22 ft** |
| Track plate width | **3.93 ft** |
| Swing radius | **23.59 ft** |
| Weight, base crane | **653,400 lbs** |
| Counterweights | **Full rear + full carbody** |

*Operating weight depends on boom + jib configuration and selected counterweight package. See transport plan further in this brochure.*

# CRANE BODY & ENGINE

Cummins power · Bosch Rexroth drive · CAN-BUS control

## Hydraulics & control

Bosch Rexroth pumps and motors power all winches, the crawlers and the swing drive. All movements can run simultaneously. Every hydraulic filter is monitored electronically and reports to the operator-cabin touch screen.

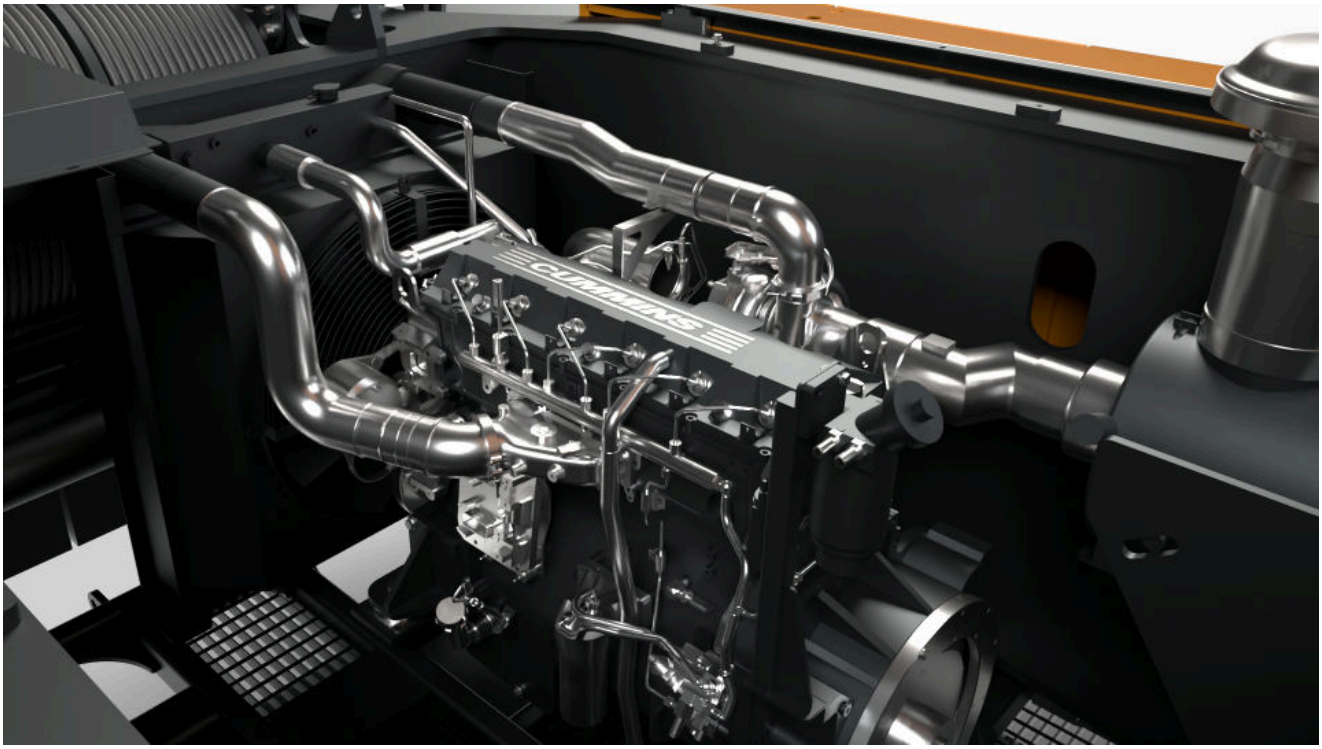
Control runs on a CAN-BUS network with PVE-developed software. The touch screen presents all functions, alerts and the Safe Load System. A 360° camera array (including dedicated winch and load cameras) keeps the work site visible. CRANEINFO logs operating data for service and factory support.

### Key specifications

| | |
|---|---|
| Working pressure | **5,076 psi** |
| Engine make | **Cummins X12** |
| Power rating | **456 hp @ 2,000 rpm** |
| Emission standard | **Tier 4F** |
| Fuel tank | **210 gal** |
| Control | **CAN-BUS / touch screen** |
| Cameras | **360° + winch + load** |
| Track-plate width | **3.93 ft** |
| Track plates | **Pin-connected** |
| Track rollers | **Sealed, oil-filled** |
| Swing drive | **Rexroth + roller bearing** |

## Engine & drive train

The crane is powered by a Tier-4F Cummins diesel coupled to the Bosch Rexroth hydraulic pack. Engine, hydraulics and crawlers are all monitored electronically and report to the touch screen. The crawlers are driven through planetary gear reduction units with sealed, oil-filled rollers for low maintenance; the turntable runs on a roller bearing with inner teeth and a Rexroth swing motor.



# WINCHES

Powerful design · low-maintenance multi-disc brakes

The winches are robustly built and engineered for high duty cycles. They use a low-maintenance multi-disc brake system as standard. An optional free-fall package is available on the main hoist drums for applications that require it.

## Main hoist winches W1 + W2

| | |
|---|---|
| Line pull, 1st layer | **60,627 lbs** |
| Line pull, 7th layer | **36,376 lbs** |
| Rope diameter | **1.10 in** |
| Rope speed | **0 – 394 ft/min** |
| Brake | **Multi-disc, spring applied, hydraulically released** |
| Free-fall (option) | **Available on W1 and W2** |

## Optional 3rd winch in boom foot W3

| | |
|---|---|
| Line pull | **17,637 lbs** |
| Position | **Mounted in the boom foot for runner or whip-line operation** |

# OPERATOR CABIN

Comfort, visibility and integrated safety

The operator cabin is built around an air-suspended seat with integrated electric-hydraulic joysticks. The joysticks give the operator very precise control of every hydraulic function while a panoramic glass envelope and roof window keep the load and the work site in view at all times.

A single touch screen consolidates the Safe Load System, system diagnostics, and the live feed from the 360° camera array (including dedicated load and winch cameras). CRANEINFO logs operating data for factory support and predictive maintenance.

## Standard features

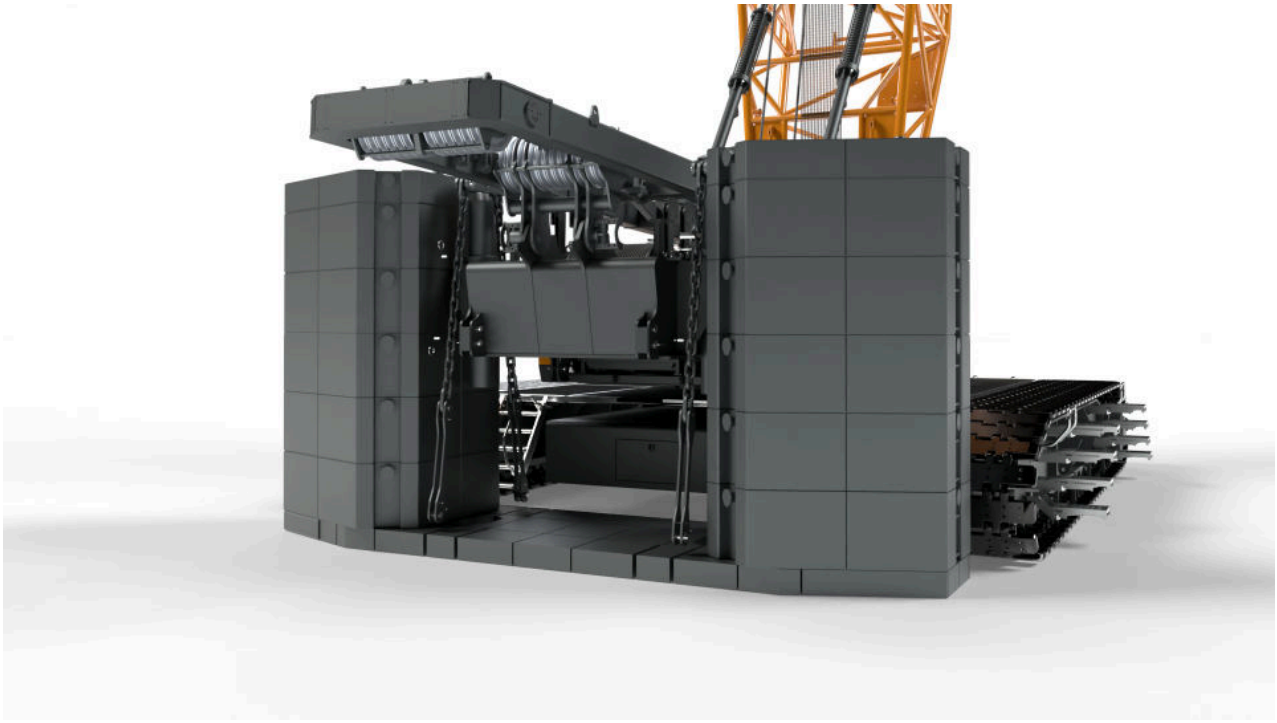
- Air-suspended operator seat
- Electric-hydraulic joysticks
- Climate control, heated front window
- Touch-screen Safe Load System
- 360° camera array (winch + load + perimeter)
- CRANEINFO operating-data logger
- Roof-protection screen, FOPS rated

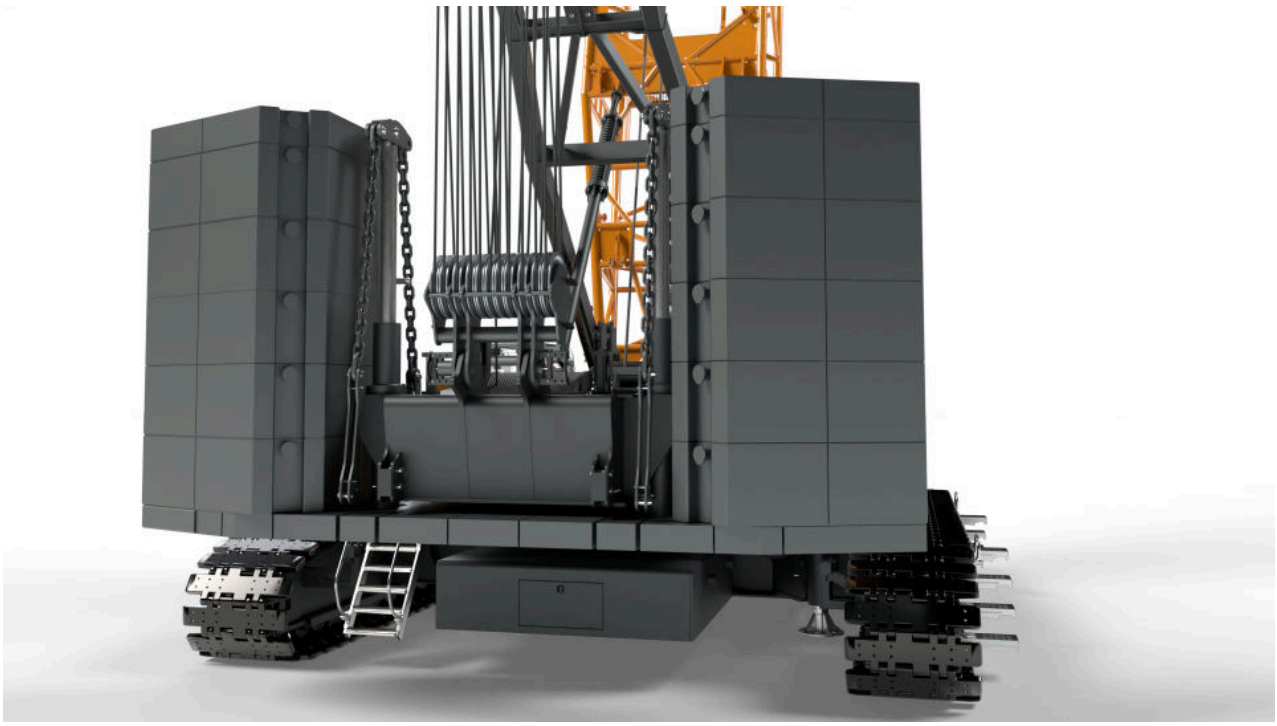
# COUNTERWEIGHT SYSTEM

Self-erecting rear stack · integrated carbody weights

## Counterweight package

| | | | |
|---|---|---|---|
| Base plate (with cylinders) | **33,000 lbs** | Carbody — front mounted | **44,000 lbs** |
| Wing weight × 12 pcs | **20,900 lbs each** | Carbody — rear mounted | **44,000 lbs** |
| Total rear counterweight | **283,800 lbs** | Toolboxes (carbody) | **Both · lockable** |





# MAIN BOOM SYSTEM

65 – 302 ft · pinned lattice with integrated stack system

The CC330-1 main boom is a pinned lattice system that builds from a 31 ft foot, a 33 ft tip and a choice of 10 ft, 20 ft and 30 ft insert sections. Each section carries its own pendant bars in a 1:1 mapping and includes integrated boom-pin storage so the assembly hardware never travels loose. The boom-stack system on every section lets crews stack sections directly on each other during assembly without timber dunnage.

## Boom assembly

Booms 120 ft and shorter use one heavy 30 ft section (B30S) directly above the boom foot. Booms of 130 ft and longer use two heavy 30 ft sections, always seated first, with the normal sections stacked above. The exact heavy-section count for each main-boom length is given in the operator's manual.

### Main-boom sections

| | |
|---|---|
| Main-boom range | **65 – 302 ft** |
| Boom foot | **31.0 ft** |
| Boom tip | **33.0 ft** |
| Insert, 10 ft (B10) | **10 ft** |
| Insert, 20 ft (B20) | **20 ft** |
| Insert, 30 ft heavy (B30S) | **30 ft** |
| Insert, 30 ft (B30) | **30 ft** |
| Insert, 40 ft | **40 ft** |

# JIB CONFIGURATIONS

Available jib types and boom + jib combinations

## FIXED JIB

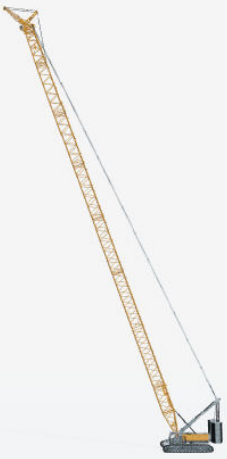
**39 – 118 ft**

Fixed-angle jib for extra reach when the main boom stays near vertical.

## LUFFING JIB

**69 – 236 ft**

Fully luffing jib for confined-radius work at height. Requires the heavy 2× B30S main-boom configuration from 120 ft main boom.



## WIND JIB

**20 ft (heavy duty)**

Short heavy-duty wind jib for tip-up and nacelle work. Pins directly to the boom tip.

## AUXILIARY JIB

**5 ft · 44 US ton (40 t) max.**

Two-sheave aux jib for whip-line picks alongside the main hoist line.

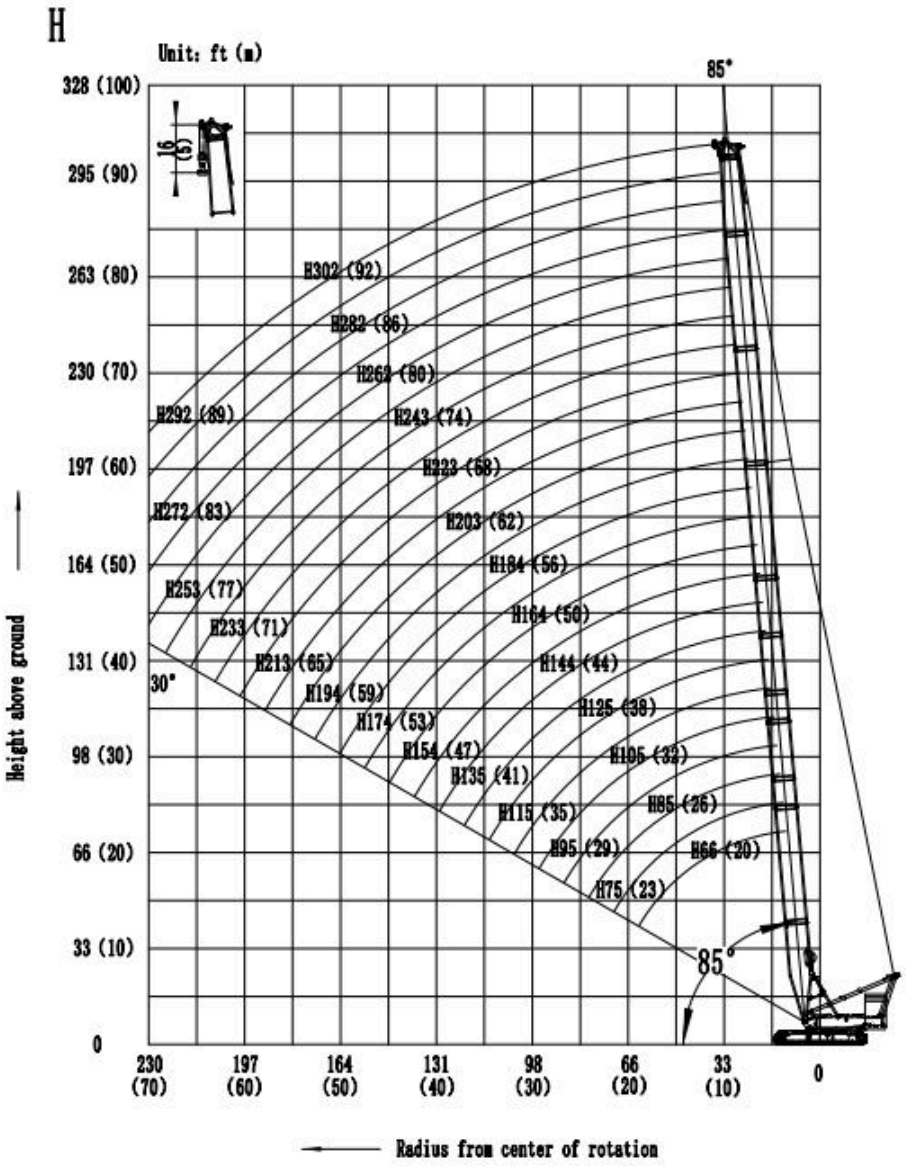
*Actual lifting capacity depends on radius and counterweight. Consult the rating manual.*

### Boom + jib combinations

| | |
|---|---|
| Main boom only | **65 – 302 ft** |
| Main boom + fixed jib | **Main 65 – 200 ft · jib 39 – 118 ft** |
| Main boom + luffing jib | **Main 65 – 200 ft · jib 69 – 236 ft** |
| Main boom + wind jib | **Main 65 – 200 ft · wind jib 20 ft** |
| Main boom + aux jib (whip) | **Main 65 – 302 ft · aux 5 ft** |

# MAIN BOOM

Main boom 30°–82°, 66–253 ft | CW 284+88 klbs




## Boom configuration

| Section | 70 ft | 80 ft | 100 ft | 100 ft | 120 ft | 120 ft | 120 ft | 130 ft | 140 ft | 150 ft | 160 ft | 170 ft | 180 ft | 190 ft | 200 ft | 210 ft | 220 ft | 230 ft | 240 ft | 250 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boom foot | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 10 ft insert | | | | 1 | | 1 | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| 20 ft insert | | | 1 | 1 | | | | 1 | 1 | | | 1 | 1 | | | 1 | 1 | | | 1 |
| 40 ft insert | | | | | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| Boom head | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

# MAIN BOOM — LOAD CAPACITIES

Main boom 30°–82°, 66–253 ft | CW 284+88 klbs

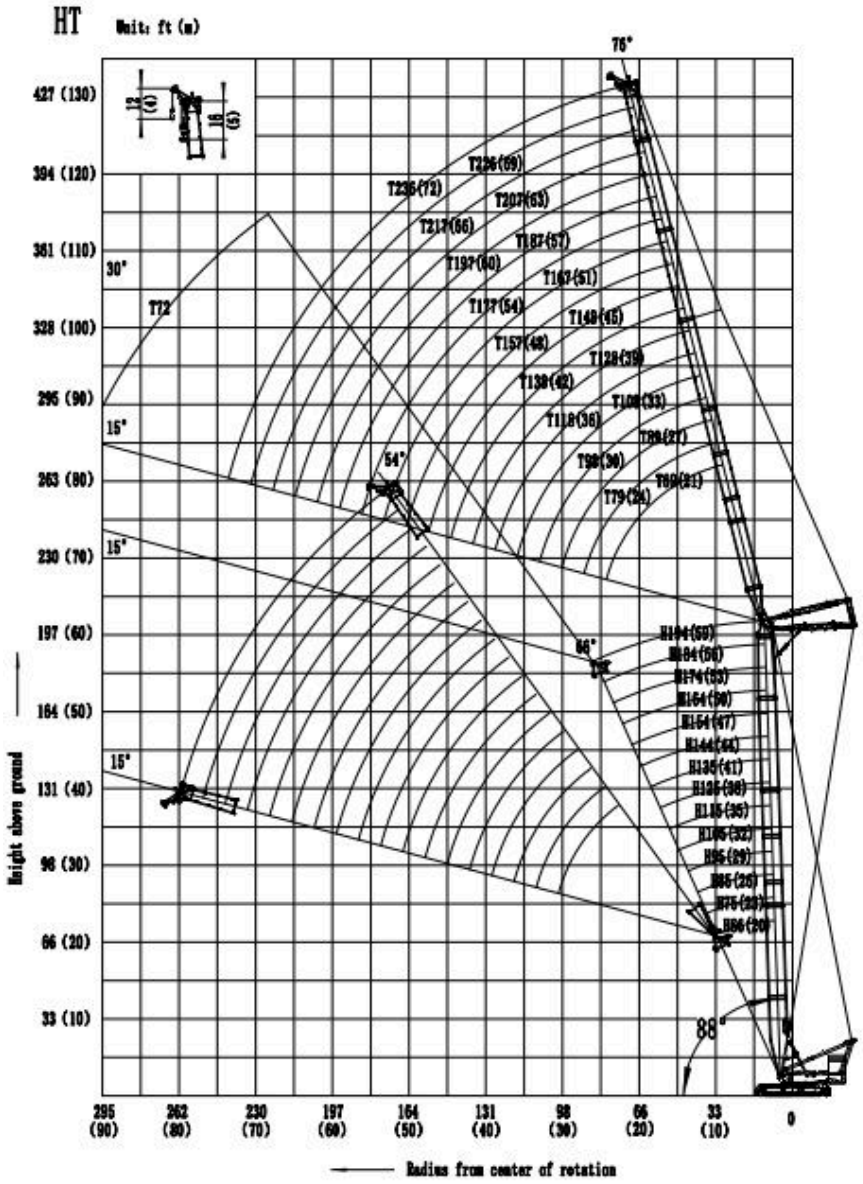
## Lifting capacity (lbs × 1,000) by working radius

| Radius (ft) | 66 ft | 75 ft | 118 ft | 95 ft | 105 ft | 115 ft | 125 ft | 134 ft | 144 ft | 154 ft | 164 ft | 174 ft | 184 ft | 194 ft | 203 ft | 213 ft | 223 ft | 233 ft | 243 ft | 253 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16.4 | 660 | 654.3 | | | | | | | | | | | | | | | | | | |
| 19.7 | 583 | 578.4 | 569.4 | 556.7 | 544.1 | 531.3 | | | | | | | | | | | | | | |
| 23.0 | 506 | 506.4 | 501.2 | 489.4 | 477.6 | 467.9 | 458.3 | 448.8 | 439.3 | 425 | | | | | | | | | | |
| 26.2 | 436.7 | 436.3 | 435.6 | 430 | 424.4 | 416.6 | 408.8 | 402.5 | 396.2 | 385.2 | 374.2 | 366.9 | 359.5 | 341.4 | | | | | | |
| 29.5 | 385 | 384.1 | 382.6 | 381.5 | 380.4 | 375.1 | 369.8 | 363.1 | 356.4 | 349.5 | 342.5 | 334.3 | 326 | 317.7 | 309.3 | 298.3 | 292.2 | 284.9 | | |
| 32.8 | 357.1 | 356.4 | 356 | 351.9 | 347.8 | 343.2 | 338.6 | 330.9 | 323.2 | 317.6 | 312 | 305.4 | 298.8 | 291.8 | 284.9 | 276.2 | 267.5 | 257.5 | 247.5 | 237.3 |
| 39.4 | 303.3 | 302.9 | 298.5 | 296.5 | 294.4 | 288.8 | 283.1 | 279.5 | 275.9 | 271.4 | 266.9 | 259.6 | 252.3 | 247.2 | 242.1 | 236.2 | 230.3 | 224.2 | 218 | 211.4 |
| 45.9 | 247.5 | 248.2 | 247.1 | 246.4 | 245.7 | 245.5 | 245.3 | 240.8 | 236.3 | 232.9 | 229.5 | 225.4 | 221.3 | 215.7 | 210.1 | 204.2 | 198.2 | 192.9 | 187.7 | 184.5 |
| 52.5 | 205 | 205.5 | 205.7 | 205.3 | 204.8 | 204.4 | 203.9 | 203.7 | 203.5 | 201.4 | 199.3 | 195.9 | 192.5 | 188.7 | 184.9 | 180.6 | 176.2 | 170.4 | 164.6 | 162 |
| 59.0 | 173.8 | 174.7 | 174.7 | 174.2 | 173.8 | 173.3 | 172.7 | 172.5 | 172.3 | 171.2 | 170.3 | 170 | 169.4 | 169 | 168.5 | 164.3 | 160.2 | 152.2 | 144.3 | 141.9 |
| 65.6 | | 150.9 | 151.1 | 150.9 | 150.7 | 150.5 | 150.3 | 150 | 149.8 | 149.3 | 148.7 | 148.1 | 147.8 | 146.9 | 145.9 | 142.3 | 138.8 | 135.9 | 132.9 | 130.5 |
| 72.2 | | 132.4 | 132.7 | 132.4 | 132.2 | 131.9 | 131.6 | 131.3 | 131.1 | 130.7 | 130 | 129.4 | 129.6 | 128.9 | 128.3 | 127.6 | 127.4 | 125.8 | 124.3 | 121.9 |
| 78.7 | | | 117.7 | 117.3 | 116.8 | 116.8 | 116.8 | 116.6 | 116.4 | 115.7 | 115.1 | 114.4 | 114.6 | 113.7 | 113.1 | 112.4 | 112.2 | 110.8 | 109.3 | 106.9 |
| 85.3 | | | | 105.4 | 105.2 | 105.1 | 104.9 | 104.3 | 104.1 | 103.4 | 102.7 | 102.3 | 102.1 | 101.4 | 100.8 | 100.1 | 99.9 | 99.2 | 98.6 | 97.5 |
| 91.8 | | | | | 95.3 | 94.8 | 94.6 | 93.9 | 93.7 | 93.1 | 92.4 | 92 | 91.7 | 91.1 | 90.4 | 89.8 | 89.5 | 88.8 | 88 | 87.2 |
| 98.4 | | | | | 86.5 | 86.1 | 85.8 | 85.1 | 84.9 | 84.3 | 83.6 | 83.2 | 82.9 | 82.3 | 81.6 | 80.7 | 80.7 | 80 | 79.2 | 78.3 |
| 111.5 | | | | | | | 71.7 | 71.1 | 70.8 | 70.2 | 69.5 | 69.1 | 68.9 | 68.1 | 67.3 | 66.7 | 66.4 | 65.7 | 64.9 | 64.2 |
| 124.6 | | | | | | | | | 59.8 | 59.2 | 58.5 | 58.1 | 58.1 | 57.2 | 56.5 | 55.7 | 55.7 | 54.8 | 54.1 | 53.2 |
| 137.8 | | | | | | | | | | 50.6 | 49.9 | 49.5 | 49.3 | 48.5 | 47.7 | 47.1 | 46.9 | 46.1 | 45.3 | 44.7 |
| 150.9 | | | | | | | | | | | | 42.5 | 42.2 | 41.5 | 40.7 | 40.3 | 39.8 | 39.1 | 38.3 | 37.4 |
| 164.0 | | | | | | | | | | | | | 36.5 | 35.6 | 35 | 34.1 | 34.1 | 33.2 | 32.6 | 31.7 |
| 177.1 | | | | | | | | | | | | | | | 29.9 | 29.3 | 29 | 28.3 | 27.5 | 26.6 |
| 190.2 | | | | | | | | | | | | | | | | 25.1 | 24.9 | 24.1 | 23.3 | 22.4 |
| 203.4 | | | | | | | | | | | | | | | | | | 20.5 | 19.6 | 18.9 |
| 216.5 | | | | | | | | | | | | | | | | | | | 16.5 | 15.6 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB

