## NATIONAL CRANE ${ }^{\circ}$

by Canitowoc



## Features

- NBT50: 45,4 t (50 USt)
- NBT55: 49,9 t (55 USt)
- 31,1 m (102 ft) four-section, full power boom
- 39,0 m (128 ft) five-section, full power boom
- Hydraulically tilting operator cab
- Hydraulic removable counterweight system with multiple configurations
- Outrigger design eliminates need for SFO


## Features

The NBT50 delivers 45,36 t (50 USt) maximum capacity, 41,1 m ( 135 ft ) maximum tip height (main boom), $54,6 \mathrm{~m}(179 \mathrm{ft})$ maximum tip height (boom with extension). The NBT55 offers all this, plus an increased maximum capacity of $49,90 t$ (55 USt).

## > Four or five-section boom

The Series NBT50 can be equipped with two different boom lengths $31,1 \mathrm{~m}$ ( 102 ft ) and $39,01 \mathrm{~m}(128 \mathrm{ft})$.

## > Deluxe tilting operator's cab

The Series NBT50 operator's cab includes: all-steel construction with $0^{\circ}$ to $20^{\circ}$ hydraulic tilting capability and acoustical lining and tinted glass throughout, air conditioning, deluxe seat with arm rest mounted single-axis electric controllers, windshield and sliding skylight with electric wipers, diesel heater with defroster, circulating fan, fire extinguisher, and dual cab mounted work lights.

## > Innovative outrigger design

Equipped with left, right ground level and in-cab outrigger controls. The Series NBT50 outriggers allow quick and easy crane set-up and includes a new outrigger beam position sensing system that aids the operator in selecting the right load chart based on the crane's outrigger footprint. The front outrigger box has an X -shaped footprint that eliminates the need for a single front outrigger.

## > Multiple counterweight configurations

Two-piece $1360,8 \mathrm{~kg}$ ( 3000 lb ) each (total $2721,6 \mathrm{~kg}$ [ 6000 lb ]) hydraulically removable counterweight slabs; removable counterweight slabs can be stowed on front outrigger box for roading.

## > Lift Solutions and exclusive truck customizations

- Factory-installed toolbox, pintle hitches, outrigger cribbing mats
- Wireless anti-two-block system
- Radio remote controls
- Wind speed indicator
- Hoist and side view camera system
- See the Truck Mod Customization catalog for additional turn-key options



## Jobsite benefits

$>$ The versatility you need with the reliability you've come to expect from National Crane

- Two boom options of $31,1 \mathrm{~m}(102 \mathrm{ft})$ and $39,0 \mathrm{~m}(128 \mathrm{ft})$ provide the right boom length for the application. If additional reach is needed, the NBT50 Series offers a two stage, manual pullout jib ranging from $7,9 \mathrm{~m}(26 \mathrm{ft})$ retracted to $13,7 \mathrm{~m}(45$ ft ) extended. This jib is offsettable to 30 degrees perfect for additional horizontal reach.
- No need for a SFO with this innovative outrigger box design
- Rock-solid operating performance with less carrier flex and twist than an average boom truck
- Hydraulically self-removable counterweight with multiple slabs for easy roading
$>$ Simpler, smoother and smarter operation
- Graphical RCL for easy setup
- Class-leading features such as adjustable joystick speeds, on-board diagnostics, and service capabilities without the need for a laptop
$>$ Enhanced comfort, access and egress and setup
- Comfort of a commercial truck chassis from leading manufacturers
- $20^{\circ}$ hydraulically tilting, ergonomic operator cab
- Strong aluminum decking with multiple ladders for easy access
- Lighter polymeric operator floats that are easy to use and less prone to theft when on the job - Easy-access hydraulics for maintenance increased serviceability


## Tanıtowoc Crane Care"

Manitowoc Crane Care when you need it.
The assurance of the world's most advanced crane service and support to get you back to work fast.


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## Dimensions



## Weights

Weight and Center of Gravity (CG) estimates (see notes)

| Standard NBT <br> Configuration | Horizontal CG <br> mm (in) | Weight with fluids <br> kg (Ib) | CWT Pinned <br> (\# slabs) | CWT Stowed <br> (\# slabs) |
| :--- | :---: | :---: | :---: | :---: |
| NBT55102 | $348(13.7)$ | $20789(45,832)$ | 2 | 0 |
| NBT55102 | $803(31.6)$ | $20789(45,832)$ | 1 | 1 |
| NBT55102 | $1267(49.9)$ | $20789(45,832)$ | 0 | 2 |
| NBT50102 | $616(24.3)$ | $19421(42,816)$ | 1 | 0 |
| NBT50102 | $1113(43.8)$ | $19421(42,816)$ | 0 | 1 |
| NBT50102 | $1011(39.8)$ | $17,710(39,044)$ | 0 | 0 |
| NBT55128 | $486(19.1)$ | $21837(48,142)$ | 2 | 0 |
| NBT55128 | $919(36.2)$ | $21837(48,142)$ | 0 | 1 |
| NBT55128 | $1361(53.6)$ | $21837(48,142)$ | 1 | 0 |
| NBT50128 | $749(29.5)$ | $20469(45,126)$ | 0 | 1 |
| NBT50128 | $1221(48.0)$ | $20469(45,126)$ | 0 | 0 |
| NBT50128 | $1134(44.6)$ | $18758(41,354)$ |  | 0 |

## Weight and CG Estimate Notes:

1. Information provided is for reference only.
2. Weight and CG data is applicable for a standard machine:

102 ft or 128 ft boom
2/3 part lineblock included
Main hoist only (auxiliary hoist IPO CWT present)
STD decking with fixed access ladder
No extension equipped
No optional turret access step
No auxiliary nose or optional hook blocks.
3. All counterweight configurations are shown in table

Pinned = attached to cylinders and turret (in use)
Stowed $=$ attached to torsion box (not in use)
" 2 " = Top and bottom slab(s)
" 1 " =Top or bottom slab only
$" 0$ " $=$ No slab pinned and/or stowed
If both stowed and pinned columns are " 0 " the counterweight is physically removed from the machine. IPO counterweight is also assumed removed in this case (if no auxiliary hoist is equipped).

For more information about mounting configuration options, please contact the factory or your local National Crane dealer.

## Mounting configurations

## Recommended Minimum Truck Specification

Working area: $360^{\circ}$
Gross Axle Weight Rating Front: 9072 kg (20,000 lb)
Gross Axle Weight Rating Rear: 29,937 kg ( $66,000 \mathrm{lb}$ )
Wheelbase: 711 cm (280 in)
Cab to Axle/Trunnion (CA/CT): 482 cm (190 in)
Frame Strength: 7885 MPa (110,000 PSI)
Frame Section Modulus (SM) Front Axle to End of Frame: 327 cm 3 (20 in3)
Stability Weight Front: $4445 \mathrm{~kg}(9,800 \mathrm{lb})$
Stability Weight Rear: $4899 \mathrm{~kg}(10,800 \mathrm{lb})$
Note: Estimated axle scale weights prior to installation of crane assembly for $85 \%$ stability. This configuration does not meet Federal Bridge Law.

## Recommended 6 Axle Truck Specification

Working area: $360^{\circ}$
Gross Axle Weight Rating Front: $9072 \mathrm{~kg}(20,000 \mathrm{lb})$
Gross Axle Weight Rating Pusher: $4536 \mathrm{~kg}(10,000 \mathrm{lb})$
Gross Axle Weight Rating Rear: $29,937 \mathrm{~kg}(66,000 \mathrm{lb})$
Gross Axle Weight Rating Tag: $4536 \mathrm{~kg}(10,000 \mathrm{lb})$
Wheelbase: 670 cm (264 in)
Cab to Axle/Trunnion (CA/CT): 457 cm (180 in)
Frame Strength: 7885 MPa (110,000 PSI)
Frame Section Modulus (SM) Front Axle to End of Frame: 327 cm 3 (20 in3)
Stability Weight Front: $4445 \mathrm{~kg}(9,800 \mathrm{lb})$
Stability Weight Rear: $5896 \mathrm{~kg}(13,000 \mathrm{lb})$
Note: Estimated axle scale weights prior to installation of crane assembly for $85 \%$ stability. This configuration has the potential to meet Federal Bridge Law depending on crane equipment installed.


## Minimum Truck Requirements

Many factors must be considered in the selection of the proper truck for an NBT50 Series crane. Items which must be considered are:

1. Axle Rating. Axle ratings are determined by the axles, tires, rims, springs, brakes, steering and frame strength of the truck. If any one of these components is below the required rating, the gross axle rating is reduced to its weakest component value.
2. Wheelbase (WB), Cab-to-Trunnion (CT) and Bare Chassis Weight. The wheelbase, CT and chassis weights shown are required so the basic NBT50 Series can be legally driven in most states and meet stability requirements. The dimensions given assume the sub-base is installed properly behind the truck cab. If exhaust stacks, transmission protrusions, etc., do not allow a close installation to the cab, the WB and CT dimensions must be increased. Refer to the Mounting Configuration pages for additional information.
3. Truck Frame. Try to select a truck frame that will minimize or eliminate frame
reinforcement or extension of the after frame (AF). Many frames are available that have
the necessary AF section modulus (SM) and resistance to bending moment (RBM) so that reinforcing is not required. The frame under the cab through the front suspension must have the minimum SM and RBM because reinforcing through the front suspension is often difficult because of engine, radiator mounts and steering mechanics. See Truck Requirements and Frame Strength pages for the necessary SM and RBM values. Integral extended front frame rails are required for front center stabilizer installation.
4. Additional Equipment. In addition to the axle ratings, wheelbase, cab-to-axle requirements and frame, it is recommended that the truck be equipped with electronic engine control, increased cooling and a transmission with a PTO opening available with an extra heavy-duty PTO. A conventional cab truck should be used for standard crane mounts. 5. Neutral Start Switch. The chassis must be equipped with a switch that prevents operation of the engine starter when the transmission is in gear.