Main boom + luffing jib | CW 284+88 klbs




## Boom configuration

| Section | 70 ft | 80 ft | 90 ft | 100 ft | 100 ft | 110 ft | 120 ft | 130 ft | 140 ft | 150 ft | 160 ft | 170 ft | 180 ft | 190 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boom foot | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 10 ft insert | | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| 20 ft insert | | | | 1 | 1 | | | 1 | 1 | | | 1 | 1 | |
| 40 ft insert | | | | | | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 |
| Boom head | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

### Load capacities with 66 ft main boom 88°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.5 | 253 | | | | | | | | | | | | | | | | | |
| 32.8 | 238.7 | 233.9 | | | | | | | | | | | | | | | | |
| 39.4 | 224.4 | 220.4 | 214.1 | 208.6 | 198.4 | | | | | | | | | | | | | |
| 45.9 | 207.2 | 202.8 | 198 | 193 | 188.4 | 180.2 | 174.9 | | | | | | | | | | | |
| 52.5 | 186.2 | 183 | 179.9 | 176.6 | 173.4 | 169.9 | 166.6 | 163.6 | 158 | 150.7 | | | | | | | | |
| 59.0 | 163.6 | 162.4 | 160.1 | 157.8 | 155.3 | 153 | 150.5 | 148.2 | 145.7 | 143.4 | 139.5 | 134.4 | | | | | | |
| 65.6 | 143 | 140.7 | 138.4 | 136.1 | 133.6 | 131.3 | 128.8 | 126.5 | 124.9 | 122.8 | 121.1 | 119.5 | 117.6 | 112.9 | 109.1 | | | |
| 72.2 | 129.8 | 127.2 | 125.6 | 124 | 122.4 | 120.8 | 119.3 | 117.7 | 116.1 | 114.5 | 112.9 | 111.3 | 109.8 | 108.2 | 106.6 | 104.3 | 101.4 | 98.3 |
| 78.7 | | 109.5 | 108 | 106.5 | 104.9 | 103.4 | 101.9 | 100.3 | 98.8 | 97.2 | 95.7 | 94.2 | 92.6 | 91.1 | 89.5 | 88 | 86.5 | 84.7 |
| 85.3 | | 102 | 101.1 | 99.5 | 98 | 96.5 | 94.9 | 93.4 | 91.9 | 90.3 | 88.8 | 87.2 | 85.7 | 84.2 | 82.6 | 81.1 | 79.2 | 76.3 |
| 91.8 | | | 95.1 | 93.8 | 92.4 | 91.1 | 89.7 | 88.4 | 87 | 85.7 | 84.4 | 83 | 81.7 | 80.3 | 79 | 77.6 | 76.3 | 74.9 |
| 98.4 | | | | 84.7 | 83.6 | 82.4 | 81.3 | 80.1 | 79 | 77.8 | 76.7 | 75.5 | 74.4 | 73.2 | 72.1 | 70.9 | 69.7 | 68.6 |
| 111.5 | | | | | 72.7 | 71.9 | 71.3 | 71.1 | 70.7 | 69.7 | 68.8 | 67.8 | 66.9 | 65.9 | 64.9 | 64 | 63 | 62.1 |
| 124.6 | | | | | | | 62.4 | 62 | 61.6 | 61.2 | 60.7 | 59.9 | 59.2 | 58.4 | 57.6 | 56.9 | 56.1 | 55.3 |
| 137.8 | | | | | | | | 53.9 | 53.5 | 53.1 | 52.7 | 52.7 | 52.4 | 51.9 | 51.3 | 50.7 | 50.1 | 49.6 |
| 150.9 | | | | | | | | | 42.5 | 42.1 | 41.7 | 41.5 | 41.1 | 40.5 | 40.1 | 39.8 | 39.4 | 38.8 |
| 164.0 | | | | | | | | | | | 37.6 | 37.5 | 37.1 | 36.5 | 36.1 | 35.7 | 35.3 | 34.8 |
| 177.1 | | | | | | | | | | | | 34.6 | 34.2 | 33.6 | 33.2 | 32.8 | 32.5 | 31.9 |
| 190.2 | | | | | | | | | | | | | | 29.8 | 29.4 | 29 | 28.6 | 28 |
| 203.4 | | | | | | | | | | | | | | | 26.1 | 25.7 | 25.3 | 24.8 |
| 216.5 | | | | | | | | | | | | | | | | 23 | 22.7 | 22.1 |
| 229.6 | | | | | | | | | | | | | | | | | | 19.4 |

### Load capacities with 75 ft main boom 88°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32.8 | 237.2 | 232.3 | | | | | | | | | | | | | | | | |
| 39.4 | 223.3 | 219.6 | 213.1 | 205.5 | | | | | | | | | | | | | | |
| 45.9 | 205.1 | 200.7 | 195.9 | 190.9 | 186.2 | 179.5 | 173.1 | | | | | | | | | | | |
| 52.5 | 182.6 | 180.9 | 178.4 | 175.1 | 171.8 | 168.4 | 165.1 | 159.9 | 154.2 | 149.2 | | | | | | | | |
| 59.0 | 159.9 | 158.4 | 156.1 | 153.8 | 151.3 | 148.9 | 146.4 | 144.1 | 141.6 | 139.3 | 134.4 | 129.4 | | | | | | |
| 65.6 | 141.5 | 137.4 | 135.1 | 133.6 | 132.2 | 130.1 | 128 | 125.9 | 123.8 | 121.7 | 119.5 | 118 | 115.5 | 113.3 | 111.3 | | | |
| 72.2 | 128.6 | 125.6 | 124 | 122.4 | 120.8 | 119.3 | 117.7 | 116.1 | 114.5 | 112.9 | 111.3 | 109.8 | 108.2 | 106.6 | 105 | 103 | 100.8 | 98.3 |
| 78.7 | | 108.4 | 106.8 | 105.3 | 103.8 | 102.2 | 100.7 | 99.2 | 97.6 | 96.1 | 94.5 | 93 | 91.5 | 89.9 | 88.4 | 86.9 | 85.3 | 83.6 |
| 85.3 | | 101.5 | 99.9 | 98.4 | 96.9 | 95.3 | 93.8 | 92.2 | 90.7 | 89.2 | 87.6 | 86.1 | 84.6 | 83 | 81.5 | 79.9 | 78 | 75.3 |
| 91.8 | | | 94 | 92.6 | 91.3 | 89.9 | 88.6 | 87.2 | 85.9 | 84.6 | 83.2 | 81.9 | 80.5 | 79.2 | 77.8 | 76.5 | 75.1 | 73.8 |
| 98.4 | | | | 83.6 | 82.4 | 81.3 | 80.1 | 79 | 77.8 | 76.7 | 75.5 | 74.4 | 73.2 | 72.1 | 70.9 | 69.7 | 68.6 | 67.4 |
| 111.5 | | | | | 72.3 | 71.5 | 71 | 70.2 | 69.7 | 68.8 | 67.8 | 66.9 | 65.9 | 64.9 | 64 | 63 | 62.1 | 61.1 |
| 124.6 | | | | | | | 62 | 61.8 | 61.5 | 60.7 | 59.9 | 59.2 | 58.4 | 57.6 | 56.9 | 56.1 | 55.3 | 54.6 |
| 137.8 | | | | | | | | 53.5 | 53.1 | 52.7 | 52.5 | 52.1 | 51.9 | 51.3 | 50.7 | 50.1 | 49.6 | 49 |
| 150.9 | | | | | | | | | 42.1 | 41.7 | 41.3 | 40.9 | 40.5 | 40.1 | 39.8 | 39.4 | 39 | 38.6 |
| 164.0 | | | | | | | | | | | 37.3 | 36.9 | 36.5 | 36.1 | 35.7 | 35.3 | 35 | 34.6 |
| 177.1 | | | | | | | | | | | | 34 | 33.6 | 33.2 | 32.8 | 32.5 | 32.1 | 31.7 |
| 190.2 | | | | | | | | | | | | | 29.8 | 29.4 | 29 | 28.6 | 28.2 | 27.8 |
| 203.4 | | | | | | | | | | | | | | | 25.7 | 25.3 | 25 | 24.6 |
| 216.5 | | | | | | | | | | | | | | | | 22.7 | 22.3 | 21.9 |
| 229.6 | | | | | | | | | | | | | | | | | | 19.4 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

### Load capacities with 85 ft main boom 88°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32.8 | 231.9 | 228.1 | | | | | | | | | | | | | | | | |
| 39.4 | 214.9 | 211.4 | 207.5 | 201.3 | | | | | | | | | | | | | | |
| 45.9 | 202.6 | 198.2 | 193.4 | 188.4 | 183.7 | 177.1 | 170.7 | | | | | | | | | | | |
| 52.5 | 179.3 | 177.6 | 175.1 | 171.8 | 168.6 | 165.1 | 161.8 | 157.3 | 151.6 | 146.5 | | | | | | | | |
| 59.0 | 156.3 | 154.3 | 152 | 149.7 | 147.2 | 144.9 | 142.4 | 140.1 | 137.6 | 135.3 | 132.4 | 127.4 | | | | | | |
| 65.6 | 139.9 | 135.5 | 133.4 | 132.6 | 131.3 | 129.1 | 127 | 124.9 | 122.8 | 120.7 | 118.6 | 117 | 114.2 | 111.8 | 109.6 | | | |
| 72.2 | 127.2 | 124.6 | 123 | 121.4 | 119.9 | 118.3 | 116.7 | 115.1 | 113.5 | 111.9 | 110.4 | 108.8 | 107.2 | 105.6 | 103.6 | 101.6 | 99.2 | 96.6 |
| 78.7 | | 108 | 106.3 | 104.7 | 103 | 101.3 | 99.5 | 97.8 | 96.5 | 94.9 | 93.4 | 91.7 | 89.9 | 88.2 | 86.7 | 85.1 | 83.3 | 81.2 |
| 85.3 | | 100.5 | 99 | 97.4 | 95.9 | 94.4 | 92.8 | 91.3 | 89.7 | 88.2 | 86.7 | 85.1 | 83.6 | 82.1 | 80.5 | 79 | 77.1 | 74.8 |
| 91.8 | | | 92.6 | 91.3 | 89.9 | 88.6 | 87.2 | 85.9 | 84.6 | 83.2 | 81.9 | 80.5 | 79.2 | 77.8 | 76.5 | 75.1 | 73.8 | 72.4 |
| 98.4 | | | | 82.6 | 81.5 | 80.3 | 79.2 | 78 | 76.9 | 75.7 | 74.6 | 73.4 | 72.2 | 71.1 | 69.9 | 68.8 | 67.6 | 66.5 |
| 111.5 | | | | | 71.3 | 70.8 | 70.2 | 69.6 | 69 | 68 | 67.1 | 66.1 | 65.1 | 64.2 | 63.2 | 62.3 | 61.3 | 58.1 |
| 124.6 | | | | | | | 61.6 | 60.1 | 59.7 | 59.3 | 58.9 | 58.4 | 57.6 | 56.9 | 56.1 | 55.3 | 54.6 | 53.8 |
| 137.8 | | | | | | | | 53.3 | 53.1 | 52.7 | 52.3 | 51.9 | 51.3 | 50.7 | 50.1 | 49.6 | 49 | 48.4 |
| 150.9 | | | | | | | | | 41.9 | 41.5 | 41.1 | 40.7 | 40.3 | 40 | 39.6 | 39.2 | 38.8 | 38.4 |
| 164.0 | | | | | | | | | | | 37.3 | 36.9 | 36.5 | 36.1 | 35.7 | 35.3 | 35 | 34.6 |
| 177.1 | | | | | | | | | | | | 33.8 | 33.4 | 33 | 32.6 | 32.3 | 31.9 | 31.5 |
| 190.2 | | | | | | | | | | | | | 29.8 | 29.4 | 29 | 28.6 | 28.2 | 27.8 |
| 203.4 | | | | | | | | | | | | | | | 25.7 | 25.3 | 25 | 24.6 |
| 216.5 | | | | | | | | | | | | | | | | 22.5 | 22.1 | 21.7 |
| 229.6 | | | | | | | | | | | | | | | | | | 19.2 |

### Load capacities with 95 ft main boom 88°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32.8 | 226.6 | 222.9 | | | | | | | | | | | | | | | | |
| 39.4 | 209.9 | 208 | 204.6 | 198.2 | | | | | | | | | | | | | | |
| 45.9 | 199.7 | 195.3 | 190.5 | 185.5 | 180.9 | 173.1 | 166.8 | | | | | | | | | | | |
| 52.5 | 175.5 | 173 | 171.1 | 167.8 | 164.5 | 161.1 | 157.8 | 153.3 | 147.6 | 142.6 | | | | | | | | |
| 59.0 | 152.8 | 150.5 | 148.2 | 145.9 | 143.4 | 141.1 | 138.6 | 136.3 | 133.8 | 131.8 | 128.7 | 125 | | | | | | |
| 65.6 | 138.2 | 133.8 | 131.6 | 130.9 | 129.5 | 127.4 | 125.3 | 123.2 | 121.1 | 119 | 116.8 | 115.3 | 112.6 | 108.5 | 106.7 | | | |
| 72.2 | 125.8 | 123.2 | 121.6 | 120.1 | 118.5 | 116.9 | 115.3 | 113.7 | 112.1 | 110.6 | 109 | 107.4 | 105.8 | 104.2 | 101.9 | 100.8 | 98.3 | 95.9 |
| 78.7 | | 108 | 106.3 | 104.7 | 103 | 101.3 | 99.5 | 97.8 | 96.5 | 94.9 | 93.4 | 91.7 | 89.9 | 88.2 | 86.7 | 84.7 | 82.5 | 80.1 |
| 85.3 | | 99.7 | 98.2 | 96.7 | 95.1 | 93.6 | 92 | 90.5 | 89 | 87.4 | 85.9 | 84.4 | 82.8 | 81.3 | 79.7 | 78.2 | 76.3 | 74.6 |
| 91.8 | | | 91.5 | 90.1 | 88.8 | 87.4 | 86.1 | 84.7 | 83.4 | 82.1 | 80.7 | 79.4 | 78 | 76.7 | 75.3 | 74 | 72.6 | 71.3 |
| 98.4 | | | | 81.5 | 80.3 | 79.2 | 78 | 76.9 | 75.7 | 74.6 | 73.4 | 72.2 | 71.1 | 69.9 | 68.8 | 67.6 | 66.5 | 65.3 |
| 111.5 | | | | | 70.6 | 70 | 69.4 | 68.8 | 68 | 67.1 | 66.1 | 65.1 | 64.2 | 63.2 | 62.3 | 61.3 | 60.3 | 59.4 |
| 124.6 | | | | | | 61.6 | 60.7 | 59.9 | 59.5 | 59.1 | 58.4 | 57.6 | 56.9 | 56.1 | 55.3 | 54.6 | 53.8 | 53 |
| 137.8 | | | | | | | | 53.1 | 52.7 | 52.5 | 52.1 | 51.5 | 50.9 | 50.3 | 49.8 | 49.2 | 48.6 | 48 |
| 150.9 | | | | | | | | | 41.9 | 41.5 | 41.1 | 40.7 | 40.3 | 40 | 39.6 | 39.2 | 38.8 | 38.4 |
| 164.0 | | | | | | | | | | | 37.1 | 36.7 | 36.3 | 35.9 | 35.5 | 35.1 | 34.8 | 34.4 |
| 177.1 | | | | | | | | | | | | 33.6 | 33.2 | 32.8 | 32.5 | 32.1 | 31.7 | 31.3 |
| 190.2 | | | | | | | | | | | | | 29.6 | 29.2 | 28.8 | 28.4 | 28 | 27.6 |
| 203.4 | | | | | | | | | | | | | | | 25.5 | 25.2 | 24.8 | 24.4 |
| 216.5 | | | | | | | | | | | | | | | | 22.5 | 22.1 | 21.7 |
| 229.6 | | | | | | | | | | | | | | | | | | 19.2 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

### Load capacities with 105 ft main boom 88°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32.8 | 221.8 | | | | | | | | | | | | | | | | | |
| 39.4 | 207.4 | 202.6 | 198.9 | 192.7 | | | | | | | | | | | | | | |
| 45.9 | 196.6 | 192.2 | 187.4 | 182.4 | 179.7 | 171.4 | 165 | | | | | | | | | | | |
| 52.5 | 172.4 | 169.5 | 169.1 | 165.9 | 162.6 | 159.1 | 155.9 | 151.4 | 146.3 | | | | | | | | | |
| 59.0 | 151.6 | 149.3 | 147 | 144.7 | 142.2 | 139.9 | 137.4 | 135.1 | 132.6 | 128.7 | 126.1 | 122.1 | | | | | | |
| 65.6 | 136.6 | 131.3 | 129.1 | 128.4 | 127 | 124.9 | 122.8 | 120.7 | 118.6 | 116.5 | 114.3 | 112.6 | 109.8 | 106.3 | 104.3 | | | |
| 72.2 | 124.4 | 122 | 120.5 | 118.9 | 117.3 | 115.7 | 114.1 | 112.5 | 110.9 | 109.4 | 107.8 | 106.2 | 104.6 | 103 | 101 | 98.6 | 96.1 | |
| 78.7 | | 106.6 | 105 | 103.4 | 101.8 | 100.2 | 98.6 | 97 | 95.6 | 94.1 | 92.5 | 90.9 | 89.3 | 87.7 | 86.2 | 84.3 | 81.4 | 79 |
| 85.3 | | 98.8 | 97.2 | 95.7 | 94.2 | 92.6 | 91.1 | 89.5 | 88 | 86.5 | 84.9 | 83.4 | 81.9 | 80.3 | 78.8 | 77.2 | 75.3 | 72.8 |
| 91.8 | | | 89.9 | 88.6 | 87.2 | 85.9 | 84.6 | 83.2 | 81.9 | 80.5 | 79.2 | 77.8 | 76.5 | 75.1 | 73.8 | 72.4 | 71.1 | 69.7 |
| 98.4 | | | | 80.3 | 79.2 | 78 | 76.9 | 75.7 | 74.6 | 73.4 | 72.2 | 71.1 | 69.9 | 68.8 | 67.6 | 66.5 | 65.3 | 64.2 |
| 111.5 | | | | | 69.6 | 69 | 68.2 | 68.2 | 67.2 | 66.3 | 65.3 | 64.4 | 63.4 | 62.4 | 61.5 | 60.5 | 59.6 | 58.6 |
| 124.6 | | | | | | 61.5 | 60.7 | 59.9 | 59.2 | 58.4 | 57.6 | 56.9 | 56.1 | 55.3 | 54.6 | 53.8 | 53 | 52.3 |
| 137.8 | | | | | | | | 53.2 | 52.6 | 52.1 | 51.5 | 50.9 | 50.3 | 49.8 | 49.2 | 48.6 | 48 | 47.4 |
| 150.9 | | | | | | | | | 41.7 | 41.3 | 40.9 | 40.5 | 40.1 | 39.8 | 39.4 | 39 | 38.6 | 38.2 |
| 164.0 | | | | | | | | | | | 36.9 | 36.5 | 36.1 | 35.7 | 35.3 | 35 | 34.6 | 34.2 |
| 177.1 | | | | | | | | | | | | 33.6 | 33.2 | 32.8 | 32.5 | 32.1 | 31.7 | 31.3 |
| 190.2 | | | | | | | | | | | | | 29.4 | 29 | 28.6 | 28.2 | 27.8 | 27.5 |
| 203.4 | | | | | | | | | | | | | | | 25.5 | 25.2 | 24.8 | 24.4 |
| 216.5 | | | | | | | | | | | | | | | | 22.3 | 21.9 | 21.5 |
| 229.6 | | | | | | | | | | | | | | | | | | 19 |