- All mounting data is based on a National Crane NBT50 Series with an $85 \%$ stability factor.
- The complete unit must be installed in accordance with factory requirements, and a test performed to determine actual stability and counterweight requirements per SAE J765; contact the factory for details.


## Working range

## NBT50/NBT55: 102 ft main boom, full span outriggers, with extensions




Dimensions are for largest furnished hook block and headache ball with anti-two block activated.
*This drawing shows the physical reach of the machine. Always refer to the load chart to see which portions of this diagram are valid for the specific machine configuration and where the loads are structurally or stability limited.


| Radius in Feet | \#0001 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Main Boom Length in Feet |  |  |  |  |  |  |  |  |  |
|  | 31.2 | 38-A | 46-B | 54-C | 62-D | 70-E | 78-F | 86-G | 94-H | 102 |
| 8 | $\begin{gathered} \hline 110,000 \\ (68.3) \\ \hline \end{gathered}$ |  |  |  |  |  |  |  |  |  |
| 10 | $\begin{gathered} \hline 93,350 \\ (64.2) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 51,200 \\ (69.2) \\ \hline \end{gathered}$ | $\begin{gathered} 50,350 \\ (73.1) \end{gathered}$ | $\begin{gathered} \hline 50,200 \\ (75.9) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 50,000 \\ (78.0) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 41,000 \\ (79.6) \\ \hline \end{gathered}$ |  |  |  |  |
| 12 | $\begin{aligned} & \hline 82,350 \\ & (59.9) \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 51,200 \\ (65.8) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 50,350 \\ (70.4) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 50,200 \\ (73.9) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 50,000 \\ (76.1) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 41,000 \\ (77.9) \\ \hline \end{gathered}$ | $\begin{array}{r} 34,350 \\ (79.4) \\ \hline \end{array}$ |  |  |  |
| 15 | $\begin{array}{r} \hline 66,350 \\ (53.0) \\ \hline \end{array}$ | $\begin{array}{r} \hline 51,200 \\ (60.7) \\ \hline \end{array}$ | $\begin{aligned} & 50,350 \\ & (66.4) \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 50,200 \\ (70.5) \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 50,000 \\ (73.5) \\ \hline \end{array}$ | $\begin{gathered} 41,000 \\ (75.5) \\ \hline \end{gathered}$ | $\begin{gathered} 34,350 \\ (77.3) \\ \hline \end{gathered}$ | $\begin{array}{r} 26,800 \\ (78.7) \\ \hline \end{array}$ |  |  |
| 20 | $\begin{array}{r} \hline 48,750 \\ (39.8) \\ \hline \end{array}$ | $\begin{gathered} \hline 49,150 \\ (51.3) \\ \hline \end{gathered}$ | $\begin{aligned} & 49,450 \\ & (59.3) \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 49,650 \\ (64.6) \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 46,450 \\ (68.5) \\ \hline \end{array}$ | $\begin{gathered} 41,000 \\ (71.3) \\ \hline \end{gathered}$ | $\begin{array}{r} 34,350 \\ (73.7) \\ \hline \end{array}$ | $\begin{array}{r} 26,800 \\ (75.5) \\ \hline \end{array}$ | $\begin{gathered} 23,000 \\ (77.1) \\ \hline \end{gathered}$ | $\begin{aligned} & 18,000 \\ & (78.2) \\ & \hline \end{aligned}$ |
| 25 | $\begin{gathered} \hline 31,500 \\ (20.0) \\ \hline \end{gathered}$ | $\begin{array}{r} 38,350 \\ (40.3) \\ \hline \end{array}$ | $\begin{array}{r} 38,650 \\ (51.4) \\ \hline \end{array}$ | $\begin{gathered} \hline 38,850 \\ (58.3) \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 39,000 \\ (63.2) \\ \hline \end{array}$ | $\begin{aligned} & 35,950 \\ & (66.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 30,150 \\ & (69.7) \\ & \hline \end{aligned}$ | $\begin{array}{r} 26,800 \\ (72.2) \\ \hline \end{array}$ | $\begin{gathered} 23,000 \\ (74.2) \\ \hline \end{gathered}$ | $\begin{aligned} & 18,000 \\ & (75.6) \end{aligned}$ |
| 30 |  | $\begin{gathered} \hline 29,000 \\ (25.7) \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 31,100 \\ (42.6) \\ \hline \end{array}$ | $\begin{gathered} \hline 31,300 \\ (51.6) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 31,500 \\ (57.7) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 31,400 \\ (62.2) \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 26,750 \\ (65.7) \\ \hline \end{array}$ | $\begin{array}{r} \hline 23,800 \\ (68.6) \\ \hline \end{array}$ | $\begin{gathered} 21,250 \\ (71.0) \\ \hline \end{gathered}$ | $\begin{aligned} & 18,000 \\ & (72.9) \\ & \hline \end{aligned}$ |
| 35 |  |  | $\begin{array}{r} \hline 25,550 \\ (31.9) \\ \hline \end{array}$ | $\begin{gathered} \hline 25,750 \\ (44.2) \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 25,950 \\ (51.9) \\ \hline \end{array}$ | $\begin{array}{r} 26,050 \\ (57.3) \\ \hline \end{array}$ | $\begin{gathered} 23,700 \\ (61.5) \\ \hline \end{gathered}$ | $\begin{aligned} & 21,250 \\ & (64.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 18,950 \\ & (67.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 17,000 \\ & (69.9) \\ & \hline \end{aligned}$ |
| 40 |  |  | $\begin{aligned} & 16,000 \\ & (15.1) \\ & \hline \end{aligned}$ | $\begin{gathered} 20,800 \\ (35.7) \\ \hline \end{gathered}$ | $\begin{gathered} 21,000 \\ (45.6) \\ \hline \end{gathered}$ | $\begin{array}{r} 21,150 \\ (52.1) \\ \hline \end{array}$ | $\begin{array}{r} \hline 21,150 \\ (57.1) \\ \hline \end{array}$ | $\begin{aligned} & \hline 19,100 \\ & (61.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 17,100 \\ & (64.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 15,350 \\ & (66.9) \\ & \hline \end{aligned}$ |
| 45 |  |  |  | $\begin{aligned} & \hline 16,800 \\ & (24.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 17,000 \\ & (38.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 17,200 \\ & (46.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 17,300 \\ & (52.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 17,050 \\ & (57.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 15,550 \\ & (60.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 13,950 \\ & (63.7) \\ & \hline \end{aligned}$ |
| 50 |  |  |  |  | $\begin{aligned} & \hline 14,100 \\ & (29.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 14,250 \\ & (40.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 14,350 \\ & (47.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 14,450 \\ & (52.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 14,200 \\ & (57.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 12,700 \\ & (60.5) \\ & \hline \end{aligned}$ |
| 55 |  |  |  |  | $\begin{gathered} \hline * 11,150 \\ (18.6) \\ \hline \end{gathered}$ | $\begin{aligned} & 11,950 \\ & (33.0) \\ & \hline \end{aligned}$ | $\begin{aligned} & 12,100 \\ & (41.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 12,200 \\ & (48.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 12,250 \\ & (53.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 11,650 \\ & (57.1) \\ & \hline \end{aligned}$ |
| 60 |  |  |  |  |  | $\begin{aligned} & \hline 10,250 \\ & (24.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 10,400 \\ & (36.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 10,500 \\ & (43.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 10,550 \\ & (49.3) \end{aligned}$ | $\begin{aligned} & 10,650 \\ & (53.8) \\ & \hline \end{aligned}$ |
| 65 |  |  |  |  |  | $\begin{gathered} * 6,400 \\ (9.8) \\ \hline \end{gathered}$ | $\begin{aligned} & 8,900 \\ & (29.0) \\ & \hline \end{aligned}$ | $\begin{aligned} & 9,000 \\ & (38.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 9,100 \\ & (44.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 9,150 \\ & (50.0) \\ & \hline \end{aligned}$ |
| 70 |  |  |  |  |  |  | $\begin{array}{r} 7,650 \\ (19.4) \\ \hline \end{array}$ | $\begin{array}{r} 7,800 \\ (32.2) \\ \hline \end{array}$ | $\begin{aligned} & \hline 7,850 \\ & (40.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 7,950 \\ & (45.9) \\ & \hline \end{aligned}$ |
| 75 |  |  |  |  |  |  |  | $\begin{aligned} & \hline 6,750 \\ & (24.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6,850 \\ & (34.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 6,900 \\ & (41.6) \\ & \hline \end{aligned}$ |
| 80 |  |  |  |  |  |  |  | $\begin{aligned} & * 5,200 \\ & (13.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,950 \\ & (28.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6,000 \\ & (36.7) \\ & \hline \end{aligned}$ |
| 85 |  |  |  |  |  |  |  |  | $\begin{aligned} & \hline 5,150 \\ & (20.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,250 \\ & (31.3) \\ & \hline \end{aligned}$ |
| 90 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & 4,550 \\ & (24.7) \\ & \hline \end{aligned}$ |
| 95 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & 4,000 \\ & (15.5) \\ & \hline \end{aligned}$ |
| 97 |  |  |  |  |  |  |  |  |  | $\begin{gathered} \begin{array}{c} * 2,200 \\ (8.7) \end{array} \\ \hline \end{gathered}$ |
| Minimum boom angle ( ${ }^{\circ}$ ) for indicated length (no load) |  |  |  |  |  |  |  |  |  | 0 |
| Maximum boom length (ft.) at $0^{\circ}$ boom angle (no load) |  |  |  |  |  |  |  |  |  | 102 |

NOTE: ( ) Boom angles are in degrees.
*Loads are structurally limited.
\#RCL operating code. Refer to RCL manual for operating instructions.