### Load capacities with 115 ft main boom 88°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32.8 | 216 | | | | | | | | | | | | | | | | | |
| 39.4 | 203 | 192.5 | 187.9 | | | | | | | | | | | | | | | |
| 45.9 | 187.3 | 183 | 178.4 | 173.5 | 166.1 | 158.8 | | | | | | | | | | | | |
| 52.5 | 170.9 | 163.2 | 161.3 | 158 | 154.7 | 151.3 | 148.1 | 144.8 | 140.4 | | | | | | | | | |
| 59.0 | 149.1 | 144.8 | 142.5 | 140.3 | 137.9 | 135.6 | 133.3 | 131 | 128.6 | 126.7 | 124.5 | 121.2 | | | | | | |
| 65.6 | 134.9 | 129.7 | 127.6 | 126.8 | 125.5 | 123.4 | 121.3 | 119.2 | 117 | 114.9 | 112.8 | 110.9 | 108.5 | 105.6 | | | | |
| 72.2 | 122.8 | 120.5 | 118.9 | 117.3 | 115.7 | 114.1 | 112.5 | 110.9 | 109.4 | 107.8 | 106.2 | 104.6 | 103 | 101.4 | 98.8 | 95.9 | 93.1 | |
| 78.7 | | 106.6 | 105 | 103.4 | 101.8 | 100.2 | 98.6 | 97 | 95.6 | 94.1 | 92.5 | 90.9 | 89.3 | 87.7 | 86.2 | 83.4 | 80.7 | 78.1 |
| 85.3 | | 97.8 | 96.3 | 94.7 | 93.2 | 91.7 | 90.1 | 88.6 | 87 | 85.5 | 84 | 82.4 | 80.9 | 79.4 | 77.8 | 76.3 | 74.7 | 72.6 |
| 91.8 | | | 88.6 | 87.2 | 85.9 | 84.6 | 83.2 | 81.9 | 80.5 | 79.2 | 77.8 | 76.5 | 75.1 | 73.8 | 72.4 | 71.1 | 69.7 | 68.4 |
| 98.4 | | | | 79.2 | 78 | 76.9 | 75.7 | 74.6 | 73.4 | 72.2 | 71.1 | 69.9 | 68.8 | 67.6 | 66.5 | 65.3 | 64.2 | 63 |
| 111.5 | | | | | 68.8 | 68.2 | 67.6 | 67.1 | 66.1 | 65.1 | 64.2 | 63.2 | 62.3 | 61.3 | 60.3 | 59.4 | 58.4 | 57.4 |
| 124.6 | | | | | | 60.7 | 59.9 | 59.2 | 58.4 | 57.6 | 56.9 | 56.1 | 55.3 | 54.6 | 53.8 | 53 | 52.3 | 51.5 |
| 137.8 | | | | | | | | 52.6 | 52.1 | 51.5 | 50.9 | 50.3 | 49.8 | 49.2 | 48.6 | 48 | 47.4 | 46.9 |
| 150.9 | | | | | | | | | 41.5 | 41.1 | 40.7 | 40.3 | 40 | 39.6 | 39.2 | 38.8 | 38.4 | 38 |
| 164.0 | | | | | | | | | | | 36.7 | 36.3 | 35.9 | 35.5 | 35.1 | 34.8 | 34.4 | 34 |
| 177.1 | | | | | | | | | | | | 33.4 | 33 | 32.6 | 32.3 | 31.9 | 31.5 | 31.1 |
| 190.2 | | | | | | | | | | | | | 29.4 | 29 | 28.6 | 28.2 | 27.8 | 27.5 |
| 203.4 | | | | | | | | | | | | | | | 25.5 | 25.2 | 24.8 | 24.4 |
| 216.5 | | | | | | | | | | | | | | | | 22.3 | 21.9 | 21.5 |
| 229.6 | | | | | | | | | | | | | | | | | 19.4 | 19 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

### Load capacities with 125 ft main boom 88°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32.8 | 208.3 | | | | | | | | | | | | | | | | | |
| 39.4 | 198 | 188.3 | 183.3 | | | | | | | | | | | | | | | |
| 45.9 | 186.2 | 181.4 | 176.6 | 171.8 | 163.2 | 154.9 | | | | | | | | | | | | |
| 52.5 | 167.4 | 160.3 | 159.9 | 156.7 | 153.5 | 150.2 | 146.7 | 143.4 | 139.5 | | | | | | | | | |
| 59.0 | 147 | 144.7 | 142.4 | 140.1 | 137.8 | 135.5 | 133.2 | 130.9 | 128.6 | 126.5 | 124.1 | 119.5 | | | | | | |
| 65.6 | 132.6 | 128.4 | 126.3 | 125.3 | 124.2 | 122 | 119.9 | 117.8 | 115.7 | 113.6 | 111.5 | 109.6 | 107.6 | 104.9 | | | | |
| 72.2 | 121.4 | 119.3 | 117.7 | 116.1 | 114.5 | 112.9 | 111.3 | 109.8 | 108.2 | 106.6 | 105 | 103.4 | 101.8 | 100.3 | 97.5 | 94.6 | 91.5 | |
| 78.7 | | 106.1 | 104.4 | 102.8 | 101.1 | 99.4 | 97.6 | 95.9 | 94.5 | 93 | 91.5 | 89.7 | 88 | 86.3 | 84.7 | 83.2 | 79.6 | 76.8 |
| 85.3 | | 96.9 | 95.3 | 93.8 | 92.2 | 90.7 | 89.2 | 87.6 | 86.1 | 84.6 | 83 | 81.5 | 79.9 | 78.4 | 76.9 | 75.3 | 73.8 | 72.2 |
| 91.8 | | | 87.6 | 86.3 | 84.9 | 83.6 | 82.2 | 80.9 | 79.6 | 78.2 | 76.9 | 75.5 | 74.2 | 72.8 | 71.5 | 70.1 | 68.8 | 67.4 |
| 98.4 | | | | 78.2 | 77.1 | 75.9 | 74.7 | 73.6 | 72.4 | 71.3 | 70.1 | 69 | 67.8 | 66.7 | 65.5 | 64.4 | 63.2 | 62.1 |
| 111.5 | | | | | 68 | 67.5 | 67.1 | 66.1 | 65.1 | 64.2 | 63.2 | 62.3 | 61.3 | 60.3 | 59.4 | 58.4 | 55.4 | 56.5 |
| 124.6 | | | | | | 59.9 | 59.2 | 58.4 | 57.6 | 56.9 | 56.1 | 55.3 | 54.6 | 53.8 | 53 | 52.3 | 49.7 | 50.7 |
| 137.8 | | | | | | | | 51.9 | 51.3 | 50.7 | 50.1 | 49.6 | 49 | 48.4 | 47.8 | 47.3 | 46.7 | 46.1 |
| 150.9 | | | | | | | | | 41.3 | 40.9 | 40.5 | 40.1 | 39.8 | 39.4 | 39 | 38.6 | 38.2 | 37.8 |
| 164.0 | | | | | | | | | | | 36.5 | 36.1 | 35.7 | 35.3 | 35 | 34.6 | 34.2 | 33.8 |
| 177.1 | | | | | | | | | | | | 33.2 | 32.8 | 32.5 | 32.1 | 31.7 | 31.3 | 30.9 |
| 190.2 | | | | | | | | | | | | | 29.2 | 28.8 | 28.4 | 28 | 27.6 | 27.3 |
| 203.4 | | | | | | | | | | | | | | | 25.2 | 24.8 | 24.4 | 24 |
| 216.5 | | | | | | | | | | | | | | | | 22.1 | 21.7 | 21.3 |
| 229.6 | | | | | | | | | | | | | | | | | 19.2 | 18.8 |

### Load capacities with 134 ft main boom 88°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32.8 | 200.6 | | | | | | | | | | | | | | | | | |
| 39.4 | 191.2 | 184.6 | 177.1 | | | | | | | | | | | | | | | |
| 45.9 | 178.4 | 172.2 | 166.1 | 162.1 | 159.5 | 154 | | | | | | | | | | | | |
| 52.5 | 164.3 | 158.8 | 156.8 | 153.6 | 150.3 | 146.8 | 144.3 | 141.9 | 138.6 | | | | | | | | | |
| 59.0 | 143.8 | 138.6 | 136.8 | 135.3 | 133.6 | 131.8 | 130.1 | 128.6 | 126.7 | 125 | 122.1 | 118.6 | | | | | | |
| 65.6 | 130.1 | 125.5 | 123.6 | 121.8 | 119.9 | 118.2 | 116.5 | 114.7 | 112.8 | 110.7 | 109.2 | 107.4 | 105.6 | 103.6 | | | | |
| 72.2 | 120.1 | 117.7 | 116.1 | 114.5 | 112.9 | 111.3 | 109.8 | 108.2 | 106.6 | 105 | 103.4 | 101.8 | 100.3 | 98.8 | 97 | 94.4 | 91.1 | |
| 78.7 | | 105.1 | 103.4 | 101.9 | 100.1 | 98.4 | 96.7 | 94.9 | 93.6 | 92 | 90.5 | 88.8 | 87 | 85.3 | 83.8 | 82.2 | 79 | 76.1 |
| 85.3 | | 95.9 | 94.4 | 92.8 | 91.3 | 89.7 | 88.2 | 86.7 | 85.1 | 83.6 | 82.1 | 80.5 | 79 | 77.4 | 75.9 | 74.4 | 72.8 | 70.5 |
| 91.8 | | | 86.3 | 84.9 | 83.6 | 82.2 | 80.9 | 79.6 | 78.2 | 76.9 | 75.5 | 74.2 | 72.8 | 71.5 | 70.1 | 68.8 | 67.4 | 66.1 |
| 98.4 | | | | 77.1 | 75.9 | 74.7 | 73.6 | 72.4 | 71.3 | 70.1 | 69 | 67.8 | 66.7 | 65.5 | 64.4 | 63.2 | 62.1 | 60.9 |
| 111.5 | | | | | 67.4 | 66.6 | 66.1 | 65.1 | 64.2 | 63.2 | 62.3 | 61.3 | 60.3 | 59.4 | 58.4 | 57.4 | 54.3 | 55.5 |
| 124.6 | | | | | | 59.2 | 58.4 | 57.6 | 56.9 | 56.1 | 55.3 | 54.6 | 53.8 | 53 | 52.3 | 51.5 | 48.6 | 49.9 |
| 137.8 | | | | | | | | 51.5 | 50.9 | 50.3 | 49.8 | 49.2 | 48.6 | 48 | 47.4 | 46.9 | 46.3 | 45.7 |
| 150.9 | | | | | | | | | 41.1 | 40.7 | 40.3 | 40 | 39.6 | 39.2 | 38.8 | 38.4 | 38 | 37.6 |
| 164.0 | | | | | | | | | | 36.7 | 36.3 | 35.9 | 35.5 | 35.1 | 34.8 | 34.4 | 34 | 33.6 |
| 177.1 | | | | | | | | | | | | 33 | 32.6 | 32.3 | 31.9 | 31.5 | 31.1 | 30.7 |
| 190.2 | | | | | | | | | | | | | 29 | 28.6 | 28.2 | 27.8 | 27.5 | 27.1 |
| 203.4 | | | | | | | | | | | | | | | 25.2 | 24.8 | 24.4 | 24 |
| 216.5 | | | | | | | | | | | | | | | | 21.9 | 21.5 | 21.1 |
| 229.6 | | | | | | | | | | | | | | | | | 19 | 18.6 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

### Load capacities with 144 ft main boom 88°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32.8 | 191.4 | | | | | | | | | | | | | | | | | |
| 39.4 | 183.9 | 180 | 174.9 | | | | | | | | | | | | | | | |
| 45.9 | 173.9 | 167.8 | 161.8 | 158 | 154.2 | 150.3 | | | | | | | | | | | | |
| 52.5 | 160.9 | 154.7 | 152.8 | 149.5 | 146.3 | 142.8 | 139.7 | 137.1 | 133.8 | | | | | | | | | |
| 59.0 | 141.5 | 137.2 | 135.5 | 134 | 132.2 | 130.5 | 128.8 | 127.2 | 125.2 | 123.2 | 121 | | | | | | | |
| 65.6 | 127.6 | 123.2 | 121.1 | 119.9 | 118.6 | 117 | 115 | 112.9 | 110.9 | 108.8 | 106.8 | 104.3 | 102.5 | 100.5 | | | | |
| 72.2 | 118.5 | 117.1 | 115.3 | 113.7 | 111.9 | 110.2 | 108.4 | 106.6 | 105.2 | 103.6 | 102 | 100.3 | 98.7 | 97.2 | 95.5 | 93.7 | 90.4 | |
| 78.7 | 104.5 | 103.8 | 102 | 100.5 | 98.8 | 97 | 95.3 | 93.6 | 92.2 | 90.7 | 89.2 | 87.4 | 85.7 | 84 | 82.4 | 80.7 | 77.9 | 75.5 |
| 85.3 | | 95.1 | 93.6 | 92 | 90.5 | 89 | 87.4 | 85.9 | 84.4 | 82.8 | 81.3 | 79.7 | 78.2 | 76.7 | 75.1 | 73.6 | 72.1 | 69.4 |
| 91.8 | | | 84.9 | 83.6 | 82.2 | 80.9 | 79.6 | 78.2 | 76.9 | 75.5 | 74.2 | 72.8 | 71.5 | 70.1 | 68.8 | 67.4 | 66.1 | 64.8 |
| 98.4 | | | | 75.9 | 74.7 | 73.6 | 72.4 | 71.3 | 70.1 | 69 | 67.8 | 66.7 | 65.5 | 64.4 | 63.2 | 62.1 | 60.9 | 57.6 |
| 111.5 | | | | | 66.8 | 66.3 | 65.3 | 64.4 | 63.4 | 62.4 | 61.5 | 60.5 | 59.6 | 58.6 | 57.6 | 56.7 | 53.5 | 50.4 |
| 124.6 | | | | | | 58.4 | 57.6 | 56.9 | 56.1 | 55.3 | 54.6 | 53.8 | 53 | 52.3 | 51.5 | 50.7 | 47.7 | 49.2 |
| 137.8 | | | | | | | | 50.9 | 50.3 | 49.8 | 49.2 | 48.6 | 48 | 47.4 | 46.9 | 46.3 | 45.7 | 45.1 |
| 150.9 | | | | | | | | | 41.1 | 40.7 | 40.3 | 40 | 39.6 | 39.2 | 38.8 | 38.4 | 38 | 37.6 |
| 164.0 | | | | | | | | | | 36.7 | 36.3 | 35.9 | 35.5 | 35.1 | 34.8 | 34.4 | 34 | 33.6 |
| 177.1 | | | | | | | | | | | | 33 | 32.6 | 32.3 | 31.9 | 31.5 | 31.1 | 30.7 |
| 190.2 | | | | | | | | | | | | | 29 | 28.6 | 28.2 | 27.8 | 27.5 | 27.1 |
| 203.4 | | | | | | | | | | | | | | | 25.2 | 24.8 | 24.4 | 24 |
| 216.5 | | | | | | | | | | | | | | | | 21.9 | 21.5 | 21.1 |
| 229.6 | | | | | | | | | | | | | | | | | 19 | 18.6 |

### Load capacities with 154 ft main boom 88°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39.4 | 178 | 173.1 | 168.1 | | | | | | | | | | | | | | | |
| 45.9 | 169.7 | 164.1 | 157.8 | 154.4 | 150.9 | 147.2 | | | | | | | | | | | | |
| 52.5 | 157.6 | 150.9 | 148.9 | 145.5 | 142.4 | 139.3 | 138.2 | 135.3 | | | | | | | | | | |
| 59.0 | 140.3 | 134.3 | 132.6 | 131.1 | 129.3 | 127.6 | 125.9 | 124.3 | 122.8 | 121.2 | 119.5 | | | | | | | |
| 65.6 | 125.3 | 122.8 | 120.9 | 119.2 | 117.2 | 115.5 | 113.8 | 112 | 110.1 | 108 | 105.6 | 103.4 | 101.6 | 99.2 | | | | |
| 72.2 | 117.1 | 114.1 | 112.3 | 110.7 | 109 | 107.2 | 105.4 | 103.6 | 102.2 | 100.7 | 99.1 | 97.3 | 95.7 | 94.2 | 92.4 | 92 | 87.8 | |
| 78.7 | 103 | 102.2 | 100.5 | 99 | 97.2 | 95.5 | 93.8 | 92 | 90.7 | 89.2 | 87.6 | 85.9 | 84.2 | 82.4 | 80.9 | 79.2 | 77.2 | 74.8 |
| 85.3 | | 93.4 | 91.9 | 90.3 | 88.8 | 87.2 | 85.7 | 84.2 | 82.6 | 81.1 | 79.6 | 78 | 76.5 | 74.9 | 73.4 | 71.9 | 70.3 | 68.8 |
| 91.8 | | | 83.6 | 82.2 | 80.9 | 79.6 | 78.2 | 76.9 | 75.5 | 74.2 | 72.8 | 71.5 | 70.1 | 68.8 | 67.4 | 66.1 | 64.8 | 62.5 |
| 98.4 | | | | 74.7 | 73.6 | 72.4 | 71.3 | 70.1 | 69 | 67.8 | 66.7 | 65.5 | 64.4 | 63.2 | 62.1 | 60.9 | 59.8 | 56.3 |
| 111.5 | | | | | 65.6 | 65.2 | 64.4 | 63.4 | 62.4 | 61.5 | 60.5 | 59.6 | 58.6 | 57.6 | 56.7 | 55.7 | 53 | 48.4 |
| 124.6 | | | | | | 57.4 | 56.7 | 55.9 | 55.1 | 54.4 | 53.6 | 52.8 | 52.1 | 51.3 | 50.5 | 49.8 | 44.7 | 42.2 |
| 137.8 | | | | | | | | 50.3 | 49.8 | 49.2 | 48.6 | 48 | 47.4 | 46.9 | 46.3 | 45.7 | 44 | 40.3 |
| 150.9 | | | | | | | | | 40.7 | 40.3 | 40 | 39.6 | 39.2 | 38.8 | 38.4 | 38 | 37.6 | 37.3 |
| 164.0 | | | | | | | | | | 36.5 | 36.1 | 35.7 | 35.3 | 35 | 34.6 | 34.2 | 33.8 | 33.4 |
| 177.1 | | | | | | | | | | | | 32.6 | 32.3 | 31.9 | 31.5 | 31.1 | 30.7 | 30.3 |
| 190.2 | | | | | | | | | | | | | 28.8 | 28.4 | 28 | 27.6 | 27.3 | 26.9 |
| 203.4 | | | | | | | | | | | | | | | 24.8 | 24.4 | 24 | 23.6 |
| 216.5 | | | | | | | | | | | | | | | | 21.7 | 21.3 | 20.9 |
| 229.6 | | | | | | | | | | | | | | | | | 18.8 | 18.4 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

## Load capacities with 164 ft main boom 88°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39.4 | 172.9 | 168.3 | 163.5 | | | | | | | | | | | | | | | |
| 45.9 | 166.4 | 160.5 | 154.3 | 150.7 | 146.7 | 142.8 | | | | | | | | | | | | |
| 52.5 | 153.6 | 147.2 | 145.3 | 141.8 | 138.8 | 135.7 | 132.7 | 129.4 | | | | | | | | | | |
| 59.0 | 136.8 | 132.2 | 130.5 | 129 | 127.2 | 125.5 | 123.8 | 122.4 | 120.6 | 118.8 | 117 | | | | | | | |
| 65.6 | 122.8 | 120.7 | 118.8 | 117 | 115.1 | 113.4 | 111.7 | 109.9 | 108 | 105.9 | 103.4 | 101.4 | 99.2 | 96.8 | | | | |
| 72.2 | 115.5 | 111.9 | 110.2 | 108.6 | 106.8 | 105 | 103.2 | 101.4 | 100.1 | 98.5 | 96.9 | 95.1 | 93.3 | 91.5 | 89.5 | 87.6 | | |
| 78.7 | 102.2 | 100.1 | 98.4 | 96.9 | 95.1 | 93.4 | 91.7 | 89.9 | 88.6 | 87 | 85.5 | 83.8 | 82.1 | 80.3 | 78.8 | 77 | 75.2 | 72.8 |
| 85.3 | | 91.9 | 90.3 | 88.8 | 87.2 | 85.7 | 84.2 | 82.6 | 81.1 | 79.6 | 78 | 76.5 | 74.9 | 73.4 | 71.9 | 70.3 | 68.8 | 67.1 |
| 91.8 | | | 82.6 | 81.3 | 79.9 | 78.6 | 77.2 | 75.9 | 74.6 | 73.2 | 71.9 | 70.5 | 69.2 | 67.8 | 66.5 | 65.1 | 63.8 | 59.8 |
| 98.4 | | | 74.9 | 73.8 | 72.6 | 71.5 | 70.3 | 69.2 | 68 | 66.9 | 65.7 | 64.6 | 63.4 | 62.3 | 61.1 | 59.9 | 58.8 | 54.5 |
| 111.5 | | | | | 64.8 | 64.4 | 63.4 | 62.4 | 61.5 | 60.5 | 59.6 | 58.6 | 57.6 | 56.7 | 55.7 | 54.8 | 51.7 | 46.8 |
| 124.6 | | | | | | 56.5 | 55.7 | 54.9 | 54.2 | 53.4 | 52.6 | 51.9 | 51.1 | 50.3 | 49.6 | 48.8 | 42.5 | 41.8 |
| 137.8 | | | | | | | | 49.9 | 49.4 | 48.8 | 48.2 | 47.6 | 47.1 | 46.5 | 45.9 | 45.3 | 41.6 | 40.1 |
| 150.9 | | | | | | | | | 40.5 | 40.1 | 39.8 | 39.4 | 39 | 38.6 | 38.2 | 37.8 | 37.5 | 37.1 |
| 164.0 | | | | | | | | | | 36.1 | 35.7 | 35.3 | 35 | 34.6 | 34.2 | 33.8 | 33.4 | 33 |
| 177.1 | | | | | | | | | | | | 32.5 | 32.1 | 31.7 | 31.3 | 30.9 | 30.5 | 30.1 |
| 190.2 | | | | | | | | | | | | | 28.6 | 28.2 | 27.8 | 27.5 | 27.1 | 26.7 |
| 203.4 | | | | | | | | | | | | | | | 24.6 | 24.2 | 23.8 | 23.4 |
| 216.5 | | | | | | | | | | | | | | | | 21.5 | 21.1 | 20.7 |
| 229.6 | | | | | | | | | | | | | | | | | 18.6 | 18.2 |

## Load capacities with 174 ft main boom 88°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39.4 | 167 | 162.4 | 157.5 | | | | | | | | | | | | | | | |
| 45.9 | 159.3 | 156.3 | 151.1 | 146.5 | 141.7 | 136.6 | | | | | | | | | | | | |
| 52.5 | 147.6 | 143 | 141.1 | 137.6 | 134.5 | 131.6 | 128.5 | 125.2 | | | | | | | | | | |
| 59.0 | 133.4 | 129.7 | 128 | 126.5 | 124.7 | 123 | 121.3 | 119.5 | 117.5 | 115.5 | 113.3 | | | | | | | |
| 65.6 | 120.3 | 118.4 | 116.7 | 115.1 | 113.4 | 111.7 | 109.9 | 108.2 | 106.8 | 105.1 | 103 | 101 | 98.8 | 96.4 | | | | |
| 72.2 | 112.5 | 109.8 | 108 | 106.4 | 104.6 | 102.8 | 101 | 99.3 | 97.9 | 96.3 | 94.7 | 92.9 | 90.9 | 88.7 | 86.2 | 84 | | |
| 78.7 | 99.4 | 98 | 96.3 | 94.7 | 93 | 91.3 | 89.5 | 87.8 | 86.5 | 84.9 | 83.4 | 81.7 | 79.9 | 78.2 | 76.5 | 74.8 | 73 | 71.1 |
| 85.3 | | 90.7 | 89 | 87.2 | 85.5 | 83.8 | 83.6 | 81.9 | 80.3 | 78.8 | 77.1 | 75.3 | 73.8 | 72.1 | 70.5 | 68.8 | 67.4 | 65.3 |
| 91.8 | | | 81.1 | 79.7 | 78.4 | 77.1 | 75.7 | 74.4 | 73 | 71.7 | 70.3 | 69 | 67.6 | 66.3 | 64.9 | 63.6 | 62.3 | 58.7 |
| 98.4 | | | 73.6 | 72.4 | 71.3 | 70.1 | 69 | 67.8 | 66.7 | 65.5 | 64.4 | 63.2 | 62.1 | 60.9 | 59.8 | 58.6 | 57.4 | 53.5 |
| 111.5 | | | | | 64.2 | 63.2 | 62.3 | 61.3 | 60.3 | 59.4 | 58.4 | 57.4 | 56.5 | 55.5 | 54.6 | 53.6 | 50.4 | 45.8 |
| 124.6 | | | | | | 55.7 | 54.9 | 54.2 | 53.4 | 52.6 | 51.9 | 51.1 | 50.3 | 49.6 | 48.8 | 48 | 42.9 | 40.8 |
| 137.8 | | | | | | | | 49.4 | 48.8 | 48.2 | 47.6 | 47.1 | 46.5 | 45.9 | 45.3 | 44.8 | 42 | 39.1 |
| 150.9 | | | | | | | | | 40.1 | 39.8 | 39.4 | 39 | 38.6 | 38.2 | 37.8 | 37.5 | 37.1 | 36.7 |
| 164.0 | | | | | | | | | | 35.9 | 35.5 | 35.1 | 34.8 | 34.4 | 34 | 33.6 | 33.2 | 32.8 |
| 177.1 | | | | | | | | | | | | 32.3 | 31.9 | 31.5 | 31.1 | 30.7 | 30.3 | 30 |
| 190.2 | | | | | | | | | | | | | 28.4 | 28 | 27.6 | 27.3 | 26.9 | 26.5 |
| 203.4 | | | | | | | | | | | | | | 24.9 | 24.4 | 24 | 23.6 | 23.2 |
| 216.5 | | | | | | | | | | | | | | | | 21.3 | 20.9 | 20.5 |
| 229.6 | | | | | | | | | | | | | | | | | 18.6 | 18.2 |