| Lifting Capacities at Zero Degree Boom Angle |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Boom Angle | Main Boom Length in Feet |  |  |  |  |  |  |  |  |  |
|  | 31.2 | 38-A | 46-B | 54-C | 62-D | 70-E | 78-F | 86-G | 94-H |  |
| $0^{\circ}$ | $\begin{gathered} 12,450 \\ (27) \\ \hline \end{gathered}$ | $\begin{aligned} & 9,250 \\ & (33.8) \\ & \hline \end{aligned}$ | $\begin{array}{r} 6,750 \\ (41.8) \\ \hline \end{array}$ | $\begin{aligned} & 5,000 \\ & (49.8) \\ & \hline \end{aligned}$ | $\begin{array}{r} 3,700 \\ (57.8) \\ \hline \end{array}$ | $\begin{aligned} & 2,700 \\ & (65.8) \\ & \hline \end{aligned}$ | $\begin{array}{r} 1,950 \\ (73.8) \\ \hline \end{array}$ | $\begin{array}{r} 1,300 \\ (81.8) \\ \hline \end{array}$ | $\begin{array}{r} 700 \\ (89.8) \\ \hline \end{array}$ |  |

NOTE: ( ) Reference radii in feet.

| $\begin{gathered} \text { Radius } \\ \text { in } \\ \text { Feet } \end{gathered}$ | \#0003 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Main Boom Length in Feet |  |  |  |  |  |  |  |  |  |
|  | 31.2 | 38-A | 46-B | 54-C | 62-D | 70-E | 78-F | 86-G | 94-H | 102 |
| 8 | $\begin{gathered} 110,000 \\ (68.3) \end{gathered}$ |  |  |  |  |  |  |  |  |  |
| 10 | $\begin{aligned} & \hline 93,350 \\ & (64.2) \end{aligned}$ | $\begin{gathered} 51,200 \\ (69.2) \\ \hline \end{gathered}$ | $\begin{gathered} 50,350 \\ (73.1) \\ \hline \end{gathered}$ | $\begin{gathered} 50,200 \\ (75.9) \\ \hline \end{gathered}$ | $\begin{gathered} 50,000 \\ (78.0) \end{gathered}$ | $\begin{gathered} \hline 41,000 \\ (79.6) \\ \hline \end{gathered}$ |  |  |  |  |
| 12 | $\begin{aligned} & \hline 82,350 \\ & (59.9) \\ & \hline \end{aligned}$ | $\begin{gathered} 51,200 \\ (65.8) \\ \hline \end{gathered}$ | $\begin{gathered} 50,350 \\ (70.4) \\ \hline \end{gathered}$ | $\begin{gathered} 50,200 \\ (73.9) \\ \hline \end{gathered}$ | $\begin{gathered} 50,000 \\ (76.1) \end{gathered}$ | $\begin{gathered} 41,000 \\ (77.9) \\ \hline \end{gathered}$ | $\begin{gathered} 34,350 \\ (79.6) \\ \hline \end{gathered}$ |  |  |  |
| 15 | $\begin{aligned} & \hline 66,350 \\ & (53.0) \end{aligned}$ | $\begin{gathered} 51,200 \\ (60.7) \\ \hline \end{gathered}$ | $\begin{aligned} & 50,350 \\ & (66.4) \\ & \hline \end{aligned}$ | $\begin{gathered} 50,200 \\ (70.5) \\ \hline \end{gathered}$ | $\begin{gathered} 50,000 \\ (73.5) \end{gathered}$ | $\begin{aligned} & \hline 41,000 \\ & (75.5) \\ & \hline \end{aligned}$ | $\begin{gathered} 34,350 \\ (77.3) \\ \hline \end{gathered}$ | $\begin{gathered} 26,800 \\ (78.7) \end{gathered}$ |  |  |
| 20 | $\begin{aligned} & 48,750 \\ & (39.8) \end{aligned}$ | $\begin{gathered} 49,150 \\ (51.3) \\ \hline \end{gathered}$ | $\begin{aligned} & 49,450 \\ & (59.3) \end{aligned}$ | $\begin{gathered} \hline 49,650 \\ (64.6) \end{gathered}$ | $\begin{aligned} & \hline 46,450 \\ & (68.4) \end{aligned}$ | $\begin{gathered} 41,000 \\ (71,3) \\ \hline \end{gathered}$ | $\begin{gathered} 34,350 \\ (73.7) \end{gathered}$ | $\begin{gathered} 26,800 \\ (75.5) \end{gathered}$ | $\begin{aligned} & \hline 23,000 \\ & (77.1) \end{aligned}$ | $\begin{aligned} & 18,000 \\ & (78.2) \end{aligned}$ |
| 25 | $\begin{aligned} & 31,500 \\ & (20.0) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 38,350 \\ & (40.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 38,650 \\ & (51.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 38,850 \\ & (58.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 39,000 \\ & (63.2) \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 35,950 \\ (66.9) \\ \hline \end{gathered}$ | $\begin{gathered} 30,150 \\ (69.7) \\ \hline \end{gathered}$ | $\begin{aligned} & 26,800 \\ & (72.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 23,000 \\ & (74.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 18,000 \\ & (75.6) \end{aligned}$ |
| 30 |  | $\begin{aligned} & 29,000 \\ & (25.7) \\ & \hline \end{aligned}$ | $\begin{gathered} 31,100 \\ (42.6) \\ \hline \end{gathered}$ | $\begin{aligned} & 31,300 \\ & (51.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 31,500 \\ & (57.7) \end{aligned}$ | $\begin{gathered} \hline 31,400 \\ (62.2) \\ \hline \end{gathered}$ | $\begin{gathered} 26,750 \\ (65.7) \end{gathered}$ | $\begin{gathered} 23,800 \\ (68.6) \end{gathered}$ | $\begin{gathered} 21,250 \\ (71.0) \end{gathered}$ | $\begin{aligned} & 18,000 \\ & (72.9) \\ & \hline \end{aligned}$ |
| 35 |  |  | $\begin{array}{r} 25,550 \\ (31.9) \\ \hline \end{array}$ | $\begin{aligned} & 25,750 \\ & (44.2) \end{aligned}$ | $\begin{gathered} 25,950 \\ (51.9) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 26,050 \\ (57.3) \\ \hline \end{gathered}$ | $\begin{gathered} 23,700 \\ (61.5) \\ \hline \end{gathered}$ | $\begin{gathered} 21,250 \\ (64.9) \end{gathered}$ | $\begin{aligned} & \hline 18,950 \\ & (67.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 17,000 \\ & (69.9) \end{aligned}$ |
| 40 |  |  | $\begin{aligned} & \hline 16,000 \\ & (15.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 21,650 \\ & (35.6) \end{aligned}$ | $\begin{gathered} 21,850 \\ (45.5) \\ \hline \end{gathered}$ | $\begin{array}{r} 21,950 \\ (52.1) \\ \hline \end{array}$ | $\begin{gathered} 21,150 \\ (57.1) \end{gathered}$ | $\begin{aligned} & 19,100 \\ & (61.1) \end{aligned}$ | $\begin{aligned} & \hline 17,100 \\ & (64.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 15,350 \\ & (66.9) \end{aligned}$ |
| 45 |  |  |  | $\begin{aligned} & \hline 17,300 \\ & (24.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 18,550 \\ & (38.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 18,650 \\ & (46.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 18,800 \\ & (52.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 17,050 \\ & (57.1) \end{aligned}$ | $\begin{aligned} & \hline 15,550 \\ & (60.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 13,950 \\ & (63.7) \end{aligned}$ |
| 50 |  |  |  |  | $\begin{aligned} & \hline 15,500 \\ & (29.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 15,650 \\ & (40.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 15,750 \\ & (47.4) \end{aligned}$ | $\begin{aligned} & \hline 15,300 \\ & (52.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 14,200 \\ & (57.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 12,700 \\ & (60.5) \end{aligned}$ |
| 55 |  |  |  |  | $\begin{gathered} * 11,150 \\ (18.6) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 13,300 \\ & (33.0) \\ & \hline \end{aligned}$ | $\begin{aligned} & 13,400 \\ & (41.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 13,500 \\ & (48.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 13,000 \\ & (53.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 11,650 \\ & (57.1) \\ & \hline \end{aligned}$ |
| 60 |  |  |  |  |  | $\begin{aligned} & \hline 11,450 \\ & (24.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 11,550 \\ & (35.7) \end{aligned}$ | $\begin{aligned} & 11,650 \\ & (43.4) \end{aligned}$ | $\begin{aligned} & 11,700 \\ & (49.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 10,750 \\ & (53.8) \end{aligned}$ |
| 65 |  |  |  |  |  | $\begin{gathered} * 6,400 \\ (9.8) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 10,100 \\ & (29.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 10,200 \\ & (38.5) \end{aligned}$ | $\begin{aligned} & 10,300 \\ & (45.1) \end{aligned}$ | $\begin{aligned} & 9,800 \\ & (50.1) \end{aligned}$ |
| 70 |  |  |  |  |  |  | $\begin{aligned} & * 8,350 \\ & (19.5) \\ & \hline \end{aligned}$ | $\begin{array}{r} 8,900 \\ (32.3) \\ \hline \end{array}$ | $\begin{aligned} & 9,000 \\ & (40.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 9,050 \\ & (46.1) \end{aligned}$ |
| 75 |  |  |  |  |  |  |  | $\begin{array}{r} 7,800 \\ (24.8) \\ \hline \end{array}$ | $\begin{array}{r} 7,900 \\ (34.9) \\ \hline \end{array}$ | $\begin{array}{r} 7,950 \\ (41.8) \\ \hline \end{array}$ |
| 80 |  |  |  |  |  |  |  | $\begin{aligned} & \hline{ }^{*} 5,200 \\ & (13.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6,950 \\ & (28.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 7,000 \\ & (37.0) \\ & \hline \end{aligned}$ |
| 85 |  |  |  |  |  |  |  |  | $\begin{aligned} & * 6,100 \\ & (20.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6,200 \\ & (31.5) \\ & \hline \end{aligned}$ |
| 90 |  |  |  |  |  |  |  |  |  | $\begin{array}{r} 5,500 \\ (24.9) \\ \hline \end{array}$ |
| 95 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \hline * 4,050 \\ & (15.5) \\ & \hline \end{aligned}$ |
| 97 |  |  |  |  |  |  |  |  |  | $\begin{gathered} { }^{* 2}, 200 \\ (8.7) \\ \hline \end{gathered}$ |
| Minimum boom angle ( $\left(^{\circ}\right.$ ) for indicated length (no load) |  |  |  |  |  |  |  |  |  | 0 |
| Maximum boom length (ft.) at $0^{\circ}$ boom angle (no load) |  |  |  |  |  |  |  |  |  | 102 |