## Load capacities with 184 ft main boom 88°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39.4 | 162.6 | 157.1 | 152.9 | | | | | | | | | | | | | | | |
| 45.9 | 153 | 150.5 | 148.1 | 144.3 | 139.7 | | | | | | | | | | | | | |
| 52.5 | 143 | 138.6 | 136.6 | 133.2 | 130.1 | 126.7 | 123.4 | 120.8 | | | | | | | | | | |
| 59.0 | 130.1 | 127.4 | 125.7 | 124.2 | 122.4 | 120.7 | 119 | 117.3 | 115.3 | 113.1 | 110.7 | | | | | | | |
| 65.6 | 117.8 | 116.1 | 114.3 | 112.8 | 111.1 | 109.3 | 107.6 | 105.9 | 104.5 | 103 | 101.4 | 99.4 | 97.5 | | | | | |
| 72.2 | 109.8 | 107.4 | 105.6 | 104 | 102.2 | 100.5 | 98.7 | 96.9 | 95.5 | 93.9 | 92.3 | 90.6 | 88.7 | 86.7 | 84.7 | 82.5 | | |
| 78.7 | 97.2 | 95.7 | 94 | 92.4 | 90.7 | 89 | 87.2 | 85.5 | 84.2 | 82.6 | 81.1 | 79.4 | 77.6 | 75.9 | 74.1 | 72.2 | 70 | 67.5 |
| 85.3 | | 88.4 | 86.7 | 84.9 | 83.2 | 81.5 | 81.3 | 79.6 | 78 | 76.5 | 74.7 | 73 | 71.5 | 69.7 | 68.2 | 66.5 | 65.1 | 63.6 |
| 91.8 | | | 79.9 | 78.6 | 77.2 | 75.9 | 74.6 | 73.2 | 71.9 | 70.5 | 69.2 | 67.8 | 66.5 | 65.1 | 63.8 | 62.4 | 61.1 | 58.1 |
| 98.4 | | | 72.6 | 71.5 | 70.3 | 69.2 | 68 | 66.9 | 65.7 | 64.6 | 63.4 | 62.3 | 61.1 | 59.9 | 58.8 | 57.6 | 56.5 | |
| 111.5 | | | | | 63.2 | 62.3 | 61.3 | 60.3 | 59.4 | 58.4 | 57.4 | 56.5 | 55.5 | 54.6 | 53.6 | 52.6 | 48.1 | |
| 124.6 | | | | | | 55.1 | 54.4 | 53.6 | 52.8 | 52.1 | 51.3 | 50.5 | 49.8 | 49 | 48.2 | 47.4 | 41.6 | |
| 137.8 | | | | | | | | 48.8 | 48.2 | 47.6 | 47.1 | 46.5 | 45.9 | 45.3 | 44.8 | 44.2 | 40.5 | |
| 150.9 | | | | | | | | | 40 | 39.6 | 39.2 | 38.8 | 38.4 | 38 | 37.6 | 37.3 | 36.9 | |
| 164.0 | | | | | | | | | | 35.7 | 35.3 | 35 | 34.6 | 34.2 | 33.8 | 33.4 | 33 | 32.6 |
| 177.1 | | | | | | | | | | | | 32.3 | 31.9 | 31.5 | 31.1 | 30.7 | 30.3 | 30 |
| 190.2 | | | | | | | | | | | | | 28.2 | 27.8 | 27.5 | 27.1 | 26.7 | 26.3 |
| 203.4 | | | | | | | | | | | | | | 24.8 | 24.4 | 24 | 23.6 | 23.2 |
| 216.5 | | | | | | | | | | | | | | | | 21.3 | 20.9 | 20.5 |
| 229.6 | | | | | | | | | | | | | | | | | 18.4 | 18 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

### Load capacities with 194 ft main boom 88°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39.4 | 155.8 | 151.1 | | | | | | | | | | | | | | | | |
| 45.9 | 145.1 | 143 | 140.6 | 137.3 | 133.5 | | | | | | | | | | | | | |
| 52.5 | 135.7 | 134.1 | 132.4 | 129 | 126.5 | 123.2 | 120.1 | 116.8 | | | | | | | | | | |
| 59.0 | 126.8 | 125.3 | 123.6 | 122 | 120.3 | 118.6 | 116.2 | 113.5 | 110.9 | 108 | | | | | | | | |
| 65.6 | 115.5 | 114 | 112.2 | 110.7 | 109 | 107.2 | 105.5 | 103.8 | 102.4 | 101 | 99 | 96.8 | 94.4 | | | | | |
| 72.2 | 106.8 | 105.2 | 103.4 | 101.8 | 100.1 | 98.3 | 96.5 | 94.7 | 93.3 | 91.7 | 90.2 | 88.4 | 86.5 | 84.5 | 82.3 | 79.9 | | |
| 78.7 | 95.3 | 93.8 | 92 | 90.5 | 88.8 | 87 | 85.3 | 83.6 | 82.2 | 80.7 | 79.2 | 77.4 | 75.7 | 74 | 71.9 | 70 | 67.8 | 65.3 |
| 85.3 | | 86.9 | 84.9 | 83.2 | 81.5 | 79.7 | 79.6 | 77.8 | 76.3 | 74.7 | 73 | 71.3 | 69.7 | 68 | 66.5 | 64.8 | 62.7 | 60.5 |
| 91.8 | | | 78.6 | 77.2 | 75.9 | 74.6 | 73.2 | 71.9 | 70.5 | 69.2 | 67.8 | 66.5 | 65.1 | 63.8 | 62.4 | 61.1 | 59.8 | 56.1 |
| 98.4 | | | 70.7 | 69.6 | 68.4 | 67.2 | 66.1 | 64.9 | 63.8 | 62.6 | 61.5 | 60.3 | 59.2 | 58 | 56.9 | 55.7 | 54.6 | 49.1 |
| 111.5 | | | | | 62.3 | 61.3 | 60.3 | 59.4 | 58.4 | 57.4 | 56.5 | 55.5 | 54.6 | 53.6 | 52.6 | 49.5 | 46.4 | 43.1 |
| 124.6 | | | | | | 54.4 | 53.6 | 52.8 | 52.1 | 51.3 | 50.5 | 49.8 | 49 | 48.2 | 47.4 | 44.4 | 41.6 | 36.3 |
| 137.8 | | | | | | | | 46.1 | 45.7 | 45.3 | 45 | 44.6 | 44.2 | 43.8 | 43.4 | 40.9 | 38.3 | 36.5 |
| 150.9 | | | | | | | | | 39.8 | 39.4 | 39 | 38.6 | 38.2 | 37.8 | 37.5 | 37.1 | 35.9 | 34.1 |
| 164.0 | | | | | | | | | | 35.5 | 35.1 | 34.8 | 34.4 | 34 | 33.6 | 33.2 | 32.8 | 32.5 |
| 177.1 | | | | | | | | | | | | 31.9 | 31.5 | 31.1 | 30.7 | 30.3 | 30 | 29.6 |
| 190.2 | | | | | | | | | | | | | 28 | 27.6 | 27.3 | 26.9 | 26.5 | 26.1 |
| 203.4 | | | | | | | | | | | | | | 24.6 | 24.2 | 23.8 | 23.4 | 23 |
| 216.5 | | | | | | | | | | | | | | | | 21.1 | 20.7 | 20.3 |
| 229.6 | | | | | | | | | | | | | | | | | 18.2 | 17.8 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

## Load capacities with 66 ft main boom 86°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39.4 | 253 | 248.6 | | | | | | | | | | | | | | | | |
| 45.9 | 233.9 | 229 | 223.6 | 218.1 | 213 | | | | | | | | | | | | | |
| 52.5 | 210.6 | 207 | 203.6 | 199.9 | 196.3 | 192.4 | 188.8 | | | | | | | | | | | |
| 59.0 | 185.4 | 184.1 | 181.6 | 179 | 176.2 | 173.7 | 170.9 | 168.3 | 165.5 | 163 | | | | | | | | |
| 65.6 | 162.5 | 160 | 157.4 | 154.9 | 152.1 | 149.5 | 146.7 | 144.2 | 142.5 | 140.1 | 138.2 | 136.5 | | | | | | |
| 72.2 | 147.8 | 145 | 143.2 | 141.5 | 139.7 | 137.9 | 136.2 | 134.4 | 132.7 | 130.9 | 129.1 | 127.4 | 125.6 | 123.9 | | | | |
| 78.7 | | 125.4 | 123.7 | 122 | 120.3 | 118.5 | 116.8 | 115.1 | 113.4 | 111.7 | 110 | 108.3 | 106.6 | 104.9 | 103.2 | 101.5 | | |
| 85.3 | | 117 | 116 | 114.3 | 112.6 | 110.9 | 109.1 | 107.4 | 105.7 | 104 | 102.3 | 100.6 | 98.9 | 97.2 | 94.8 | 93.8 | 91.6 | 88.4 |
| 91.8 | | | 109.4 | 107.9 | 106.4 | 104.9 | 103.4 | 101.9 | 100.4 | 98.9 | 97.4 | 95.9 | 94.4 | 90.2 | 85.4 | 84.5 | 83.8 | 82.9 |
| 98.4 | | | | 97.8 | 96.5 | 95.3 | 94 | 92.7 | 91.4 | 90.1 | 88.9 | 87.6 | 86.3 | 85 | 82.5 | 81.4 | 79 | 76.1 |
| 111.5 | | | | | 84.5 | 83.6 | 82.9 | 82.7 | 82.2 | 81.2 | 80.1 | 79 | 78 | 76.9 | 74.1 | 72.6 | 70.2 | 70.4 |
| 124.6 | | | | | | 73.5 | 73 | 72.6 | 72.2 | 71.7 | 71.1 | 70.3 | 69.4 | 68.6 | 67.7 | 66.9 | 62.5 | 62.3 |
| 137.8 | | | | | | | | 63.6 | 63.1 | 62.7 | 62.3 | 62.3 | 61.9 | 61.3 | 60.7 | 60 | 59.4 | 58.1 |
| 150.9 | | | | | | | | | 50.8 | 50.4 | 50 | 49.8 | 49.3 | 48.7 | 48.3 | 47.8 | 47.4 | 46.8 |
| 164.0 | | | | | | | | | | | 45.5 | 45.3 | 44.9 | 44.2 | 43.8 | 43.4 | 42.9 | 42.3 |
| 177.1 | | | | | | | | | | | | 42.1 | 41.7 | 41 | 40.6 | 40.2 | 39.7 | 39.1 |
| 190.2 | | | | | | | | | | | | | 37.4 | 36.7 | 36.3 | 35.9 | 35.5 | 34.8 |
| 203.4 | | | | | | | | | | | | | | | 32.7 | 32.3 | 31.8 | 31.2 |
| 216.5 | | | | | | | | | | | | | | | | 29.3 | 28.8 | 28.2 |
| 229.6 | | | | | | | | | | | | | | | | | 25.8 | 25.2 |

## Load capacities with 75 ft main boom 86°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39.4 | 253 | 247.7 | | | | | | | | | | | | | | | | |
| 45.9 | 231.5 | 226.6 | 221.3 | 215.7 | | | | | | | | | | | | | | |
| 52.5 | 206.5 | 204.6 | 201.8 | 198.2 | 194.6 | 190.7 | 187.1 | | | | | | | | | | | |
| 59.0 | 181.3 | 179.6 | 177.1 | 174.5 | 171.7 | 169.2 | 166.4 | 163.8 | 161 | | | | | | | | | |
| 65.6 | 160.8 | 156.3 | 153.8 | 152.1 | 150.6 | 148.2 | 145.9 | 143.5 | 141.2 | 138.8 | 136.5 | | | | | | | |
| 72.2 | 146.5 | 143.2 | 141.5 | 139.7 | 137.9 | 136.2 | 134.4 | 132.7 | 130.9 | 129.1 | 127.4 | 125.6 | 123.9 | 122.1 | | | | |
| 78.7 | 127.1 | 124.1 | 122.4 | 120.7 | 119 | 117.3 | 115.6 | 113.8 | 112.1 | 110.4 | 108.7 | 107 | 105.3 | 103.6 | 101.9 | 100.2 | | |
| 85.3 | | 116.4 | 114.7 | 113 | 111.3 | 109.6 | 107.9 | 106.2 | 104.4 | 102.7 | 101 | 99.3 | 97.6 | 94.8 | 93.5 | 92.5 | 90.3 | 87.4 |
| 91.8 | | | 108.1 | 106.6 | 105.1 | 103.6 | 102.1 | 100.6 | 99.1 | 97.6 | 96.1 | 94.6 | 93.1 | 86.2 | 83.8 | 83.2 | 82.3 | 80.7 |
| 98.4 | | | | 96.5 | 95.3 | 94 | 92.7 | 91.4 | 90.1 | 88.9 | 87.6 | 86.3 | 85 | 83.4 | 81 | 79.9 | 78.1 | 74.1 |
| 111.5 | | | | | 84 | 83.2 | 82.5 | 81.6 | 81.2 | 80.1 | 79 | 78 | 76.9 | 75.8 | 72.8 | 71.1 | 68.2 | 66.2 |
| 124.6 | | | | | | 73 | 72.6 | 72.4 | 72 | 71.1 | 70.3 | 69.4 | 68.6 | 67.7 | 66.9 | 66 | 61.2 | 59.4 |
| 137.8 | | | | | | | | 63.1 | 62.7 | 62.3 | 62 | 61.6 | 61.3 | 60.7 | 60 | 59.4 | 58.7 | 56.8 |
| 150.9 | | | | | | | | | 50.4 | 50 | 49.6 | 49.1 | 48.7 | 48.3 | 47.8 | 47.4 | 47 | 46.6 |
| 164.0 | | | | | | | | | | 45.5 | 45.1 | 44.6 | 44.2 | 43.8 | 43.4 | 42.9 | 42.5 | 42.1 |
| 177.1 | | | | | | | | | | | | 41.4 | 41 | 40.6 | 40.2 | 39.7 | 39.3 | 38.9 |
| 190.2 | | | | | | | | | | | | | 36.7 | 36.3 | 35.9 | 35.5 | 35 | 34.6 |
| 203.4 | | | | | | | | | | | | | | | 32.3 | 31.8 | 31.4 | 31 |
| 216.5 | | | | | | | | | | | | | | | | 28.8 | 28.4 | 28 |
| 229.6 | | | | | | | | | | | | | | | | | 25.6 | 25.2 |

## Load capacities with 85 ft main boom 86°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39.4 | 242.4 | 238.6 | | | | | | | | | | | | | | | | |
| 45.9 | 228.8 | 223.8 | 218.5 | 213 | | | | | | | | | | | | | | |
| 52.5 | 202.9 | 201 | 198.2 | 194.6 | 191 | 187.1 | 183.5 | | | | | | | | | | | |
| 59.0 | 177.3 | 175.1 | 172.6 | 170 | 167.2 | 164.7 | 161.9 | 159.3 | 156.6 | | | | | | | | | |
| 65.6 | 159.1 | 154.2 | 151.9 | 151 | 149.5 | 147.2 | 144.8 | 142.5 | 140.1 | 137.8 | 135.4 | | | | | | | |
| 72.2 | 145 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 126.3 | 124.5 | 122.8 | 121 | | | | |
| 78.7 | 125.6 | 123.7 | 121.7 | 120 | 118.1 | 116.2 | 114.3 | 112.3 | 110.9 | 109.1 | 107.4 | 105.5 | 103.6 | 101.7 | 100 | 98.3 | | |
| 85.3 | | 115.3 | 113.6 | 111.9 | 110.2 | 108.5 | 106.8 | 105.1 | 103.4 | 101.7 | 100 | 98.3 | 96.5 | 93.3 | 92 | 90.2 | 89.3 | 86.7 |
| 91.8 | | | 106.6 | 105.1 | 103.6 | 102.1 | 100.6 | 99.1 | 97.6 | 96.1 | 94.6 | 93.1 | 90.9 | 84.7 | 82.5 | 81.8 | 80.5 | 78.8 |
| 98.4 | | | 96.8 | 95.5 | 94.2 | 92.9 | 91.6 | 90.3 | 89.1 | 87.8 | 86.5 | 85.2 | 83.9 | 81.8 | 79.4 | 78.5 | 76.6 | 71.3 |
| 111.5 | | | | | 82.9 | 82.3 | 81.6 | 81 | 80.3 | 79.2 | 78.2 | 77.1 | 76 | 75 | 71.5 | 70 | 66.4 | 62 |
| 124.6 | | | | | | 72.6 | 72.2 | 70.4 | 70 | 69.5 | 69.1 | 68.6 | 67.7 | 66.9 | 66 | 65.1 | 59.6 | 57.2 |
| 137.8 | | | | | | | | 62.9 | 62.7 | 62.3 | 61.8 | 61.3 | 60.7 | 60 | 59.4 | 58.7 | 58.1 | 55.2 |
| 150.9 | | | | | | | | | 50.2 | 49.8 | 49.3 | 48.9 | 48.5 | 48.1 | 47.6 | 47.2 | 46.8 | 46.3 |
| 164.0 | | | | | | | | | | 45.5 | 45.1 | 44.6 | 44.2 | 43.8 | 43.4 | 42.9 | 42.5 | 42.1 |
| 177.1 | | | | | | | | | | | | 41.2 | 40.8 | 40.4 | 39.9 | 39.5 | 39.1 | 38.7 |
| 190.2 | | | | | | | | | | | | | 36.7 | 36.3 | 35.9 | 35.5 | 35 | 34.6 |
| 203.4 | | | | | | | | | | | | | | 26.2 | 32.3 | 31.8 | 31.4 | 31 |
| 216.5 | | | | | | | | | | | | | | | | 28.6 | 28.2 | 27.8 |
| 229.6 | | | | | | | | | | | | | | | | | 25.4 | 25 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

### Load capacities with 95 ft main boom 86°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39.4 | 236.9 | 234.7 | | | | | | | | | | | | | | | | |
| 45.9 | 225.6 | 220.6 | 215.3 | 209.7 | | | | | | | | | | | | | | |
| 52.5 | 198.6 | 195.9 | 193.7 | 190.1 | 186.5 | 182.6 | | | | | | | | | | | | |
| 59.0 | 173.4 | 170.9 | 168.3 | 165.7 | 163 | 160.4 | 157.6 | 155.1 | 152.3 | | | | | | | | | |
| 65.6 | 157.2 | 152.3 | 149.9 | 149.1 | 147.6 | 145.2 | 142.9 | 140.5 | 138.2 | 135.8 | 133.5 | | | | | | | |
| 72.2 | 143.4 | 140.6 | 138.8 | 137.1 | 135.3 | 133.5 | 131.8 | 130 | 128.3 | 126.5 | 124.7 | 123 | 121.2 | | | | | |
| 78.7 | 125.2 | 123.7 | 121.7 | 120 | 118.1 | 116.2 | 114.3 | 112.3 | 110.9 | 109.1 | 107.4 | 105.5 | 103.6 | 101.7 | 100 | 98.3 | | |
| 85.3 | | 114.5 | 112.8 | 111.1 | 109.4 | 107.7 | 105.9 | 104.2 | 102.5 | 100.8 | 99.1 | 97.4 | 94.8 | 92 | 90.2 | 88.7 | 87.8 | 86 |
| 91.8 | | | 105.3 | 103.8 | 102.3 | 100.8 | 99.3 | 97.8 | 96.3 | 94.8 | 93.3 | 91.8 | 89.1 | 83.4 | 80.7 | 79.6 | 78.5 | 76.8 |
| 98.4 | | | 95.5 | 94.2 | 92.9 | 91.6 | 90.3 | 89.1 | 87.8 | 86.5 | 85.2 | 83.9 | 82.7 | 80.5 | 77.9 | 77 | 75 | 69.3 |
| 111.5 | | | | | 82.1 | 81.4 | 80.7 | 80.1 | 79.2 | 78.2 | 77.1 | 76 | 75 | 73.9 | 70 | 69.1 | 64.5 | 60.7 |
| 124.6 | | | | | | 72.2 | 71.1 | 70.2 | 69.7 | 69.3 | 68.6 | 67.7 | 66.9 | 66 | 65.1 | 64 | 57.6 | 55.2 |
| 137.8 | | | | | | | | 62.7 | 62.3 | 62 | 61.5 | 60.9 | 60.2 | 59.6 | 59 | 58.3 | 56.3 | 53.7 |
| 150.9 | | | | | | | | | 50.2 | 49.8 | 49.3 | 48.9 | 48.5 | 48.1 | 47.6 | 47.2 | 46.8 | 46.3 |
| 164.0 | | | | | | | | | | 45.3 | 44.9 | 44.4 | 44 | 43.6 | 43.1 | 42.7 | 42.3 | 41.9 |
| 177.1 | | | | | | | | | | | | 41 | 40.6 | 40.2 | 39.7 | 39.3 | 38.9 | 38.4 |
| 190.2 | | | | | | | | | | | | | 36.5 | 36.1 | 35.7 | 35.2 | 34.8 | 34.4 |
| 203.4 | | | | | | | | | | | | | | 32.5 | 32 | 31.6 | 31.2 | 30.8 |
| 216.5 | | | | | | | | | | | | | | | | 28.6 | 28.2 | 27.8 |
| 229.6 | | | | | | | | | | | | | | | | | 25.4 | 25 |

### Load capacities with 105 ft main boom 86°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39.4 | 234.1 | | | | | | | | | | | | | | | | | |
| 45.9 | 222.1 | 217.2 | 211.9 | 206.3 | | | | | | | | | | | | | | |
| 52.5 | 195.2 | 192 | 191.6 | 188 | 184.3 | 180.5 | | | | | | | | | | | | |
| 59.0 | 172.2 | 169.6 | 167 | 164.5 | 161.7 | 159.1 | 156.3 | 153.8 | 151 | | | | | | | | | |
| 65.6 | 155.5 | 149.5 | 147.2 | 146.3 | 144.8 | 142.5 | 140.1 | 137.8 | 135.4 | 133.1 | 130.7 | | | | | | | |
| 72.2 | 141.9 | 139.3 | 137.5 | 135.7 | 134 | 132.2 | 130.5 | 128.7 | 126.9 | 125.2 | 123.4 | 121.7 | 119.9 | | | | | |
| 78.7 | 124.5 | 122.6 | 120.7 | 119 | 117 | 115 | 113.2 | 111.4 | 109.9 | 108.2 | 106.5 | 104.7 | 102.9 | 101.1 | 99.4 | 97.8 | | |
| 85.3 | | 113.4 | 111.7 | 110 | 108.3 | 106.6 | 104.9 | 103.2 | 101.5 | 99.7 | 98 | 96.3 | 93.1 | 90.4 | 88.7 | 87.3 | 86.5 | 84.5 |
| 91.8 | | | 103.6 | 102.1 | 100.6 | 99.1 | 97.6 | 96.1 | 94.6 | 93.1 | 91.6 | 90.1 | 87.6 | 82.1 | 79.4 | 78.3 | 77 | 75 |
| 98.4 | | | 94.2 | 92.9 | 91.6 | 90.3 | 89.1 | 87.8 | 86.5 | 85.2 | 83.9 | 82.7 | 81.4 | 79.2 | 76.3 | 75.7 | 73.5 | 67.5 |
| 111.5 | | | | | 81 | 80.3 | 79.4 | 79.5 | 78.4 | 77.3 | 76.3 | 75.2 | 74.1 | 73 | 68.9 | 68 | 63.1 | 59 |
| 124.6 | | | | | | 72 | 71.1 | 70.3 | 69.4 | 68.6 | 67.7 | 66.9 | 66 | 65.1 | 64.3 | 62.3 | 56.3 | 53.7 |
| 137.8 | | | | | | | 63.4 | 62.8 | 62.2 | 61.5 | 60.9 | 60.2 | 59.6 | 59 | 58.3 | 57.7 | 55 | 52.1 |
| 150.9 | | | | | | | | | 50 | 49.6 | 49.1 | 48.7 | 48.3 | 47.8 | 47.4 | 47 | 46.6 | 46.1 |
| 164.0 | | | | | | | | | | 45.1 | 44.6 | 44.2 | 43.8 | 43.4 | 42.9 | 42.5 | 42.1 | 41.7 |
| 177.1 | | | | | | | | | | | | 41 | 40.6 | 40.2 | 39.7 | 39.3 | 38.9 | 38.4 |
| 190.2 | | | | | | | | | | | | | 36.3 | 35.9 | 35.5 | 35 | 34.6 | 34.2 |
| 203.4 | | | | | | | | | | | | | | 32.5 | 32 | 31.6 | 31.2 | 30.8 |
| 216.5 | | | | | | | | | | | | | | | | 28.4 | 28 | 27.6 |
| 229.6 | | | | | | | | | | | | | | | | | 25.2 | 24.8 |
| 242.7 | | | | | | | | | | | | | | | | | | 22.4 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