NOTE: ( ) Boom angles are in degrees
*Loads are structurally limited.
\#RCL operating code. Refer to RCL manual for operating instructions.

| Lifting Capacities at Zero Degree Boom Angle |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Boom Angle | Main Boom Length in Feet |  |  |  |  |  |  |  |  |  |
|  | 31.2 | 38-A | 46-B | 54-C | 62-D | 70-E | 78-F | 86-G | 94-H |  |
| $0^{\circ}$ | $\begin{gathered} \begin{array}{c} 12,450 \\ (27) \end{array} \\ \hline \end{gathered}$ | $\begin{aligned} & 9,250 \\ & (33.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6,750 \\ & (41.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,000 \\ & (49.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 3,700 \\ & (57.8) \\ & \hline \end{aligned}$ | $\begin{array}{r} 2,700 \\ (65.8) \\ \hline \end{array}$ | $\begin{aligned} & 1,950 \\ & (73.8) \\ & \hline \end{aligned}$ | $\begin{array}{r} 1,300 \\ (81.8) \\ \hline \end{array}$ | $\begin{gathered} 700 \\ (89.8) \\ \hline \end{gathered}$ |  |

NOTE: ( ) Reference radii in feet.

## Load chart

NBT55


7,9 m-13,7 m ( $26 \mathrm{ft}-45 \mathrm{ft}$ )