### Load capacities with 115 ft main boom 86°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39.4 | 229.2 | | | | | | | | | | | | | | | | | |
| 45.9 | 211.8 | 207.1 | 201.9 | | | | | | | | | | | | | | | |
| 52.5 | 193.5 | 185 | 182.8 | 179.2 | 175.6 | 171.7 | | | | | | | | | | | | |
| 59.0 | 169.4 | 164.6 | 162 | 159.5 | 156.9 | 154.4 | 151.7 | 149.2 | | | | | | | | | | |
| 65.6 | 153.6 | 147.8 | 145.5 | 144.6 | 143.1 | 140.8 | 138.4 | 136.1 | 133.7 | 131.4 | | | | | | | | |
| 72.2 | 140.1 | 137.5 | 135.7 | 134 | 132.2 | 130.5 | 128.7 | 126.9 | 125.2 | 123.4 | 121.7 | 119.9 | 118.1 | | | | | |
| 78.7 | 123.5 | 122.1 | 120.3 | 118.6 | 116.8 | 115.1 | 113.1 | 111.3 | 109.6 | 108.1 | 106.4 | 104.4 | 102.5 | 100.6 | 98.9 | | | |
| 85.3 | | 112.3 | 110.6 | 108.9 | 107.2 | 105.5 | 103.8 | 102.1 | 100.4 | 98.7 | 97 | 95.3 | 91.5 | 88.9 | 87.3 | 86 | 85.1 | 83.4 |
| 91.8 | | | 102.1 | 100.6 | 99.1 | 97.6 | 96.1 | 94.6 | 93.1 | 91.6 | 90.1 | 88.6 | 86 | 80.7 | 78.1 | 77 | 75.5 | 73 |
| 98.4 | | | 92.9 | 91.6 | 90.3 | 89.1 | 87.8 | 86.5 | 85.2 | 83.9 | 82.7 | 81.4 | 80.1 | 77.9 | 75 | 74.1 | 71.9 | 66.2 |
| 111.5 | | | | | 80.1 | 79.4 | 78.8 | 78.2 | 77.1 | 76 | 75 | 73.9 | 72.8 | 71.8 | 67.5 | 66.4 | 61.6 | 57.6 |
| 124.6 | | | | | | 71.1 | 70.3 | 69.4 | 68.6 | 67.7 | 66.9 | 66 | 65.1 | 64.3 | 63.4 | 60.7 | 54.8 | 52.4 |
| 137.8 | | | | | | | 62.8 | 62.2 | 61.5 | 60.9 | 60.2 | 59.6 | 59 | 58.3 | 57.7 | 56.1 | 53.5 | 50.8 |
| 150.9 | | | | | | | | | 49.8 | 49.3 | 48.9 | 48.5 | 48.1 | 47.6 | 47.2 | 46.8 | 46.3 | 45.9 |
| 164.0 | | | | | | | | | | 44.9 | 44.4 | 44 | 43.6 | 43.1 | 42.7 | 42.3 | 41.9 | 41.4 |
| 177.1 | | | | | | | | | | | | 40.8 | 40.4 | 39.9 | 39.5 | 39.1 | 38.7 | 38.2 |
| 190.2 | | | | | | | | | | | | | 36.3 | 35.9 | 35.5 | 35 | 34.6 | 34.2 |
| 203.4 | | | | | | | | | | | | | | 32.5 | 32 | 31.6 | 31.2 | 30.8 |
| 216.5 | | | | | | | | | | | | | | | | 28.4 | 28 | 27.6 |
| 229.6 | | | | | | | | | | | | | | | | | 25.2 | 24.8 |
| 242.7 | | | | | | | | | | | | | | | | | | 22.2 |

### Load capacities with 125 ft main boom 86°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39.4 | 223.6 | | | | | | | | | | | | | | | | | |
| 45.9 | 210.6 | 205.3 | 199.9 | | | | | | | | | | | | | | | |
| 52.5 | 189.7 | 181.7 | 181.3 | 177.8 | 174.3 | 170.5 | | | | | | | | | | | | |
| 59.0 | 167 | 164.5 | 161.9 | 159.3 | 156.8 | 154.2 | 151.7 | 149.1 | | | | | | | | | | |
| 65.6 | 151 | 146.3 | 144 | 142.9 | 141.6 | 139.3 | 136.9 | 134.6 | 132.2 | 129.9 | | | | | | | | |
| 72.2 | 138.6 | 136.2 | 134.4 | 132.7 | 130.9 | 129.1 | 127.4 | 125.6 | 123.9 | 122.1 | 120.3 | 118.6 | 116.8 | | | | | |
| 78.7 | 122.4 | 121.5 | 119.6 | 117.9 | 116 | 114.1 | 112.1 | 110.2 | 108.7 | 107 | 105.3 | 103.4 | 101.5 | 99.5 | 97.8 | | | |
| 85.3 | | 111.3 | 109.6 | 107.9 | 106.2 | 104.4 | 102.7 | 101 | 99.3 | 97.6 | 95.9 | 94.2 | 90 | 87.3 | 85.8 | 84.5 | 83.8 | |
| 91.8 | | 102.5 | 101 | 99.5 | 98 | 96.5 | 95 | 93.6 | 92.1 | 90.6 | 89.1 | 87.6 | 84.5 | 79.4 | 76.6 | 75.5 | 73.9 | 70.2 |
| 98.4 | | | 91.8 | 90.6 | 89.3 | 88 | 86.7 | 85.4 | 84.2 | 82.9 | 81.6 | 80.3 | 79 | 76.3 | 73.5 | 72.8 | 70.4 | 64.7 |
| 111.5 | | | | | 79.2 | 78.5 | 78.2 | 77.1 | 76 | 75 | 73.9 | 72.8 | 71.8 | 70.7 | 66.2 | 65.1 | 60.1 | 56.1 |
| 124.6 | | | | | | 70.3 | 69.4 | 68.6 | 67.7 | 66.9 | 66 | 65.1 | 64.3 | 63.4 | 62.6 | 59.4 | 53.2 | 50.8 |
| 137.8 | | | | | | | 61.9 | 61.3 | 60.7 | 60 | 59.4 | 58.7 | 58.1 | 57.5 | 56.8 | 54.8 | 51.9 | 49.3 |
| 150.9 | | | | | | | | | 49.6 | 49.1 | 48.7 | 48.3 | 47.8 | 47.4 | 47 | 46.6 | 46.1 | 45.7 |
| 164.0 | | | | | | | | | | 44.6 | 44.2 | 43.8 | 43.4 | 42.9 | 42.5 | 42.1 | 41.7 | 41.2 |
| 177.1 | | | | | | | | | | | 41 | 40.6 | 40.2 | 39.7 | 39.3 | 38.9 | 38.4 | 38 |
| 190.2 | | | | | | | | | | | | | 36.1 | 35.7 | 35.2 | 34.8 | 34.4 | 34 |
| 203.4 | | | | | | | | | | | | | | 32 | 31.6 | 31.2 | 30.8 | 30.3 |
| 216.5 | | | | | | | | | | | | | | | | 28.2 | 27.8 | 27.3 |
| 229.6 | | | | | | | | | | | | | | | | | 25 | 24.6 |
| 242.7 | | | | | | | | | | | | | | | | | | 22.2 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

### Load capacities with 134 ft main boom 86°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39.4 | 216.2 | | | | | | | | | | | | | | | | | |
| 45.9 | 201.8 | 195 | 188.2 | | | | | | | | | | | | | | | |
| 52.5 | 186.3 | 180.1 | 177.9 | 174.3 | 170.7 | | | | | | | | | | | | | |
| 59.0 | 163.4 | 157.6 | 155.7 | 154 | 152.1 | 150.2 | 148.2 | 146.5 | | | | | | | | | | |
| 65.6 | 148.2 | 143.1 | 141 | 139 | 136.9 | 135 | 133.1 | 131.1 | 129 | 126.7 | | | | | | | | |
| 72.2 | 137.1 | 134.4 | 132.7 | 130.9 | 129.1 | 127.4 | 125.6 | 123.9 | 122.1 | 120.3 | 118.6 | 116.8 | | | | | | |
| 78.7 | 121.3 | 120.5 | 118.5 | 116.8 | 114.9 | 113 | 111.1 | 109.1 | 107.7 | 105.9 | 104.2 | 102.3 | 100.4 | 98.5 | 96.8 | | | |
| 85.3 | | 110.2 | 108.5 | 106.8 | 105.1 | 103.4 | 101.7 | 100 | 98.3 | 96.5 | 94.8 | 93.1 | 88.2 | 85.8 | 84.5 | 83.2 | 81.8 | |
| 91.8 | | 101 | 99.5 | 98 | 96.5 | 95 | 93.6 | 92.1 | 90.6 | 89.1 | 87.6 | 86.1 | 82.9 | 77.9 | 75.2 | 74.1 | 72.6 | 68.4 |
| 98.4 | | | 90.6 | 89.3 | 88 | 86.7 | 85.4 | 84.2 | 82.9 | 81.6 | 80.3 | 79 | 77.7 | 75 | 72.2 | 71.5 | 69.1 | 62.9 |
| 111.5 | | | | 79 | 78.5 | 77.7 | 77.1 | 76 | 75 | 73.9 | 72.8 | 71.8 | 70.7 | 69.6 | 64.9 | 63.8 | 58.7 | 54.3 |
| 124.6 | | | | | | 69.4 | 68.6 | 67.7 | 66.9 | 66 | 65.1 | 64.3 | 63.4 | 62.6 | 61.7 | 58.1 | 51.9 | 49.1 |
| 137.8 | | | | | | | 61.5 | 60.9 | 60.2 | 59.6 | 59 | 58.3 | 57.7 | 57 | 56.4 | 53.5 | 50.6 | 47.5 |
| 150.9 | | | | | | | | | 49.3 | 48.9 | 48.5 | 48.1 | 47.6 | 47.2 | 46.8 | 46.3 | 45.9 | 45.1 |
| 164.0 | | | | | | | | | | 44.4 | 44 | 43.6 | 43.1 | 42.7 | 42.3 | 41.9 | 41.4 | 41 |
| 177.1 | | | | | | | | | | | 40.8 | 40.4 | 39.9 | 39.5 | 39.1 | 38.7 | 38.2 | 37.8 |
| 190.2 | | | | | | | | | | | | | 35.9 | 35.5 | 35 | 34.6 | 34.2 | 33.7 |
| 203.4 | | | | | | | | | | | | | | 32 | 31.6 | 31.2 | 30.8 | 30.3 |
| 216.5 | | | | | | | | | | | | | | | | 28 | 27.6 | 27.1 |
| 229.6 | | | | | | | | | | | | | | | | | 24.8 | 24.3 |
| 242.7 | | | | | | | | | | | | | | | | | | 22 |

### Load capacities with 144 ft main boom 86°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45.9 | 196.9 | 190.1 | 183.5 | | | | | | | | | | | | | | | |
| 52.5 | 182.4 | 175.6 | 173.4 | 169.8 | 166.2 | | | | | | | | | | | | | |
| 59.0 | 160.8 | 156.1 | 154.2 | 152.5 | 150.6 | 148.7 | 146.7 | 145 | | | | | | | | | | |
| 65.6 | 145.5 | 140.6 | 138.3 | 136.8 | 136 | 133.7 | 131.4 | 129.1 | 126.9 | 124.6 | | | | | | | | |
| 72.2 | 135.3 | 133.8 | 131.8 | 130 | 128 | 126.1 | 124.1 | 122.1 | 120.6 | 118.8 | 117 | 115.1 | | | | | | |
| 78.7 | 119.8 | 119 | 117 | 115.3 | 113.4 | 111.5 | 109.6 | 107.7 | 106.2 | 104.4 | 102.7 | 100.8 | 98.9 | 97 | | | | |
| 85.3 | | 109.4 | 107.7 | 105.9 | 104.2 | 102.5 | 100.8 | 99.1 | 97.4 | 95.7 | 94 | 92.3 | 86.5 | 84.3 | 83.2 | 82.1 | 80.5 | |
| 91.8 | | 99.5 | 98 | 96.5 | 95 | 93.6 | 92.1 | 90.6 | 89.1 | 87.6 | 86.1 | 84.6 | 81.6 | 76.6 | 73.7 | 72.6 | 71.3 | 66.9 |
| 98.4 | | | 89.3 | 88 | 86.7 | 85.4 | 84.2 | 82.9 | 81.6 | 80.3 | 79 | 77.7 | 76.5 | 71.5 | 70.8 | 70.2 | 67.8 | 61.4 |
| 111.5 | | | | 78.3 | 77.9 | 77.3 | 76.3 | 75.2 | 74.1 | 73 | 72 | 70.9 | 69.8 | 68.8 | 64.9 | 62.5 | 57.4 | 52.8 |
| 124.6 | | | | | | 68.6 | 67.7 | 66.9 | 66 | 65.1 | 64.3 | 63.4 | 62.6 | 61.7 | 60.9 | 56.8 | 50.6 | 47.5 |
| 137.8 | | | | | | | 60.9 | 60.2 | 59.6 | 59 | 58.3 | 57.7 | 57 | 56.4 | 55.7 | 52.1 | 49.3 | 45.5 |
| 150.9 | | | | | | | | | 49.3 | 48.9 | 48.5 | 48.1 | 47.6 | 47.2 | 46.8 | 46.3 | 45.9 | 43.3 |
| 164.0 | | | | | | | | | | 44.4 | 44 | 43.6 | 43.1 | 42.7 | 42.3 | 41.9 | 41.4 | 41 |
| 177.1 | | | | | | | | | | | 40.8 | 40.4 | 39.9 | 39.5 | 39.1 | 38.7 | 38.2 | 37.8 |
| 190.2 | | | | | | | | | | | | | 35.9 | 35.5 | 35 | 34.6 | 34.2 | 33.7 |
| 203.4 | | | | | | | | | | | | | | 32 | 31.6 | 31.2 | 30.8 | 30.3 |
| 216.5 | | | | | | | | | | | | | | | 28.4 | 28 | 27.6 | 27.1 |
| 229.6 | | | | | | | | | | | | | | | | | 24.8 | 24.3 |
| 242.7 | | | | | | | | | | | | | | | | | | 22 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

## Load capacities with 154 ft main boom 86°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45.9 | 192.2 | 186 | | | | | | | | | | | | | | | | |
| 52.5 | 178.8 | 171.3 | 169.2 | 165.3 | 161.9 | | | | | | | | | | | | | |
| 59.0 | 159.6 | 152.9 | 151 | 149.3 | 147.4 | 145.5 | 143.5 | | | | | | | | | | | |
| 65.6 | 142.9 | 140.1 | 138 | 136.1 | 133.9 | 132 | 130.1 | 128.2 | 126 | 123.7 | | | | | | | | |
| 72.2 | 133.8 | 130.5 | 128.5 | 126.7 | 124.7 | 122.8 | 120.8 | 118.8 | 117.3 | 115.5 | 113.7 | 111.8 | | | | | | |
| 78.7 | 118.1 | 117.3 | 115.3 | 113.6 | 111.7 | 109.8 | 107.9 | 105.9 | 104.4 | 102.7 | 101 | 99.1 | 97.2 | 95.3 | | | | |
| 85.3 | | 107.4 | 105.7 | 104 | 102.3 | 100.6 | 98.9 | 97.2 | 95.5 | 93.8 | 92.1 | 90.3 | 85.1 | 82.9 | 81.8 | 80.5 | 79.2 | |
| 91.8 | | 98 | 96.5 | 95 | 93.6 | 92.1 | 90.6 | 89.1 | 87.6 | 86.1 | 84.6 | 83.1 | 80.1 | 75.2 | 72.4 | 71.1 | 69.7 | 64.5 |
| 98.4 | | | 88 | 86.7 | 85.4 | 84.2 | 82.9 | 81.6 | 80.3 | 79 | 77.7 | 76.5 | 75.2 | 69.7 | 69.3 | 68.6 | 66.2 | 59 |
| 111.5 | | | | 77.2 | 76.6 | 76.1 | 75.2 | 74.1 | 73 | 72 | 70.9 | 69.8 | 68.8 | 67.7 | 63.6 | 60.9 | 55.9 | 50.8 |
| 124.6 | | | | | | 67.5 | 66.6 | 65.8 | 64.9 | 64.1 | 63.2 | 62.4 | 61.5 | 60.7 | 59.8 | 55.2 | 49.1 | 45.5 |
| 137.8 | | | | | | | 60.2 | 59.6 | 59 | 58.3 | 57.7 | 57 | 56.4 | 55.7 | 55.1 | 50.6 | 47.7 | 43.8 |
| 150.9 | | | | | | | | 49.3 | 48.9 | 48.5 | 48.1 | 47.6 | 47.2 | 46.8 | 46.3 | 45.9 | 45.5 | 41.6 |
| 164.0 | | | | | | | | | | 44.2 | 43.8 | 43.4 | 42.9 | 42.5 | 42.1 | 41.7 | 41.2 | 39.4 |
| 177.1 | | | | | | | | | | | 40.4 | 39.9 | 39.5 | 39.1 | 38.7 | 38.2 | 37.8 | 36.5 |
| 190.2 | | | | | | | | | | | | | 35.7 | 35.2 | 34.8 | 34.4 | 34 | 32.8 |
| 203.4 | | | | | | | | | | | | | | 31.6 | 31.2 | 30.8 | 30.3 | 29.9 |
| 216.5 | | | | | | | | | | | | | | | 28.2 | 27.8 | 27.3 | 26.9 |
| 229.6 | | | | | | | | | | | | | | | | | 24.6 | 24.1 |
| 242.7 | | | | | | | | | | | | | | | | | | 21.8 |

## Load capacities with 164 ft main boom 86°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45.9 | 188.6 | 182 | | | | | | | | | | | | | | | | |
| 52.5 | 174.3 | 167.2 | 165.1 | 161.3 | | | | | | | | | | | | | | |
| 59.0 | 155.7 | 150.6 | 148.7 | 147 | 145 | 143.1 | 141.2 | | | | | | | | | | | |
| 65.6 | 140.1 | 137.8 | 135.6 | 133.7 | 131.6 | 129.7 | 127.7 | 125.8 | 123.7 | | | | | | | | | |
| 72.2 | 132 | 128 | 126.1 | 124.3 | 122.3 | 120.3 | 118.4 | 116.4 | 114.8 | 113.1 | 111.3 | | | | | | | |
| 78.7 | 117.3 | 114.9 | 113 | 111.3 | 109.4 | 107.4 | 105.5 | 103.6 | 102.1 | 100.4 | 98.7 | 96.8 | 94.8 | 92.9 | | | | |
| 85.3 | 92.8 | 105.7 | 104 | 102.3 | 100.6 | 98.9 | 97.2 | 95.5 | 93.8 | 92.1 | 90.3 | 88.6 | 83.6 | 81.6 | 80.5 | 79.2 | | |
| 91.8 | | 97 | 95.5 | 94 | 92.5 | 91 | 89.5 | 88 | 86.5 | 85 | 83.5 | 82 | 78.5 | 73.9 | 71.1 | 69.7 | 68.2 | 62.9 |
| 98.4 | | | 86.9 | 85.7 | 84.4 | 83.1 | 81.8 | 80.5 | 79.2 | 78 | 76.7 | 75.4 | 74.1 | 68.2 | 68 | 67.1 | 63.6 | 57.4 |
| 111.5 | | | | 76.3 | 75.7 | 75.2 | 74.1 | 73 | 72 | 70.9 | 69.8 | 68.8 | 67.7 | 66.6 | 62.3 | 59.4 | 54.3 | 49.3 |
| 124.6 | | | | | | 66.4 | 65.6 | 64.7 | 63.9 | 63 | 62.2 | 61.3 | 60.4 | 59.6 | 58.7 | 53.7 | 48 | 44 |
| 137.8 | | | | | | | 59.8 | 59.2 | 58.5 | 57.9 | 57.2 | 56.6 | 56 | 55.3 | 54.7 | 49.1 | 46.2 | 42.2 |
| 150.9 | | | | | | | | 49.1 | 48.7 | 48.3 | 47.8 | 47.4 | 47 | 46.6 | 46.1 | 45.7 | 44.4 | 40 |
| 164.0 | | | | | | | | | | 43.8 | 43.4 | 42.9 | 42.5 | 42.1 | 41.7 | 41.2 | 40.8 | 37.8 |
| 177.1 | | | | | | | | | | | 40.2 | 39.7 | 39.3 | 38.9 | 38.4 | 38 | 37.6 | 35 |
| 190.2 | | | | | | | | | | | | | 35.5 | 35 | 34.6 | 34.2 | 33.7 | 31.5 |
| 203.4 | | | | | | | | | | | | | | 31.4 | 31 | 30.5 | 30.1 | 29.7 |
| 216.5 | | | | | | | | | | | | | | | 28 | 27.6 | 27.1 | 26.7 |
| 229.6 | | | | | | | | | | | | | | | | | 24.3 | 23.9 |
| 242.7 | | | | | | | | | | | | | | | | | | 21.6 |

## Load capacities with 174 ft main boom 86°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45.9 | 180.7 | 177.3 | | | | | | | | | | | | | | | | |
| 52.5 | 167.7 | 162.5 | 160.4 | 156.6 | | | | | | | | | | | | | | |
| 59.0 | 151.9 | 147.8 | 145.9 | 144.2 | 142.3 | 140.3 | 138.4 | | | | | | | | | | | |
| 65.6 | 137.3 | 135.2 | 133.3 | 131.6 | 129.7 | 127.7 | 125.8 | 123.9 | 122.4 | | | | | | | | | |
| 72.2 | 128.7 | 125.6 | 123.6 | 121.9 | 119.9 | 117.9 | 115.9 | 114 | 112.4 | 110.7 | 108.9 | | | | | | | |
| 78.7 | 114.1 | 112.6 | 110.6 | 108.9 | 107 | 105.1 | 103.2 | 101.2 | 99.7 | 98 | 96.3 | 94.4 | 92.5 | 90.6 | | | | |
| 85.3 | 105.9 | 104.4 | 102.5 | 100.6 | 98.7 | 96.8 | 96.5 | 94.6 | 92.9 | 91.2 | 89.3 | 87.4 | 82.1 | 80.5 | 78.3 | 77.4 | | |
| 91.8 | | 95.3 | 93.8 | 92.3 | 90.8 | 89.3 | 87.8 | 86.3 | 84.8 | 83.3 | 81.8 | 80.3 | 77.2 | 75.5 | 69.5 | 68.4 | 66.4 | 61.8 |
| 98.4 | | | 85.4 | 84.2 | 82.9 | 81.6 | 80.3 | 79 | 77.7 | 76.5 | 75.2 | 73.9 | 72.6 | 69.7 | 66.4 | 65.8 | 61.8 | 56.3 |
| 111.5 | | | | 75.7 | 75 | 73.9 | 72.8 | 71.8 | 70.7 | 69.6 | 68.6 | 67.5 | 66.4 | 65.4 | 60.7 | 58.1 | 52.6 | 48.2 |
| 124.6 | | | | | | 65.6 | 64.7 | 63.9 | 63 | 62.2 | 61.3 | 60.4 | 59.6 | 58.7 | 57.9 | 52.4 | 46.9 | 42.9 |
| 137.8 | | | | | | | 59.2 | 58.5 | 57.9 | 57.2 | 56.6 | 56 | 55.3 | 54.7 | 54 | 47.7 | 44.4 | 41.1 |
| 150.9 | | | | | | | | 48.7 | 48.3 | 47.8 | 47.4 | 47 | 46.6 | 46.1 | 45.7 | 44.4 | 42.7 | 39.2 |
| 164.0 | | | | | | | | | | 43.6 | 43.1 | 42.7 | 42.3 | 41.9 | 41.4 | 41 | 40.6 | 37 |
| 177.1 | | | | | | | | | | | 39.9 | 39.5 | 39.1 | 38.7 | 38.2 | 37.8 | 37.4 | 34.1 |
| 190.2 | | | | | | | | | | | | 35.7 | 35.2 | 34.8 | 34.4 | 34 | 33.5 | 30.6 |
| 203.4 | | | | | | | | | | | | | | 31.2 | 30.8 | 30.3 | 29.9 | 28.6 |
| 216.5 | | | | | | | | | | | | | | | 27.8 | 27.3 | 26.9 | 25.7 |
| 229.6 | | | | | | | | | | | | | | | | | 24.3 | 23.1 |
| 242.7 | | | | | | | | | | | | | | | | | | 20.7 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

### Load capacities with 184 ft main boom 86°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45.9 | 173.7 | 170.9 | | | | | | | | | | | | | | | | |
| 52.5 | 162.5 | 157.6 | 155.5 | 151.7 | | | | | | | | | | | | | | |
| 59.0 | 148.2 | 145.2 | 143.3 | 141.6 | 139.7 | 137.8 | | | | | | | | | | | | |
| 65.6 | 134.6 | 132.6 | 130.7 | 129 | 127.1 | 125.2 | 123.2 | 121.3 | 119.8 | | | | | | | | | |
| 72.2 | 125.6 | 123 | 121 | 119.2 | 117.3 | 115.3 | 113.3 | 111.3 | 109.8 | 108 | 106.3 | | | | | | | |
| 78.7 | 111.7 | 110 | 108.1 | 106.4 | 104.4 | 102.5 | 100.6 | 98.7 | 97.2 | 95.5 | 93.8 | 91.8 | 87.6 | | | | | |
| 85.3 | 103.6 | 101.9 | 100 | 98 | 96.1 | 94.2 | 94 | 92.1 | 90.3 | 88.6 | 86.7 | 84.8 | 80.7 | 79 | 77 | 75.2 | | |
| 91.8 | | 94 | 92.5 | 91 | 89.5 | 88 | 86.5 | 85 | 83.5 | 82 | 80.5 | 79 | 75.7 | 73.9 | 68.2 | 67.1 | 64.5 | 61.2 |
| 98.4 | | | 84.4 | 83.1 | 81.8 | 80.5 | 79.2 | 78 | 76.7 | 75.4 | 74.1 | 72.8 | 71.6 | 68.2 | 65.1 | 64.2 | 60.1 | 55.7 |
| 111.5 | | | | 75 | 73.9 | 72.8 | 71.8 | 70.7 | 69.6 | 68.6 | 67.5 | 66.4 | 65.4 | 64.3 | 59.4 | 56.5 | 50.6 | 47.5 |
| 124.6 | | | | | 55.9 | 64.9 | 64.1 | 63.2 | 62.4 | 61.5 | 60.7 | 59.8 | 59 | 58.1 | 57.2 | 50.8 | 46 | 42.2 |
| 137.8 | | | | | | | 58.5 | 57.9 | 57.2 | 56.6 | 56 | 55.3 | 54.7 | 54 | 53.4 | 46.2 | 42.7 | 40.5 |
| 150.9 | | | | | | | | 48.5 | 48.1 | 47.6 | 47.2 | 46.8 | 46.3 | 45.9 | 45.5 | 44 | 41.1 | 38.5 |
| 164.0 | | | | | | | | | | 43.4 | 42.9 | 42.5 | 42.1 | 41.7 | 41.2 | 40.8 | 39.2 | 36.3 |
| 177.1 | | | | | | | | | | | 39.9 | 39.5 | 39.1 | 38.7 | 38.2 | 37.8 | 37.4 | 33.4 |
| 190.2 | | | | | | | | | | | | 35.5 | 35 | 34.6 | 34.2 | 33.7 | 33.3 | 29.9 |
| 203.4 | | | | | | | | | | | | | | 31.2 | 30.8 | 30.3 | 29.9 | 27.9 |
| 216.5 | | | | | | | | | | | | | | | 27.8 | 27.3 | 26.9 | 25.1 |
| 229.6 | | | | | | | | | | | | | | | | | 24.1 | 22.4 |
| 242.7 | | | | | | | | | | | | | | | | | | 20 |

### Load capacities with 194 ft main boom 86°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45.9 | 164.9 | | | | | | | | | | | | | | | | | |
| 52.5 | 154.4 | 152.7 | 150.8 | 147 | | | | | | | | | | | | | | |
| 59.0 | 144.6 | 142.9 | 141 | 139.3 | 137.3 | 135.4 | | | | | | | | | | | | |
| 65.6 | 132 | 130.3 | 128.4 | 126.7 | 124.7 | 122.8 | 120.9 | 119 | | | | | | | | | | |
| 72.2 | 122.3 | 120.6 | 118.6 | 116.8 | 114.8 | 112.9 | 110.9 | 108.9 | 107.4 | 105.6 | 103.8 | | | | | | | |
| 78.7 | 109.6 | 107.9 | 105.9 | 104.2 | 102.3 | 100.4 | 98.5 | 96.5 | 95 | 93.3 | 91.6 | 89.7 | 85.6 | | | | | |
| 85.3 | 102.1 | 100.2 | 98 | 96.1 | 94.2 | 92.3 | 92.1 | 90.1 | 88.4 | 86.7 | 84.8 | 82.9 | 79 | 76.1 | 74.4 | 71.7 | | |
| 91.8 | | 92.5 | 91 | 89.5 | 88 | 86.5 | 85 | 83.5 | 82 | 80.5 | 79 | 77.5 | 73.9 | 72.4 | 66.7 | 65.8 | 63.4 | 60.3 |
| 98.4 | | | 82.2 | 81 | 79.7 | 78.4 | 77.1 | 75.8 | 74.5 | 73.3 | 72 | 70.7 | 69.4 | 66.7 | 63.6 | 62.3 | 58.3 | 54.8 |
| 111.5 | | | | 73.9 | 72.8 | 71.8 | 70.7 | 69.6 | 68.6 | 67.5 | 66.4 | 65.4 | 64.3 | 63.2 | 57.9 | 54.6 | 49.5 | 46.6 |
| 124.6 | | | | | 64.9 | 64.1 | 63.2 | 62.4 | 61.5 | 60.7 | 59.8 | 59 | 58.1 | 57.2 | 56.4 | 48.8 | 44.9 | 41.4 |
| 137.8 | | | | | | | 55.3 | 54.9 | 54.5 | 54 | 53.6 | 53.2 | 52.8 | 52.3 | 51.9 | 44.2 | 41.6 | 39.6 |
| 150.9 | | | | | | | | 48.3 | 47.8 | 47.4 | 47 | 46.6 | 46.1 | 45.7 | 45.3 | 42.7 | 40 | 37.6 |
| 164.0 | | | | | | | | | | 43.1 | 42.7 | 42.3 | 41.9 | 41.4 | 41 | 40.6 | 38.1 | 35.4 |
| 177.1 | | | | | | | | | | | 39.5 | 39.1 | 38.7 | 38.2 | 37.8 | 37.4 | 37 | 32.6 |
| 190.2 | | | | | | | | | | | | 35.2 | 34.8 | 34.4 | 34 | 33.5 | 33.1 | 29 |
| 203.4 | | | | | | | | | | | | | | 31 | 30.5 | 30.1 | 29.7 | 27.1 |
| 216.5 | | | | | | | | | | | | | | | 27.6 | 27.1 | 26.7 | 24.2 |
| 229.6 | | | | | | | | | | | | | | | | 24.3 | 23.9 | 21.6 |
| 242.7 | | | | | | | | | | | | | | | | | | 19.1 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

### Load capacities with 66 ft main boom 76°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 59.0 | 165.1 | | | | | | | | | | | | | | | | | |
| 65.6 | 144.3 | 143.7 | 143.2 | | | | | | | | | | | | | | | |
| 72.2 | 127.9 | 127.5 | 126.9 | 126.3 | | | | | | | | | | | | | | |
| 78.7 | 114.6 | 114.2 | 113.9 | 113.3 | 112.7 | 112.1 | | | | | | | | | | | | |
| 85.3 | 103.8 | 103.4 | 103 | 102.4 | 101.8 | 101.2 | 100.6 | | | | | | | | | | | |
| 91.8 | | 94.2 | 93.9 | 93.3 | 92.9 | 92.3 | 91.7 | 91.5 | 90.9 | | | | | | | | | |
| 98.4 | | 86.3 | 86.1 | 85.5 | 85.1 | 84.5 | 84 | 83.8 | 83.2 | 82.6 | | | | | | | | |
| 111.5 | | | | 73.1 | 72.7 | 72.1 | 71.7 | 71.5 | 70.9 | 70.3 | 69.7 | 69.5 | 68.9 | | | | | |
| 124.6 | | | | | 63 | 62.6 | 62.2 | 62 | 61.4 | 60.8 | 60.2 | 60 | 59.4 | 58.8 | 58.2 | 58 | | 49.3 |
| 137.8 | | | | | | | 54.5 | 54.3 | 53.9 | 53.3 | 52.7 | 52.5 | 51.9 | 51.3 | 50.7 | 50.5 | 49.9 | 43.4 |
| 150.9 | | | | | | | | 48.1 | 47.7 | 47.1 | 46.5 | 46.3 | 45.7 | 45.1 | 44.6 | 44.6 | 44 | 38.2 |
| 164.0 | | | | | | | | | 42.4 | 41.8 | 41.4 | 41.4 | 40.8 | 40.2 | 39.6 | 39.4 | 38.8 | 34.1 |
| 177.1 | | | | | | | | | | | 37.2 | 37 | 36.4 | 35.8 | 35.2 | 35.2 | 34.7 | 30.5 |
| 190.2 | | | | | | | | | | | | 33.3 | 32.9 | 32.3 | 31.7 | 31.5 | 31.1 | 27.3 |
| 203.4 | | | | | | | | | | | | | 29.5 | 29.1 | 28.5 | 28.5 | 27.9 | 24.6 |
| 216.5 | | | | | | | | | | | | | | | 25.7 | 25.7 | 25.1 | 22.2 |
| 229.6 | | | | | | | | | | | | | | | | 23.2 | 22.8 | 20 |
| 242.7 | | | | | | | | | | | | | | | | | | 17.8 |

### Load capacities with 75 ft main boom 76°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 59.0 | 163.7 | | | | | | | | | | | | | | | | | |
| 65.6 | 143.2 | 142.6 | | | | | | | | | | | | | | | | |
| 72.2 | 126.9 | 126.3 | 125.7 | 125.1 | | | | | | | | | | | | | | |
| 78.7 | 113.9 | 113.3 | 112.9 | 112.1 | 111.5 | | | | | | | | | | | | | |
| 85.3 | 103 | 102.6 | 102 | 101.4 | 100.8 | 100.2 | | | | | | | | | | | | |
| 91.8 | 93.7 | 93.5 | 93.1 | 92.5 | 91.9 | 91.3 | 90.7 | 90.5 | | | | | | | | | | |
| 98.4 | | 85.7 | 85.3 | 84.7 | 84.3 | 83.8 | 83.2 | 82.8 | 82.2 | 81.6 | | | | | | | | |
| 111.5 | | | | 72.5 | 71.9 | 71.5 | 70.9 | 70.7 | 70.1 | 69.5 | 68.9 | 68.5 | | | | | | |
| 124.6 | | | | | 62.4 | 62 | 61.4 | 61.2 | 60.6 | 60 | 59.4 | 59.2 | 58.6 | 58 | 57.4 | | | |
| 137.8 | | | | | | 54.3 | 53.9 | 53.7 | 53.3 | 52.7 | 52.1 | 51.9 | 51.3 | 50.5 | 50.1 | 49.9 | 49.3 | 48.7 |
| 150.9 | | | | | | | | 47.5 | 47.1 | 46.5 | 45.9 | 45.7 | 45.1 | 44.6 | 44 | 43.8 | 43.2 | 42.6 |
| 164.0 | | | | | | | | | 42 | 41.4 | 41 | 40.8 | 40.2 | 39.6 | 39 | 38.8 | 38.2 | 37.6 |
| 177.1 | | | | | | | | | | 37 | 36.6 | 36.4 | 36 | 35.4 | 34.8 | 34.7 | 34.1 | 33.5 |
| 190.2 | | | | | | | | | | | | 32.9 | 32.3 | 31.7 | 31.3 | 31.1 | 30.5 | 29.9 |
| 203.4 | | | | | | | | | | | | | 29.1 | 28.5 | 28.1 | 27.9 | 27.3 | 26.7 |
| 216.5 | | | | | | | | | | | | | | | 25.3 | 25.1 | 24.8 | 24.2 |
| 229.6 | | | | | | | | | | | | | | | | 22.8 | 22.4 | 21.8 |
| 242.7 | | | | | | | | | | | | | | | | | 20.2 | 19.6 |

### Load capacities with 85 ft main boom 76°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65.6 | 141.8 | 141.2 | | | | | | | | | | | | | | | | |
| 72.2 | 125.7 | 125.1 | 124.5 | | | | | | | | | | | | | | | |
| 78.7 | 112.7 | 112.3 | 111.7 | 111.1 | | | | | | | | | | | | | | |
| 85.3 | 102 | 101.6 | 101 | 100.4 | 99.8 | 99.2 | | | | | | | | | | | | |
| 91.8 | 92.9 | 92.7 | 92.1 | 91.5 | 90.9 | 90.3 | 89.7 | | | | | | | | | | | |
| 98.4 | | 84.9 | 84.5 | 84 | 83.4 | 82.8 | 82.2 | 82 | 81.2 | | | | | | | | | |
| 111.5 | | | 72.1 | 71.7 | 71.3 | 70.7 | 70.1 | 69.9 | 69.1 | 68.5 | 67.9 | 67.7 | | | | | | |
| 124.6 | | | | | 61.8 | 61.2 | 60.8 | 60.4 | 60 | 59.2 | 58.6 | 58.4 | 57.8 | 57.2 | 56.6 | | | |
| 137.8 | | | | | | 53.7 | 53.3 | 53.1 | 52.5 | 51.9 | 51.3 | 51.1 | 50.5 | 49.9 | 49.3 | 49.1 | 48.5 | 47.9 |
| 150.9 | | | | | | | 47.1 | 46.9 | 46.5 | 45.9 | 45.3 | 45.1 | 44.6 | 44 | 43.4 | 43.2 | 42.6 | 42 |
| 164.0 | | | | | | | | | 41.4 | 41 | 40.4 | 40.2 | 39.6 | 39 | 38.4 | 38.2 | 37.6 | 37 |
| 177.1 | | | | | | | | | | 36.6 | 36.2 | 36 | 35.4 | 34.8 | 34.3 | 34.1 | 33.5 | 32.9 |
| 190.2 | | | | | | | | | | | | 32.5 | 31.9 | 31.3 | 30.7 | 30.5 | 29.9 | 29.3 |
| 203.4 | | | | | | | | | | | | | 28.7 | 28.1 | 27.5 | 27.5 | 26.9 | 26.3 |
| 216.5 | | | | | | | | | | | | | | 25.3 | 24.9 | 24.8 | 24.2 | 23.6 |
| 229.6 | | | | | | | | | | | | | | | | 22.4 | 21.8 | 21.2 |
| 242.7 | | | | | | | | | | | | | | | | | 19.8 | 19.2 |
| 255.8 | | | | | | | | | | | | | | | | | | 17.2 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

### Load capacities with 95 ft main boom 76°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65.6 | 140.4 | | | | | | | | | | | | | | | | | |
| 72.2 | 124.5 | 123.9 | | | | | | | | | | | | | | | | |
| 78.7 | 111.7 | 111.1 | 110.5 | 109.9 | | | | | | | | | | | | | | |
| 85.3 | 101 | 100.6 | 100 | 99.4 | 98.6 | | | | | | | | | | | | | |
| 91.8 | 92.1 | 91.7 | 91.1 | 90.5 | 89.9 | 89.3 | 88.5 | | | | | | | | | | | |
| 98.4 | | 84.2 | 83.6 | 83 | 82.4 | 81.8 | 81.2 | 80.8 | | | | | | | | | | |
| 111.5 | | | 71.5 | 70.9 | 70.3 | 69.7 | 69.1 | 68.9 | 68.3 | 67.7 | 66.9 | 66.7 | | | | | | |
| 124.6 | | | | 61.4 | 61 | 60.6 | 60 | 59.8 | 59.2 | 58.4 | 57.8 | 57.6 | 57 | 56.2 | | | | |
| 137.8 | | | | | | 53.1 | 52.7 | 52.5 | 51.9 | 51.3 | 50.7 | 50.3 | 49.7 | 49.1 | 48.5 | 48.3 | 47.7 | |
| 150.9 | | | | | | | 46.5 | 46.3 | 45.9 | 45.3 | 44.7 | 44.6 | 44 | 43.2 | 42.6 | 42.4 | 41.8 | 41.2 |
| 164.0 | | | | | | | | | 41 | 40.4 | 39.8 | 39.6 | 39 | 38.4 | 37.8 | 37.6 | 37 | 36.4 |
| 177.1 | | | | | | | | | | 36 | 35.6 | 35.4 | 34.8 | 34.3 | 33.7 | 33.5 | 32.9 | 32.3 |
| 190.2 | | | | | | | | | | | 32.1 | 31.9 | 31.3 | 30.7 | 30.1 | 30.1 | 29.5 | 28.9 |
| 203.4 | | | | | | | | | | | | | 28.3 | 27.7 | 27.1 | 26.9 | 26.3 | 25.7 |
| 216.5 | | | | | | | | | | | | | | 24.9 | 24.4 | 24.4 | 23.8 | 23.2 |
| 229.6 | | | | | | | | | | | | | | | 22 | 22 | 21.4 | 20.8 |
| 242.7 | | | | | | | | | | | | | | | | | 19.4 | 18.8 |
| 255.8 | | | | | | | | | | | | | | | | | | 16.8 |

### Load capacities with 105 ft main boom 76°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72.2 | 123.2 | 122.6 | | | | | | | | | | | | | | | | |
| 78.7 | 110.5 | 109.9 | 109.3 | | | | | | | | | | | | | | | |
| 85.3 | 100 | 99.4 | 98.8 | 98.2 | 97.6 | | | | | | | | | | | | | |
| 91.8 | 91.1 | 90.7 | 90.1 | 89.5 | 88.9 | 88.1 | | | | | | | | | | | | |
| 98.4 | 83.6 | 83.2 | 82.8 | 82 | 81.4 | 80.8 | 80.2 | 79.8 | | | | | | | | | | |
| 111.5 | | | 70.7 | 70.1 | 69.5 | 68.9 | 68.3 | 68.1 | 67.3 | 66.7 | 66.1 | | | | | | | |
| 124.6 | | | | 60.8 | 60.4 | 59.8 | 59.2 | 59 | 58.4 | 57.6 | 57 | 56.8 | 56.2 | 55.4 | | | | |
| 137.8 | | | | | | 52.5 | 51.9 | 51.7 | 51.1 | 50.5 | 49.9 | 49.7 | 49.1 | 48.3 | 47.7 | 47.5 | 46.9 | |
| 150.9 | | | | | | | 45.9 | 45.7 | 45.1 | 44.6 | 44 | 43.8 | 43.2 | 42.6 | 42 | 41.8 | 41.2 | 40.4 |
| 164.0 | | | | | | | | 40.8 | 40.4 | 39.8 | 39.2 | 39 | 38.4 | 37.8 | 37 | 37 | 36.4 | 35.6 |
| 177.1 | | | | | | | | | | 35.6 | 35 | 34.8 | 34.3 | 33.7 | 33.1 | 32.9 | 32.3 | 31.7 |
| 190.2 | | | | | | | | | | | 31.5 | 31.3 | 30.9 | 30.1 | 29.7 | 29.5 | 28.9 | 28.3 |
| 203.4 | | | | | | | | | | | | 28.3 | 27.7 | 27.1 | 26.5 | 26.5 | 25.9 | 25.3 |
| 216.5 | | | | | | | | | | | | | | 24.6 | 24 | 23.8 | 23.2 | 22.6 |
| 229.6 | | | | | | | | | | | | | | | 21.6 | 21.6 | 21 | 20.4 |
| 242.7 | | | | | | | | | | | | | | | | | 18.8 | 18.2 |
| 255.8 | | | | | | | | | | | | | | | | | | 16.4 |

### Load capacities with 115 ft main boom 76°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72.2 | 121 | | | | | | | | | | | | | | | | | |
| 78.7 | 108.5 | 107.7 | 107.1 | | | | | | | | | | | | | | | |
| 85.3 | 98.2 | 97.6 | 96.8 | 96.2 | | | | | | | | | | | | | | |
| 91.8 | 89.5 | 88.9 | 88.3 | 87.7 | 86.9 | 86.3 | | | | | | | | | | | | |
| 98.4 | 82 | 81.6 | 81 | 80.4 | 79.8 | 79 | 78.4 | | | | | | | | | | | |
| 111.5 | | | 69.3 | 68.7 | 68.1 | 67.5 | 66.7 | 66.5 | 65.9 | 65.1 | | | | | | | | |
| 124.6 | | | | 59.6 | 59 | 58.4 | 57.8 | 57.6 | 57 | 56.2 | 55.6 | 55.4 | 54.6 | | | | | |
| 137.8 | | | | | 51.7 | 51.3 | 50.7 | 50.5 | 49.9 | 49.3 | 48.7 | 48.3 | 47.7 | 47.1 | 46.3 | 46.1 | | |
| 150.9 | | | | | | | 44.9 | 44.7 | 44.2 | 43.6 | 43 | 42.8 | 42 | 41.4 | 40.8 | 40.6 | 40 | 39.2 |
| 164.0 | | | | | | | | 39.8 | 39.4 | 38.8 | 38.2 | 38 | 37.4 | 36.6 | 36 | 35.8 | 35.2 | 34.7 |
| 177.1 | | | | | | | | | 35.2 | 34.7 | 34.1 | 33.9 | 33.3 | 32.7 | 32.1 | 31.9 | 31.3 | 30.7 |
| 190.2 | | | | | | | | | | | 30.7 | 30.5 | 29.9 | 29.3 | 28.7 | 28.5 | 27.9 | 27.3 |
| 203.4 | | | | | | | | | | | | 27.5 | 26.9 | 26.3 | 25.7 | 25.5 | 24.9 | 24.4 |
| 216.5 | | | | | | | | | | | | | | 23.8 | 23.2 | 23 | 22.4 | 21.8 |
| 229.6 | | | | | | | | | | | | | | | 20.8 | 20.8 | 20.2 | 19.6 |
| 242.7 | | | | | | | | | | | | | | | | 18.6 | 18.2 | 17.6 |
| 255.8 | | | | | | | | | | | | | | | | | | 15.8 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

## Load capacities with 125 ft main boom 76°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72.2 | 120.4 | | | | | | | | | | | | | | | | | |
| 78.7 | 107.9 | 107.3 | | | | | | | | | | | | | | | | |
| 85.3 | 97.8 | 97 | 96.4 | 95.6 | | | | | | | | | | | | | | |
| 91.8 | 89.1 | 88.5 | 87.9 | 87.1 | 86.5 | | | | | | | | | | | | | |
| 98.4 | 81.8 | 81.2 | 80.6 | 80 | 79.4 | 78.6 | 78 | | | | | | | | | | | |
| 111.5 | | 69.3 | 68.9 | 68.3 | 67.7 | 67.1 | 66.3 | 66.1 | 65.5 | 64.7 | | | | | | | | |
| 124.6 | | | | 59.2 | 58.8 | 58.2 | 57.4 | 57.2 | 56.6 | 55.8 | 55.2 | 55 | 54.3 | | | | | |
| 137.8 | | | | | 51.5 | 51.1 | 50.5 | 50.1 | 49.5 | 48.9 | 48.3 | 47.9 | 47.3 | 46.7 | 45.9 | 45.7 | | |
| 150.9 | | | | | | 45.1 | 44.6 | 44.4 | 43.8 | 43.2 | 42.6 | 42.4 | 41.8 | 41 | 40.4 | 40.2 | 39.6 | 38.8 |
| 164.0 | | | | | | | | 39.6 | 39 | 38.4 | 37.8 | 37.6 | 37 | 36.4 | 35.6 | 35.4 | 34.8 | 34.3 |
| 177.1 | | | | | | | | | 35 | 34.5 | 33.9 | 33.7 | 33.1 | 32.5 | 31.7 | 31.7 | 30.9 | 30.3 |
| 190.2 | | | | | | | | | | | 30.5 | 30.3 | 29.7 | 28.9 | 28.3 | 28.3 | 27.7 | 26.9 |
| 203.4 | | | | | | | | | | | | 27.3 | 26.7 | 26.1 | 25.5 | 25.3 | 24.8 | 24.2 |
| 216.5 | | | | | | | | | | | | | 24.2 | 23.6 | 23 | 22.8 | 22.2 | 21.6 |
| 229.6 | | | | | | | | | | | | | | | 20.6 | 20.6 | 20 | 19.4 |
| 242.7 | | | | | | | | | | | | | | | | 18.4 | 18 | 17.4 |
| 255.8 | | | | | | | | | | | | | | | | | 16 | 15.6 |

## Load capacities with 134 ft main boom 76°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78.7 | 106.5 | 105.9 | | | | | | | | | | | | | | | | |
| 85.3 | 96.4 | 95.8 | | | | | | | | | | | | | | | | |
| 91.8 | 87.9 | 87.3 | 86.7 | 85.9 | 85.3 | | | | | | | | | | | | | |
| 98.4 | 80.6 | 80.2 | 79.6 | 78.8 | 78.2 | 77.4 | | | | | | | | | | | | |
| 111.5 | | 68.5 | 67.9 | 67.3 | 66.7 | 65.9 | 65.3 | 64.9 | 64.4 | | | | | | | | | |
| 124.6 | | | 58.8 | 58.4 | 57.8 | 57.2 | 56.6 | 56.2 | 55.6 | 54.8 | 54.3 | 54.1 | | | | | | |
| 137.8 | | | | | 50.7 | 50.1 | 49.5 | 49.3 | 48.7 | 48.1 | 47.3 | 47.1 | 46.5 | 45.7 | 45.1 | | | |
| 150.9 | | | | | | 44.4 | 44 | 43.8 | 43 | 42.4 | 41.8 | 41.6 | 40.8 | 40.2 | 39.6 | 39.4 | 38.6 | 38 |
| 164.0 | | | | | | | | 39 | 38.4 | 37.8 | 37 | 36.8 | 36.2 | 35.6 | 34.8 | 34.7 | 34.1 | 33.5 |
| 177.1 | | | | | | | | | 34.5 | 33.9 | 33.3 | 33.1 | 32.3 | 31.7 | 31.1 | 30.9 | 30.3 | 29.5 |
| 190.2 | | | | | | | | | | 30.3 | 29.7 | 29.7 | 29.1 | 28.3 | 27.7 | 27.5 | 26.9 | 26.3 |
| 203.4 | | | | | | | | | | | | 26.7 | 26.1 | 25.5 | 24.9 | 24.8 | 24.2 | 23.6 |
| 216.5 | | | | | | | | | | | | | 23.6 | 23 | 22.4 | 22.2 | 21.6 | 21 |
| 229.6 | | | | | | | | | | | | | | 20.6 | 20.2 | 20 | 19.4 | 18.8 |
| 242.7 | | | | | | | | | | | | | | | | 18 | 17.4 | 16.8 |
| 255.8 | | | | | | | | | | | | | | | | | 15.6 | 15 |

## Load capacities with 144 ft main boom 76°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78.7 | 105.1 | | | | | | | | | | | | | | | | | |
| 85.3 | 95.2 | 94.4 | 93.9 | | | | | | | | | | | | | | | |
| 91.8 | 86.9 | 86.1 | 85.5 | 84.7 | | | | | | | | | | | | | | |
| 98.4 | 79.6 | 79 | 78.4 | 77.8 | 77 | 76.2 | | | | | | | | | | | | |
| 111.5 | | 67.5 | 67.1 | 66.3 | 65.7 | 64.9 | 64.4 | 64 | 63.4 | | | | | | | | | |
| 124.6 | | | 58.2 | 57.6 | 57 | 56.2 | 55.6 | 55.4 | 54.6 | 54.1 | 53.3 | 53.1 | | | | | | |
| 137.8 | | | | | 50.1 | 49.5 | 48.7 | 48.5 | 47.9 | 47.1 | 46.5 | 46.3 | 45.5 | 44.9 | 44.2 | | | |
| 150.9 | | | | | | 43.8 | 43.2 | 43 | 42.4 | 41.6 | 41 | 40.8 | 40.2 | 39.4 | 38.8 | 38.6 | 37.8 | 37.2 |
| 164.0 | | | | | | | 38.4 | 38.2 | 37.6 | 37 | 36.4 | 36.2 | 35.6 | 34.8 | 34.3 | 34.1 | 33.3 | 32.7 |
| 177.1 | | | | | | | | | 33.7 | 33.1 | 32.5 | 32.3 | 31.7 | 31.1 | 30.3 | 30.3 | 29.5 | 28.9 |
| 190.2 | | | | | | | | | | 29.7 | 29.3 | 29.1 | 28.5 | 27.7 | 27.1 | 26.9 | 26.3 | 25.7 |
| 203.4 | | | | | | | | | | | 26.3 | 26.1 | 25.5 | 24.9 | 24.4 | 24.2 | 23.6 | 22.8 |
| 216.5 | | | | | | | | | | | | | 23 | 22.4 | 21.8 | 21.6 | 21 | 20.4 |
| 229.6 | | | | | | | | | | | | | | 20.2 | 19.6 | 19.4 | 18.8 | 18.2 |
| 242.7 | | | | | | | | | | | | | | | | 17.6 | 17 | 16.4 |
| 255.8 | | | | | | | | | | | | | | | | | 15.2 | 14.7 |
| 269.0 | | | | | | | | | | | | | | | | | | 13.1 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

## Load capacities with 154 ft main boom 76°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78.7 | 103.8 | | | | | | | | | | | | | | | | | |
| 85.3 | 94.4 | 93.1 | | | | | | | | | | | | | | | | |
| 91.8 | 85.5 | 84.9 | 84.2 | | | | | | | | | | | | | | | |
| 98.4 | 78.6 | 77.8 | 77.2 | 76.4 | 75.8 | | | | | | | | | | | | | |
| 111.5 | | 66.5 | 65.9 | 65.3 | 64.5 | 64 | 63.2 | 63 | | | | | | | | | | |
| 124.6 | | | 57.2 | 56.6 | 56 | 55.4 | 54.6 | 54.5 | 53.7 | 52.9 | 52.3 | | | | | | | |
| 137.8 | | | | 49.7 | 49.1 | 48.5 | 47.9 | 47.7 | 46.9 | 46.3 | 45.5 | 45.3 | 44.6 | | | | | |
| 150.9 | | | | | | 43 | 42.4 | 42.2 | 41.6 | 40.8 | 40.2 | 40 | 39.2 | 38.4 | 37.8 | 37.6 | 37 | |
| 164.0 | | | | | | | 37.8 | 37.6 | 37 | 36.2 | 35.6 | 35.4 | 34.8 | 34.1 | 33.5 | 33.3 | 32.5 | 31.9 |
| 177.1 | | | | | | | | 33.7 | 33.1 | 32.5 | 31.9 | 31.7 | 30.9 | 30.3 | 29.7 | 29.5 | 28.7 | 28.1 |
| 190.2 | | | | | | | | | | 29.1 | 28.5 | 28.3 | 27.7 | 27.1 | 26.3 | 26.3 | 25.5 | 24.9 |
| 203.4 | | | | | | | | | | | 25.7 | 25.5 | 24.9 | 24.4 | 23.6 | 22.8 | 22.2 | 22.2 |
| 216.5 | | | | | | | | | | | | | 22.4 | 21.8 | 21.2 | 21 | 20.4 | 19.8 |
| 229.6 | | | | | | | | | | | | | | 19.6 | 19 | 19 | 18.2 | 17.6 |
| 242.7 | | | | | | | | | | | | | | | 17 | 17 | 16.4 | 15.8 |
| 255.8 | | | | | | | | | | | | | | | | | 14.7 | 14.1 |
| 269.0 | | | | | | | | | | | | | | | | | | 12.5 |

## Load capacities with 164 ft main boom 76°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 85.3 | 92.5 | 91.7 | | | | | | | | | | | | | | | | |
| 91.8 | 84.2 | 83.6 | 82.8 | | | | | | | | | | | | | | | |
| 98.4 | 77.2 | 76.6 | 76 | 75.2 | | | | | | | | | | | | | | |
| 111.5 | 65.9 | 65.5 | 64.9 | 64.2 | 63.6 | 62.8 | 62 | | | | | | | | | | | |
| 124.6 | | | 56.2 | 55.6 | 55 | 54.3 | 53.7 | 53.3 | 52.7 | 51.9 | | | | | | | | |
| 137.8 | | | | 48.9 | 48.3 | 47.7 | 46.9 | 46.7 | 45.9 | 45.3 | 44.6 | 44.4 | 43.6 | | | | | |
| 150.9 | | | | | 42.8 | 42.2 | 41.6 | 41.4 | 40.6 | 40 | 39.2 | 39 | 38.4 | 37.6 | 36.8 | 36.6 | | |
| 164.0 | | | | | | | 37 | 36.8 | 36.2 | 35.4 | 34.8 | 34.7 | 33.9 | 33.3 | 32.5 | 32.3 | 31.7 | 30.9 |
| 177.1 | | | | | | | | 32.9 | 32.3 | 31.7 | 31.1 | 30.9 | 30.3 | 29.5 | 28.9 | 28.7 | 27.9 | 27.3 |
| 190.2 | | | | | | | | | | 28.5 | 33.9 | 27.7 | 27.1 | 26.3 | 25.7 | 25.5 | 24.9 | 24.2 |
| 203.4 | | | | | | | | | | | 25.1 | 24.9 | 24.4 | 23.6 | 23 | 22.8 | 22.2 | 21.6 |
| 216.5 | | | | | | | | | | | | 22.4 | 21.8 | 21.2 | 20.6 | 20.4 | 19.8 | 19.2 |
| 229.6 | | | | | | | | | | | | | | 19 | 18.4 | 18.4 | 17.6 | 17 |
| 242.7 | | | | | | | | | | | | | | | 16.6 | 16.4 | 15.8 | 15.2 |
| 255.8 | | | | | | | | | | | | | | | | 14.7 | 14.3 | 13.5 |
| 269.0 | | | | | | | | | | | | | | | | | | 12.1 |

## Load capacities with 174 ft main boom 76°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 85.3 | 90.9 | | | | | | | | | | | | | | | | | |
| 91.8 | 82.8 | 82.2 | | | | | | | | | | | | | | | | |
| 98.4 | 76 | 75.2 | 74.6 | 73.9 | | | | | | | | | | | | | | |
| 111.5 | 64.9 | 64.4 | 63.8 | 63 | 62.4 | 61.6 | 60.8 | | | | | | | | | | | |
| 124.6 | | 55.8 | 55.2 | 54.6 | 54.1 | 53.3 | 52.5 | 52.3 | 51.5 | 50.7 | | | | | | | | |
| 137.8 | | | | 47.9 | 47.3 | 46.7 | 45.9 | 45.7 | 44.9 | 44.4 | 43.6 | 43.4 | 42.6 | | | | | |
| 150.9 | | | | | 41.8 | 41.4 | 40.6 | 40.4 | 39.8 | 39 | 38.4 | 38 | 37.4 | 36.6 | 35.8 | 35.6 | | |
| 164.0 | | | | | | | 36.2 | 36 | 35.4 | 34.7 | 34.1 | 33.7 | 33.1 | 32.3 | 31.7 | 31.5 | 30.7 | 30.1 |
| 177.1 | | | | | | | | 32.3 | 31.7 | 30.9 | 30.3 | 30.1 | 29.5 | 28.7 | 28.1 | 27.9 | 27.1 | 26.5 |
| 190.2 | | | | | | | | | 28.3 | 27.7 | 27.1 | 26.9 | 26.3 | 25.5 | 24.9 | 24.8 | 24.2 | 23.4 |
| 203.4 | | | | | | | | | | | 24.4 | 24.2 | 23.6 | 23 | 22.4 | 22.2 | 21.4 | 20.8 |
| 216.5 | | | | | | | | | | | | 21.8 | 21.2 | 20.6 | 20 | 19.8 | 19.2 | 18.4 |
| 229.6 | | | | | | | | | | | | | 19 | 18.4 | 17.8 | 17.6 | 17 | 16.4 |
| 242.7 | | | | | | | | | | | | | | | 16 | 15.8 | 15.2 | 14.7 |
| 255.8 | | | | | | | | | | | | | | | | 14.3 | 13.7 | 13.1 |
| 269.0 | | | | | | | | | | | | | | | | | | 11.5 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

### Load capacities with 184 ft main boom 76°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 91.8 | 81.8 | 81 | | | | | | | | | | | | | | | | |
| 98.4 | 75 | 74.3 | 73.5 | | | | | | | | | | | | | | | |
| 111.5 | 64.2 | 63.6 | 62.8 | 62 | 61.4 | 60.6 | | | | | | | | | | | | |
| 124.6 | | 55 | 54.5 | 53.9 | 53.1 | 52.5 | 51.7 | 51.3 | 50.7 | | | | | | | | | |
| 137.8 | | | | 47.1 | 46.5 | 45.9 | 45.1 | 44.9 | 44.2 | 43.6 | 42.8 | 42.4 | | | | | | |
| 150.9 | | | | | 41.2 | 40.6 | 40 | 39.8 | 39 | 38.2 | 37.6 | 37.4 | 36.6 | 35.8 | 35.2 | | | |
| 164.0 | | | | | | 36 | 35.6 | 35.2 | 34.7 | 34.1 | 33.3 | 33.1 | 32.3 | 31.7 | 30.9 | 30.7 | 30.1 | 29.3 |
| 177.1 | | | | | | | | 31.7 | 31.1 | 30.3 | 29.7 | 29.5 | 28.7 | 28.1 | 27.3 | 27.1 | 26.5 | 25.7 |
| 190.2 | | | | | | | | | 27.9 | 27.1 | 26.5 | 26.3 | 25.7 | 24.9 | 24.4 | 24.2 | 23.6 | 22.8 |
| 203.4 | | | | | | | | | | 24.4 | 24 | 23.8 | 23 | 22.4 | 21.8 | 21.6 | 20.8 | 20.2 |
| 216.5 | | | | | | | | | | | | 21.4 | 20.8 | 20 | 19.4 | 19.2 | 18.6 | 17.8 |
| 229.6 | | | | | | | | | | | | | 18.6 | 18 | 17.4 | 17.2 | 16.6 | 15.8 |
| 242.7 | | | | | | | | | | | | | | | 15.4 | 15.4 | 14.9 | 14.1 |
| 255.8 | | | | | | | | | | | | | | | | 13.7 | 13.1 | 12.5 |
| 269.0 | | | | | | | | | | | | | | | | | 11.7 | 11.1 |

### Load capacities with 194 ft main boom 76°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 91.8 | 80.2 | | | | | | | | | | | | | | | | | |
| 98.4 | 73.7 | 72.9 | 72.1 | | | | | | | | | | | | | | | |
| 111.5 | 63 | 62.4 | 61.6 | 60.8 | 60 | 59.2 | | | | | | | | | | | | |
| 124.6 | | 54.1 | 53.5 | 52.7 | 52.1 | 51.3 | 50.5 | 50.3 | 49.5 | | | | | | | | | |
| 137.8 | | | 46.9 | 46.3 | 45.5 | 44.9 | 44.2 | 44 | 43.2 | 42.4 | 41.8 | 41.4 | | | | | | |
| 150.9 | | | | | 40.4 | 39.8 | 39 | 38.8 | 38 | 37.4 | 36.6 | 36.4 | 35.6 | 34.8 | 34.1 | | | |
| 164.0 | | | | | | 35.2 | 34.7 | 34.5 | 33.9 | 33.1 | 32.5 | 32.1 | 31.5 | 30.7 | 30.1 | 29.7 | 29.1 | 28.3 |
| 177.1 | | | | | | | 31.1 | 30.9 | 30.3 | 29.5 | 28.9 | 28.7 | 27.9 | 27.1 | 26.5 | 26.3 | 25.5 | 24.9 |
| 190.2 | | | | | | | | | 27.1 | 26.5 | 25.9 | 25.5 | 24.9 | 24.2 | 23.6 | 23.4 | 22.6 | 22 |
| 203.4 | | | | | | | | | | 23.8 | 23.2 | 23 | 22.4 | 21.6 | 21 | 20.8 | 20.2 | 19.4 |
| 216.5 | | | | | | | | | | | | 20.6 | 20 | 19.4 | 18.8 | 18.6 | 17.8 | 17.2 |
| 229.6 | | | | | | | | | | | | | 18 | 17.4 | 16.6 | 16.6 | 15.8 | 15.2 |
| 242.7 | | | | | | | | | | | | | | 15.4 | 14.9 | 14.9 | 14.3 | 13.5 |
| 255.8 | | | | | | | | | | | | | | | | 13.3 | 13.3 | 11.9 |
| 269.0 | | | | | | | | | | | | | | | | | 11.1 | 10.5 |
| 282.1 | | | | | | | | | | | | | | | | | | 9.1 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

## Load capacities with 66 ft main boom 66°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78.7 | 109.5 | | | | | | | | | | | | | | | | | |
| 85.3 | 99 | 98.4 | | | | | | | | | | | | | | | | |
| 91.8 | 90.3 | 89.7 | 89.1 | | | | | | | | | | | | | | | |
| 98.4 | 82.8 | 82.4 | 81.8 | 81.2 | | | | | | | | | | | | | | |
| 111.5 | | | 69.9 | 69.3 | 68.7 | 68.1 | | | | | | | | | | | | |
| 124.6 | | | | 60.2 | 59.6 | 59 | 58.4 | 58.2 | 57.6 | | | | | | | | | |
| 137.8 | | | | | 52.3 | 51.9 | 51.3 | 51.1 | 50.5 | 49.9 | 49.1 | | | | | | | |
| 150.9 | | | | | | | 45.3 | 45.1 | 44.6 | 44 | 43.4 | 43.2 | 42.6 | | | | | |
| 164.0 | | | | | | | | 40.4 | 39.8 | 39.2 | 38.6 | 38.4 | 37.8 | 37.2 | 36.6 | | | |
| 177.1 | | | | | | | | | | 35 | 34.7 | 34.5 | 33.9 | 33.1 | 32.5 | 32.3 | 31.7 | |
| 190.2 | | | | | | | | | | | 31.1 | 30.9 | 30.3 | 29.7 | 29.1 | 28.9 | 28.3 | 27.7 |
| 203.4 | | | | | | | | | | | | 27.9 | 27.3 | 26.7 | 26.1 | 25.9 | 25.3 | 24.8 |
| 216.5 | | | | | | | | | | | | | | 24.2 | 23.6 | 23.4 | 22.8 | 22.2 |
| 229.6 | | | | | | | | | | | | | | | 21.2 | 21.2 | 20.6 | 20 |
| 242.7 | | | | | | | | | | | | | | | | 19 | 18.4 | 17.8 |
| 255.8 | | | | | | | | | | | | | | | | | | 16 |

## Load capacities with 75 ft main boom 66°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 85.3 | 97.4 | | | | | | | | | | | | | | | | | |
| 91.8 | 88.9 | 88.3 | | | | | | | | | | | | | | | | |
| 98.4 | 81.4 | 81 | 80.4 | | | | | | | | | | | | | | | |
| 111.5 | | 69.1 | 68.7 | 68.1 | 67.5 | 66.7 | | | | | | | | | | | | |
| 124.6 | | | | 59 | 58.6 | 57.8 | 57.2 | 57 | | | | | | | | | | |
| 137.8 | | | | | 51.3 | 50.9 | 50.3 | 49.9 | 49.3 | 48.7 | | | | | | | | |
| 150.9 | | | | | | 44.9 | 44.6 | 44.2 | 43.6 | 43 | 42.4 | 42.2 | | | | | | |
| 164.0 | | | | | | | | 39.4 | 38.8 | 38.2 | 37.6 | 37.4 | 36.8 | 36.2 | | | | |
| 177.1 | | | | | | | | | 34.8 | 34.3 | 33.7 | 33.5 | 32.9 | 32.3 | 31.7 | 31.5 | 30.9 | |
| 190.2 | | | | | | | | | | 30.7 | 30.3 | 30.1 | 29.5 | 28.9 | 28.3 | 28.1 | 27.5 | 26.7 |
| 203.4 | | | | | | | | | | | | 27.1 | 26.5 | 25.9 | 25.3 | 25.1 | 24.6 | 24 |
| 216.5 | | | | | | | | | | | | | 24 | 23.4 | 22.8 | 22.6 | 22 | 21.4 |
| 229.6 | | | | | | | | | | | | | | | 20.6 | 20.4 | 19.8 | 19.2 |
| 242.7 | | | | | | | | | | | | | | | | 18.4 | 17.8 | 17.2 |
| 255.8 | | | | | | | | | | | | | | | | | 16 | 15.4 |

## Load capacities with 85 ft main boom 66°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 91.8 | 87.3 | 86.7 | | | | | | | | | | | | | | | | |
| 98.4 | 80.2 | 79.6 | 78.8 | | | | | | | | | | | | | | | |
| 111.5 | | 67.9 | 67.3 | 66.7 | 66.1 | | | | | | | | | | | | | |
| 124.6 | | | 58.4 | 57.8 | 57.4 | 56.6 | 56 | | | | | | | | | | | |
| 137.8 | | | | | 50.3 | 49.7 | 49.1 | 48.9 | 48.1 | | | | | | | | | |
| 150.9 | | | | | | 44 | 43.4 | 43.2 | 42.6 | 42 | 41.4 | 41 | | | | | | |
| 164.0 | | | | | | | 38.6 | 38.6 | 38 | 37.2 | 37 | 36.4 | 35.8 | 35 | | | | |
| 177.1 | | | | | | | | | 34.1 | 33.5 | 32.9 | 32.5 | 31.9 | 31.3 | 30.7 | 30.5 | | |
| 190.2 | | | | | | | | | | 29.9 | 29.5 | 29.3 | 28.7 | 27.9 | 27.3 | 27.1 | 26.5 | 25.9 |
| 203.4 | | | | | | | | | | | 26.5 | 26.3 | 25.7 | 25.1 | 24.6 | 24.4 | 23.8 | 23 |
| 216.5 | | | | | | | | | | | | | 23.2 | 22.6 | 22 | 21.8 | 21.2 | 20.6 |
| 229.6 | | | | | | | | | | | | | | 20.4 | 19.8 | 19.6 | 19 | 18.4 |
| 242.7 | | | | | | | | | | | | | | | | 17.6 | 17 | 16.4 |
| 255.8 | | | | | | | | | | | | | | | | | 15.4 | 14.9 |
| 269.0 | | | | | | | | | | | | | | | | | | 13.3 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

## Load capacities with 95 ft main boom 66°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 91.8 | 85.7 | | | | | | | | | | | | | | | | | |
| 98.4 | 78.6 | 78 | | | | | | | | | | | | | | | | |
| 111.5 | 67.1 | 66.5 | 65.9 | 65.3 | | | | | | | | | | | | | | |
| 124.6 | | | 57.2 | 56.6 | 56 | 55.4 | | | | | | | | | | | | |
| 137.8 | | | | 49.7 | 49.1 | 48.5 | 47.9 | 47.7 | 46.9 | | | | | | | | | |
| 150.9 | | | | | 43.6 | 43 | 42.4 | 42.2 | 41.6 | 40.8 | 40.2 | | | | | | | |
| 164.0 | | | | | | | 37.8 | 37.6 | 37 | 36.2 | 35.6 | 35.4 | 34.7 | | | | | |
| 177.1 | | | | | | | | 33.7 | 33.1 | 32.5 | 31.9 | 31.7 | 30.9 | 30.3 | 29.5 | | | |
| 190.2 | | | | | | | | | | 29.1 | 28.5 | 28.3 | 27.7 | 26.9 | 26.3 | 26.1 | 25.5 | 24.9 |
| 203.4 | | | | | | | | | | | 25.7 | 25.5 | 24.9 | 24.2 | 23.6 | 23.4 | 22.8 | 22.2 |
| 216.5 | | | | | | | | | | | | 23 | 22.4 | 21.8 | 21.2 | 21 | 20.4 | 19.8 |
| 229.6 | | | | | | | | | | | | | | 19.6 | 19 | 18.8 | 18.2 | 17.6 |
| 242.7 | | | | | | | | | | | | | | | 17 | 17 | 16.4 | 15.8 |
| 255.8 | | | | | | | | | | | | | | | | | 14.7 | 14.1 |
| 269.0 | | | | | | | | | | | | | | | | | | 12.5 |

## Load capacities with 105 ft main boom 66°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 98.4 | 77 | | | | | | | | | | | | | | | | | |
| 111.5 | 65.9 | 65.3 | 64.5 | 64 | | | | | | | | | | | | | | |
| 124.6 | | 56.6 | 56 | 55.4 | 54.8 | 54.1 | | | | | | | | | | | | |
| 137.8 | | | | 48.7 | 48.1 | 47.3 | 46.7 | 46.3 | | | | | | | | | | |
| 150.9 | | | | | 42.6 | 42 | 41.4 | 41 | 40.4 | 39.6 | | | | | | | | |
| 164.0 | | | | | | 37.2 | 36.8 | 36.6 | 35.8 | 35.2 | 34.7 | 34.3 | | | | | | |
| 177.1 | | | | | | | | 32.7 | 32.1 | 31.5 | 30.9 | 30.7 | 29.9 | 29.3 | 28.5 | | | |
| 190.2 | | | | | | | | | 28.9 | 28.3 | 27.7 | 27.5 | 26.7 | 26.1 | 25.3 | 25.1 | 24.6 | |
| 203.4 | | | | | | | | | | | 24.9 | 24.8 | 24.2 | 23.4 | 22.8 | 22.6 | 22 | 21.2 |
| 216.5 | | | | | | | | | | | | 22.2 | 21.6 | 21 | 20.4 | 20.2 | 19.6 | 18.8 |
| 229.6 | | | | | | | | | | | | | 19.4 | 18.8 | 18.2 | 18 | 17.4 | 16.8 |
| 242.7 | | | | | | | | | | | | | | | 16.4 | 16.2 | 15.6 | 15 |
| 255.8 | | | | | | | | | | | | | | | | 14.5 | 14.1 | 13.3 |
| 269.0 | | | | | | | | | | | | | | | | | 12.5 | 11.9 |

## Load capacities with 115 ft main boom 66°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 98.4 | 75.4 | | | | | | | | | | | | | | | | | |
| 111.5 | 64.5 | 63.8 | 63.2 | | | | | | | | | | | | | | | |
| 124.6 | | 55.4 | 54.8 | 54.1 | 53.5 | | | | | | | | | | | | | |
| 137.8 | | | 48.1 | 47.5 | 46.9 | 46.1 | 45.5 | | | | | | | | | | | |
| 150.9 | | | | | 41.4 | 40.7 | 40.2 | 39.8 | 39.2 | | | | | | | | | |
| 164.0 | | | | | | 36.4 | 35.8 | 35.4 | 34.8 | 34.1 | 33.5 | 33.3 | | | | | | |
| 177.1 | | | | | | | 31.9 | 31.9 | 31.1 | 30.5 | 29.9 | 29.5 | 28.9 | 28.1 | | | | |
| 190.2 | | | | | | | | | 27.9 | 27.3 | 26.7 | 26.5 | 25.7 | 25.1 | 24.4 | 24.2 | | |
| 203.4 | | | | | | | | | | 24.6 | 24 | 23.8 | 23.2 | 22.4 | 21.8 | 21.6 | 21 | 20.2 |
| 216.5 | | | | | | | | | | | | 21.4 | 20.8 | 20.2 | 19.4 | 19.2 | 18.6 | 18 |
| 229.6 | | | | | | | | | | | | | 18.8 | 18 | 17.4 | 17.2 | 16.6 | 16 |
| 242.7 | | | | | | | | | | | | | | 16.2 | 15.6 | 15.4 | 14.9 | 14.3 |
| 255.8 | | | | | | | | | | | | | | | | 13.9 | 13.3 | 12.7 |
| 269.0 | | | | | | | | | | | | | | | | | 11.7 | 11.1 |
| 282.1 | | | | | | | | | | | | | | | | | | 9.7 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

## Load capacities with 125 ft main boom 66°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 111.5 | 63 | 62.2 | | | | | | | | | | | | | | | | |
| 124.6 | 54.5 | 54.1 | 53.5 | 52.7 | | | | | | | | | | | | | | |
| 137.8 | | | 46.9 | 46.1 | 45.5 | 44.7 | 44.2 | | | | | | | | | | | |
| 150.9 | | | | 40.8 | 40.2 | 39.6 | 39 | 38.6 | 37.8 | | | | | | | | | |
| 164.0 | | | | | | 35.2 | 34.7 | 34.5 | 33.7 | 32.9 | 32.3 | | | | | | | |
| 177.1 | | | | | | | 30.9 | 30.7 | 30.1 | 29.3 | 28.7 | 28.5 | 27.7 | | | | | |
| 190.2 | | | | | | | | 27.5 | 26.9 | 26.3 | 25.7 | 25.3 | 24.8 | 24 | 23.4 | 23.2 | | |
| 203.4 | | | | | | | | | | 23.8 | 23 | 22.8 | 22.2 | 21.4 | 20.8 | 20.6 | 19.8 | 19.2 |
| 216.5 | | | | | | | | | | | 20.8 | 20.6 | 19.8 | 19.2 | 18.6 | 18.4 | 17.6 | 17 |
| 229.6 | | | | | | | | | | | | 18.5 | 17.8 | 17.2 | 16.6 | 16.4 | 15.6 | 15 |
| 242.7 | | | | | | | | | | | | | | 15.4 | 14.9 | 14.7 | 14.1 | 13.3 |
| 255.8 | | | | | | | | | | | | | | | 13.3 | 13.1 | 12.5 | 11.7 |
| 269.0 | | | | | | | | | | | | | | | | | 10.9 | 10.3 |
| 282.1 | | | | | | | | | | | | | | | | | | 9.1 |

## Load capacities with 134 ft main boom 66°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 111.5 | 61.4 | 60.6 | | | | | | | | | | | | | | | | |
| 124.6 | 53.3 | 52.5 | 51.9 | 51.1 | | | | | | | | | | | | | | |
| 137.8 | | 46.1 | 45.5 | 44.7 | 44.2 | 43.4 | | | | | | | | | | | | |
| 150.9 | | | | 39.6 | 39 | 38.2 | 37.6 | 37.2 | | | | | | | | | | |
| 164.0 | | | | | 34.7 | 34.1 | 33.5 | 33.1 | 32.5 | 31.7 | | | | | | | | |
| 177.1 | | | | | | | 29.9 | 29.7 | 28.9 | 28.3 | 27.5 | 27.3 | 26.5 | | | | | |
| 190.2 | | | | | | | | 26.5 | 25.9 | 25.3 | 24.6 | 24.4 | 23.6 | 23 | 22.2 | | | |
| 203.4 | | | | | | | | | 23.4 | 22.8 | 22 | 21.8 | 21.2 | 20.4 | 19.8 | 19.4 | 18.8 | |
| 216.5 | | | | | | | | | | | 19.8 | 19.6 | 19 | 18.2 | 17.6 | 17.4 | 16.6 | 16 |
| 229.6 | | | | | | | | | | | | 17.6 | 17 | 16.2 | 15.6 | 15.4 | 14.9 | 14.1 |
| 242.7 | | | | | | | | | | | | | 15.2 | 14.5 | 13.9 | 13.7 | 13.1 | 12.5 |
| 255.8 | | | | | | | | | | | | | | | 12.3 | 12.3 | 11.5 | 10.9 |
| 269.0 | | | | | | | | | | | | | | | | 10.9 | 10.1 | 9.5 |
| 282.1 | | | | | | | | | | | | | | | | | | 8.3 |

## Load capacities with 144 ft main boom 66°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 111.5 | 59.8 | | | | | | | | | | | | | | | | | |
| 124.6 | 51.9 | 51.3 | 50.5 | | | | | | | | | | | | | | | |
| 137.8 | | 44.9 | 44.4 | 43.6 | 42.8 | | | | | | | | | | | | | |
| 150.9 | | | 39.2 | 38.6 | 37.8 | 37 | 36.4 | 36 | | | | | | | | | | |
| 164.0 | | | | | 33.7 | 33.1 | 32.3 | 32.1 | 31.3 | 30.5 | | | | | | | | |
| 177.1 | | | | | | 29.5 | 28.9 | 28.5 | 27.9 | 27.1 | 26.5 | 26.1 | | | | | | |
| 190.2 | | | | | | | | 25.7 | 24.9 | 24.4 | 23.6 | 23.4 | 22.6 | 21.8 | | | | |
| 203.4 | | | | | | | | | 22.4 | 21.8 | 21.2 | 20.8 | 20.2 | 19.4 | 18.8 | 18.4 | | |
| 216.5 | | | | | | | | | | 19.6 | 19 | 18.6 | 18 | 17.2 | 16.6 | 16.4 | 15.6 | 15 |
| 229.6 | | | | | | | | | | | | 16.8 | 16 | 15.4 | 14.9 | 14.5 | 13.9 | 13.1 |
| 242.7 | | | | | | | | | | | | | 14.5 | 13.7 | 13.1 | 12.9 | 12.3 | 11.5 |
| 255.8 | | | | | | | | | | | | | | 12.3 | 11.7 | 11.5 | 10.7 | 10.1 |
| 269.0 | | | | | | | | | | | | | | | | 10.1 | 9.5 | 8.7 |
| 282.1 | | | | | | | | | | | | | | | | | 8.1 | 7.5 |

## Load capacities with 154 ft main boom 66°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 124.6 | 50.3 | 49.5 | | | | | | | | | | | | | | | | |
| 137.8 | | 43.6 | 42.8 | 42 | | | | | | | | | | | | | | |
| 150.9 | | | 37.8 | 37.2 | 36.4 | 35.6 | 34.8 | | | | | | | | | | | |
| 164.0 | | | | 33.1 | 32.5 | 31.7 | 31.1 | 30.7 | 29.9 | | | | | | | | | |
| 177.1 | | | | | | 28.3 | 27.7 | 27.3 | 26.7 | 25.9 | 25.1 | | | | | | | |
| 190.2 | | | | | | | 24.8 | 24.6 | 24 | 23.2 | 22.4 | 22.2 | 21.4 | | | | | |
| 203.4 | | | | | | | | 22 | 21.4 | 20.8 | 20 | 19.8 | 19 | 18.2 | 17.6 | 17.4 | | |
| 216.5 | | | | | | | | | | 18.6 | 18 | 17.6 | 17 | 16.2 | 15.6 | 15.2 | 14.7 | 13.9 |
| 229.6 | | | | | | | | | | | 16 | 15.8 | 15.2 | 14.5 | 13.9 | 13.5 | 12.9 | 12.1 |
| 242.7 | | | | | | | | | | | | | 13.5 | 12.9 | 12.1 | 11.9 | 11.3 | 10.5 |
| 255.8 | | | | | | | | | | | | | | 11.3 | 10.7 | 10.5 | 9.9 | 9.1 |
| 269.0 | | | | | | | | | | | | | | | 9.3 | 9.3 | 8.5 | 7.9 |
| 282.1 | | | | | | | | | | | | | | | | | 7.3 | 6.7 |
| 295.2 | | | | | | | | | | | | | | | | | | 5.7 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

### Load capacities with 164 ft main boom 66°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 124.6 | 48.7 | 47.9 | | | | | | | | | | | | | | | | |
| 137.8 | 42.8 | 42 | 41.4 | 40.4 | | | | | | | | | | | | | | |
| 150.9 | | | 36.6 | 35.8 | 35 | 34.3 | | | | | | | | | | | | |
| 164.0 | | | | 31.9 | 31.1 | 30.5 | 29.7 | 29.3 | 28.5 | | | | | | | | | |
| 177.1 | | | | | 27.9 | 27.1 | 26.5 | 26.1 | 25.3 | 24.6 | 24 | | | | | | | |
| 190.2 | | | | | | | 23.8 | 23.4 | 22.8 | 22 | 21.2 | 21 | 20.2 | | | | | |
| 203.4 | | | | | | | | 21 | 20.4 | 19.6 | 19 | 18.6 | 18 | 17.2 | 16.4 | | | |
| 216.5 | | | | | | | | | 18.2 | 17.6 | 16.8 | 16.6 | 15.8 | 15.2 | 14.5 | 14.3 | 13.5 | |
| 229.6 | | | | | | | | | | | 15 | 14.9 | 14.3 | 13.5 | 12.7 | 12.5 | 11.9 | 11.1 |
| 242.7 | | | | | | | | | | | | 13.3 | 12.7 | 11.9 | 11.3 | 10.9 | 10.3 | 9.5 |
| 255.8 | | | | | | | | | | | | | | 10.5 | 9.9 | 9.7 | 8.9 | 8.3 |
| 269.0 | | | | | | | | | | | | | | | 8.5 | 8.3 | 7.7 | 6.9 |
| 282.1 | | | | | | | | | | | | | | | | 7.1 | 6.5 | 5.9 |
| 295.2 | | | | | | | | | | | | | | | | | | 5 |

### Load capacities with 174 ft main boom 66°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 124.6 | 46.9 | | | | | | | | | | | | | | | | | |
| 137.8 | 41.2 | 40.4 | 39.8 | | | | | | | | | | | | | | | |
| 150.9 | | 35.8 | 35 | 34.3 | 33.5 | | | | | | | | | | | | | |
| 164.0 | | | | 30.5 | 29.9 | 29.1 | 28.3 | 27.9 | | | | | | | | | | |
| 177.1 | | | | | 26.5 | 25.9 | 25.1 | 24.9 | 24.2 | 23.4 | | | | | | | | |
| 190.2 | | | | | | 23.2 | 22.6 | 22.2 | 21.6 | 20.8 | 20 | 19.6 | | | | | | |
| 203.4 | | | | | | | | 20 | 19.2 | 18.4 | 17.8 | 17.4 | 16.8 | 16 | | | | |
| 216.5 | | | | | | | | | 17.2 | 16.4 | 15.8 | 15.6 | 14.9 | 14.1 | 13.3 | 13.1 | 12.3 | |
| 229.6 | | | | | | | | | | 14.7 | 14.1 | 13.9 | 13.1 | 12.5 | 11.7 | 11.5 | 10.7 | 9.9 |
| 242.7 | | | | | | | | | | | | 12.3 | 11.7 | 10.9 | 10.3 | 9.9 | 9.3 | 8.5 |
| 255.8 | | | | | | | | | | | | | 10.3 | 9.5 | 8.9 | 8.7 | 7.9 | 7.3 |
| 269.0 | | | | | | | | | | | | | | | 7.7 | 7.5 | 6.7 | 6.1 |
| 282.1 | | | | | | | | | | | | | | | | 6.3 | 5.7 | 5 |
| 295.2 | | | | | | | | | | | | | | | | | 4.8 | 4.2 |

### Load capacities with 184 ft main boom 66°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 137.8 | 40 | 39.2 | | | | | | | | | | | | | | | | |
| 150.9 | | 34.8 | 34.1 | 33.3 | 32.5 | | | | | | | | | | | | | |
| 164.0 | | | 30.3 | 29.5 | 28.7 | 27.9 | 27.1 | | | | | | | | | | | |
| 177.1 | | | | 26.3 | 25.7 | 24.9 | 24.2 | 24 | 23.2 | | | | | | | | | |
| 190.2 | | | | | | 22.4 | 21.6 | 21.4 | 20.6 | 19.8 | 19 | | | | | | | |
| 203.4 | | | | | | | 19.4 | 19 | 18.4 | 17.6 | 16.8 | 16.6 | 15.8 | 15 | | | | |
| 216.5 | | | | | | | | | 16.4 | 15.6 | 15 | 14.7 | 13.9 | 13.3 | 12.5 | 12.1 | | |
| 229.6 | | | | | | | | | | 14.1 | 13.3 | 13.1 | 12.3 | 11.5 | 10.9 | 10.5 | 9.9 | 9.1 |
| 242.7 | | | | | | | | | | | 11.7 | 11.5 | 10.9 | 10.1 | 9.3 | 9.1 | 8.5 | 7.7 |
| 255.8 | | | | | | | | | | | | | 9.5 | 8.7 | 8.1 | 7.9 | 7.1 | 6.5 |
| 269.0 | | | | | | | | | | | | | | 7.5 | 6.9 | 6.7 | 6.1 | 5.3 |
| 282.1 | | | | | | | | | | | | | | | 6.2 | 5.7 | 5 | 4.4 |
| 295.2 | | | | | | | | | | | | | | | | | 4.2 | 3.4 |
| 308.3 | | | | | | | | | | | | | | | | | | 2.6 |

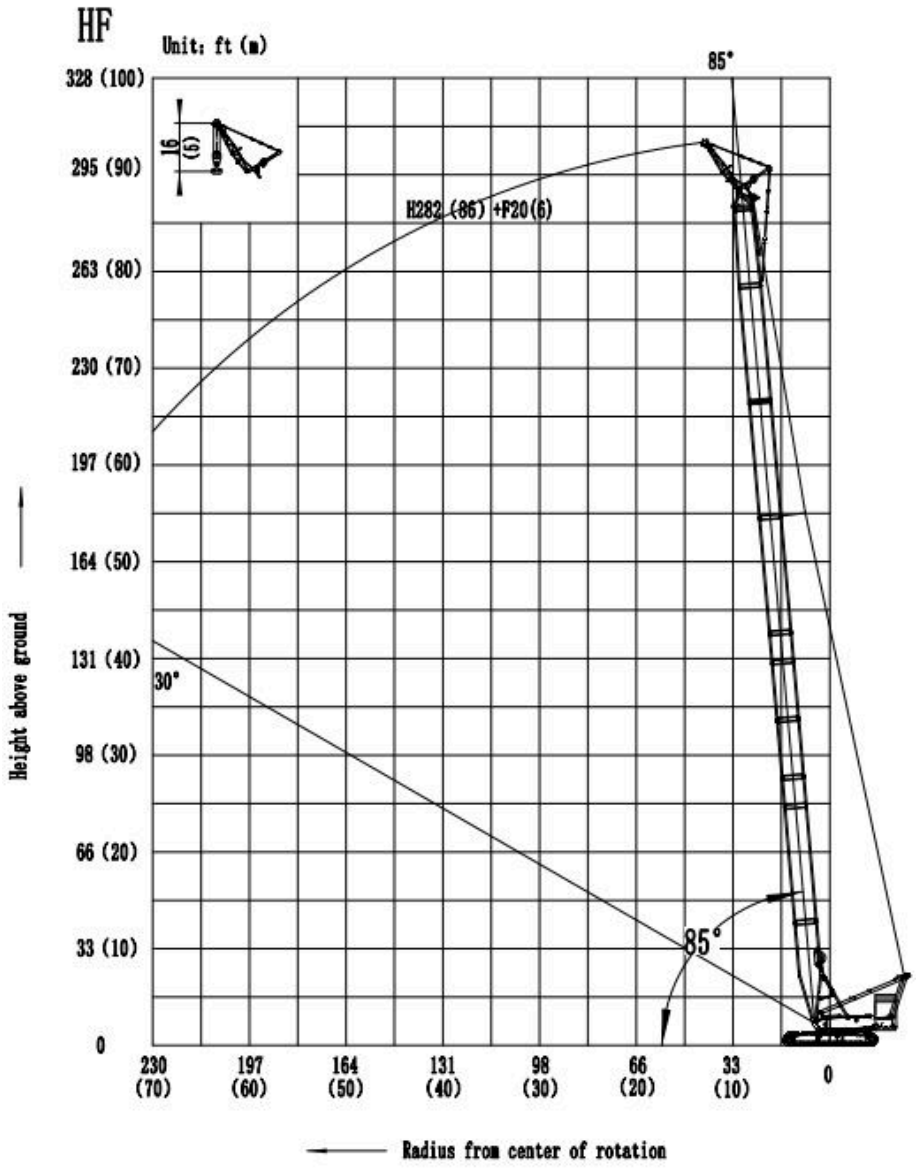
### Load capacities with 194 ft main boom 66°

| Radius (ft) | 69 ft | 79 ft | 89 ft | 98 ft | 108 ft | 118 ft | 128 ft | 138 ft | 148 ft | 157 ft | 167 ft | 177 ft | 187 ft | 197 ft | 207 ft | 217 ft | 226 ft | 236 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 137.8 | 38.4 | 37.6 | | | | | | | | | | | | | | | | |
| 150.9 | 33.9 | 33.3 | 32.5 | 31.7 | | | | | | | | | | | | | | |
| 164.0 | | | 28.9 | 28.1 | 27.3 | 26.5 | | | | | | | | | | | | |
| 177.1 | | | | 25.1 | 24.4 | 23.6 | 22.8 | 22.6 | | | | | | | | | | |
| 190.2 | | | | | 21.8 | 21.2 | 20.4 | 20 | 19.2 | 18.4 | 17.6 | | | | | | | |
| 203.4 | | | | | | | 18.2 | 17.8 | 17.2 | 16.4 | 15.6 | 15.2 | 14.5 | | | | | |
| 216.5 | | | | | | | | 16 | 15.2 | 14.7 | 13.9 | 13.5 | 12.9 | 12.1 | 11.3 | | | |
| 229.6 | | | | | | | | | | 12.9 | 12.3 | 11.9 | 11.3 | 10.5 | 9.7 | 9.5 | 8.7 | 7.9 |
| 242.7 | | | | | | | | | | | 10.7 | 10.5 | 9.9 | 9.1 | 8.3 | 8.1 | 7.3 | 6.5 |
| 255.8 | | | | | | | | | | | | 9.3 | 8.5 | 7.9 | 7.1 | 6.9 | 6.1 | 5.3 |
| 269.0 | | | | | | | | | | | | | | 6.7 | 5.9 | 5.7 | 5.1 | 4.4 |
| 282.1 | | | | | | | | | | | | | | | 5 | 4.8 | 4.2 | 3.4 |
| 295.2 | | | | | | | | | | | | | | | | 3.8 | 3.2 | 2.6 |
| 308.3 | | | | | | | | | | | | | | | | | | 1.8 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# WIND JIB

Main boom + wind jib | CW 284+88 klbs




## Boom configuration

| Section | 280 ft |
|---|---|
| Boom foot | 1 |
| 10 ft insert | 1 |
| 20 ft insert | 1 |
| 40 ft insert | 4 |
| Boom head | 1 |

# WIND JIB — LOAD CAPACITIES

Main boom + wind jib | CW 284+88 klbs

### Load capacities with 282 ft main boom

| Radius (ft) | 20 ft |
|---|---|
| 27.9 | 176 |
| 29.5 | 171.6 |
| 32.8 | 167.9 |
| 39.4 | 161.7 |
| 45.9 | 156 |
| 52.5 | 146.5 |
| 59.0 | 137.3 |
| 65.6 | 123.4 |
| 72.2 | 113.3 |
| 78.7 | 103.8 |
| 85.3 | 93.5 |
| 91.8 | 82.9 |
| 98.4 | 74.1 |
| 111.5 | 59.8 |
| 124.6 | 48.8 |
| 137.8 | 40 |
| 150.9 | 32.8 |
| 164.0 | 27.1 |
| 177.1 | 22 |
| 190.2 | 17.8 |
| 203.4 | 14.1 |
| 216.5 | 10.8 |

*Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.*

# HOOK BLOCKS

Interchangeable lift configurations

## 1-SHEAVE HOOK

**Capacity 110,000 lbs**

Whip-line and light-pick configuration.

## 3-SHEAVE HOOK

**Capacity 220,000 lbs**

General-purpose mid-capacity hook block.

## DOUBLE 2-SHEAVE HOOK

**Capacity 264,000 lbs**

Twin-line picks; common on luffing-jib work.

## 5-SHEAVE HOOK

**Capacity 352,000 lbs**

Maximum-capacity hook for full-rated lifts.

# TRANSPORT PLAN & WEIGHTS

Reference load-out · weights per truck

| Transport Items | Gross Weight | | Number of Loads | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Description** | **Lbs** | **Kgs** | **#1** | **#2** | **#3** | **#4** | **#5** | **#6** | **#7** | **#8** | **#9** | **#10** | **#11** | **#12** | **#13** | **#14** |
| Crane body, excl. live mast, W1 + W2, incl. wire rope | **102,495** | **46,490** | **1** | | | | | | | | | | | | | |
| Live mast | **11,905** | **5,400** | **1** | | | | | | | | | | | | | |
| Track frame, left | **51,809** | **23,500** | | **1** | | | | | | | | | | | | |
| Track frame, right | **51,809** | **23,500** | | | **1** | | | | | | | | | | | |
| Base plate with self-assembly cylinder | **33,000** | **14,970** | | | | **1** | | | | | | | | | | |
| Wing counterweight A | **20,900** | **9,480** | | | | | **1** | | | | | | | | | |
| Wing counterweight A | **20,900** | **9,480** | | | | | **1** | | | | | | | | | |
| Wing counterweight A | **20,900** | **9,480** | | | | | | **1** | | | | | | | | |
| Wing counterweight A | **20,900** | **9,480** | | | | | | **1** | | | | | | | | |
| Center counterweight A | **20,900** | **9,480** | | | | | | | **1** | | | | | | | |
| Wing counterweight A | **20,900** | **9,480** | | | | | | | **1** | | | | | | | |
| Wing counterweight B | **20,900** | **9,480** | | | | | | | | **1** | | | | | | |
| Wing counterweight B | **20,900** | **9,480** | | | | | | | | **1** | | | | | | |
| Wing counterweight B | **20,900** | **9,480** | | | | | | | | | **1** | | | | | |
| Wing counterweight B | **20,900** | **9,480** | | | | | | | | | **1** | | | | | |
| Wing counterweight B | **20,900** | **9,480** | | | | | | | | | | **1** | | | | |
| Wing counterweight B | **20,900** | **9,480** | | | | | | | | | | **1** | | | | |
| Carbody counterweight A1 (front side) | **27,500** | **12,470** | | | | | | | | | | | **1** | | | |
| Carbody counterweight A2 (front side) | **16,500** | **7,480** | | | | | | | | | | | **1** | | | |
| Carbody counterweight B1 (rear side) | **27,500** | **12,470** | | | | | | | | | | | | **1** | | |
| Carbody counterweight B2 (rear side) | **16,500** | **7,480** | | | | | | | | | | | | | **1** | |
| Main boom foot 2722.01 (excl. W3 + W4) (33 ft) | **12,100** | **5,490** | | | | **1** | | | | | | | | | | |
| Main boom insert section, 10 ft | **2,640** | **1,200** | | | | | **1** | | | | | | | | | |
| Main boom insert section, 20 ft | **4,400** | **2,000** | | | | | | **1** | | | | | | | | |
| Main boom insert section, 40 ft (×2) | **7,040** | **3,190** | | | | | | | | | | | | **1** | **1** | |
| Main boom head (34 ft) | **11,660** | **5,290** | | | | | | | | | | | | | | **1** |
| Hook block, 1-sheave (full weights) | **1,210** | **550** | | | | | | | | | | | | | | **1** |
| Hook block, 3-sheave (full weights) | **6,600** | **2,990** | | | | | | | | | | | | | | **1** |
| Auxiliary short jib | **770** | **350** | | | | | | | | | | | | | | **1** |
| *Luffing jib 1815.01 boom foot with strut* | **17,600** | **7,980** | | | | | | | | | | | | | | |
| *Luffing jib 1815.01 insert section, 10 ft (w/ pendants)* | **1,540** | **700** | | | | | | | | | | | | | | |
| *Luffing jib 1815.01 insert section, 20 ft (w/ pendants)* | **2,420** | **1,100** | | | | | | | | | | | | | | |
| *Luffing jib 1815.01 insert section, 40 ft (w/ pendants)* | **3,960** | **1,800** | | | | | | | | | | | | | | |
| *Luffing jib 1815.01 boom head (w/ pendants)* | **4,400** | **2,000** | | | | | | | | | | | | | | |

## Shipping weight per load

| #1 | #2 | #3 | #4 | #5 | #6 | #7 |
|---|---|---|---|---|---|---|
| **114,400 lbs**<br>51,890 kg | **53,900 lbs**<br>24,450 kg | **53,900 lbs**<br>24,450 kg | **45,100 lbs**<br>20,460 kg | **44,440 lbs**<br>20,160 kg | **46,200 lbs**<br>20,960 kg | **41,800 lbs**<br>18,960 kg |

| #8 | #9 | #10 | #11 | #12 | #13 | #14 |
|---|---|---|---|---|---|---|
| **41,800 lbs**<br>18,960 kg | **41,800 lbs**<br>18,960 kg | **41,800 lbs**<br>18,960 kg | **44,000 lbs**<br>19,960 kg | **34,540 lbs**<br>15,670 kg | **23,540 lbs**<br>10,680 kg | **24,310 lbs**<br>11,030 kg |

*Weights and dimensions may vary from the values shown. With the exception of the crane body and the track frames, all truck loads are maximum 48,000 lbs (21,772 kg), 8.5 ft wide and 8.5 ft load height on a 48 ft flat-bed trailer. Local state-law variations may apply.*

# PVE AMERICAN

STRONGER · SMARTER · SAFER

## CONTACT

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