100\%

$360^{\circ}$

| Radius in Feet | **26 ft. LENGTH |  | 45 ft . LENGTH |  |
| :---: | :---: | :---: | :---: | :---: |
|  | \#0005 | \#0007 | \#0009 | \#0011 |
|  | $\begin{gathered} 0^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 30^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 0^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 30^{\circ} \\ \text { OFFSET } \end{gathered}$ |
| 25 | $\begin{aligned} & 8,100 \\ & (77.9) \\ & \hline \end{aligned}$ |  |  |  |
| 30 | $\begin{aligned} & 8,100 \\ & (75.8) \end{aligned}$ |  | $\begin{aligned} & 5,450 \\ & (77.9) \end{aligned}$ |  |
| 35 | $\begin{aligned} & \hline 8,100 \\ & (73.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,700 \\ & (79.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,450 \\ & (76.2) \\ & \hline \end{aligned}$ |  |
| 40 | $\begin{aligned} & \hline 8,100 \\ & (71.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,700 \\ & (77.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,450 \\ & (74.4) \end{aligned}$ |  |
| 45 | $\begin{aligned} & 8,100 \\ & (69.5) \end{aligned}$ | $\begin{aligned} & 5,700 \\ & (75.1) \end{aligned}$ | $\begin{aligned} & 5,450 \\ & (72.6) \end{aligned}$ |  |
| 50 | $\begin{aligned} & 8,050 \\ & (67.2) \end{aligned}$ | $\begin{aligned} & 5,700 \\ & (72.7) \end{aligned}$ | $\begin{aligned} & 5,450 \\ & (70.7) \end{aligned}$ | $\begin{aligned} & 3,150 \\ & (78.8) \end{aligned}$ |
| 55 | $\begin{aligned} & \hline 7,450 \\ & (64.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,700 \\ & (70.2) \end{aligned}$ | $\begin{aligned} & 5,450 \\ & (68.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 3,150 \\ & (76.8) \\ & \hline \end{aligned}$ |
| 60 | $\begin{aligned} & 7,000 \\ & (62.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,550 \\ & (67.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,350 \\ & (66.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,150 \\ & (74.8) \\ & \hline \end{aligned}$ |
| 65 | $\begin{aligned} & 6,500 \\ & (59.7) \end{aligned}$ | $\begin{aligned} & 5,350 \\ & (65.0) \end{aligned}$ | $\begin{aligned} & 5,000 \\ & (64.7) \end{aligned}$ | $\begin{aligned} & 3,150 \\ & (72.6) \end{aligned}$ |
| 70 | $\begin{aligned} & 6,000 \\ & (57.0) \end{aligned}$ | $\begin{aligned} & 5,200 \\ & (62.3) \end{aligned}$ | $\begin{aligned} & 4,700 \\ & (62.6) \end{aligned}$ | $\begin{aligned} & 3,150 \\ & (70.3) \end{aligned}$ |
| 75 | $\begin{aligned} & 5,650 \\ & (54.3) \end{aligned}$ | $\begin{aligned} & 5,050 \\ & (59.4) \end{aligned}$ | $\begin{aligned} & 4,400 \\ & (60.3) \end{aligned}$ | $\begin{aligned} & 3,050 \\ & (68.0) \end{aligned}$ |
| 80 | $\begin{aligned} & 5,300 \\ & (51.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (56.4) \end{aligned}$ | $\begin{aligned} & 4,200 \\ & (58.1) \end{aligned}$ | $\begin{array}{r} 2,950 \\ (65.5) \\ \hline \end{array}$ |
| 85 | $\begin{aligned} & 5,000 \\ & (48.4) \end{aligned}$ | $\begin{aligned} & 4,550 \\ & (53.2) \end{aligned}$ | $\begin{aligned} & 3,950 \\ & (55.7) \end{aligned}$ | $\begin{aligned} & 2,850 \\ & (63.0) \\ & \hline \end{aligned}$ |
| 90 | $\begin{aligned} & 4,450 \\ & (45.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,350 \\ & (49.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,750 \\ & (53.2) \end{aligned}$ | $\begin{aligned} & 2,800 \\ & (60.4) \\ & \hline \end{aligned}$ |
| 95 | $\begin{aligned} & 3,900 \\ & (41.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,150 \\ & (46.2) \end{aligned}$ | $\begin{aligned} & 3,550 \\ & (50.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,750 \\ & (57.7) \\ & \hline \end{aligned}$ |
| 100 | $\begin{aligned} & \hline 3,350 \\ & (37.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 3,650 \\ & (42.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,400 \\ & (48.0) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,700 \\ & (54.9) \\ & \hline \end{aligned}$ |
| 105 | $\begin{aligned} & 2,900 \\ & (33.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 3,100 \\ & (37.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,250 \\ & (45.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,650 \\ & (51.9) \\ & \hline \end{aligned}$ |
| 110 | $\begin{aligned} & 2,450 \\ & (28.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,600 \\ & (32.3) \end{aligned}$ | $\begin{aligned} & 3,100 \\ & (42.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,600 \\ & (48.6) \\ & \hline \end{aligned}$ |
| 115 | $\begin{array}{r} 2,050 \\ (23.3) \\ \hline \end{array}$ |  | $\begin{array}{r} 2,850 \\ (39.0) \\ \hline \end{array}$ | $\begin{aligned} & 2,550 \\ & (45.1) \\ & \hline \end{aligned}$ |
| 120 | $\begin{aligned} & * 1,600 \\ & (15.7) \\ & \hline \end{aligned}$ |  | $\begin{aligned} & 2,500 \\ & (35.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (41.2) \\ & \hline \end{aligned}$ |
| 125 |  |  | $\begin{array}{r} 2,150 \\ (31.4) \\ \hline \end{array}$ | $\begin{array}{r} 2,400 \\ (36.7) \\ \hline \end{array}$ |
| 130 |  |  | $\begin{aligned} & 1,850 \\ & (26.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,000 \\ & (31.1) \\ & \hline \end{aligned}$ |
| 135 |  |  | $\begin{aligned} & 1,600 \\ & (21.3) \\ & \hline \end{aligned}$ |  |
| 140 |  |  | $\begin{gathered} * 900 \\ (13.2) \\ \hline \end{gathered}$ |  |
| Min. boom angle for indicated length (no load) | $10^{\circ}$ | $30^{\circ}$ | $10^{\circ}$ | $30^{\circ}$ |
| Max. boom length at $0^{\circ}$ boom angle (no load) |  | ft . |  |  |

OTE: () Boom angles are in degrees.
80108245
\#RCL operating code. Refer to RCL manual for instructions.
*Loads are structurally limited.
**26 ft. capacities are applicable to both 26 ' fixed and 26 ' tele extension.

## Boom extension capacity notes:

1. All capacities above the bold line are based on structural strength limitations.
2. 26 ft and 45 ft extension lengths may be used for single line lifting service.
3. Radii listed are for a fully extended boom with the boom extension erected. For main boom lengths less than fully extended, the rated loads are determined by boom angle. Use only the column which corresponds to the boom extension length and offset for which the machine is configured. For boom angles not shown, use the rating of the next lower boom angle.

Warning: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
4. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
5. Capacities listed are with outriggers properly extended and vertical jacks set only.

## Load chart

NBT55
$\square$
7,9 m-13,7m
( $26 \mathrm{ft}-45 \mathrm{ft}$ )


100\%


Over Rear

| Radius in Feet | **26 ft. LENGTH |  | 45 ft . LENGTH |  |
| :---: | :---: | :---: | :---: | :---: |
|  | \#0006 | \#0008 | \#0010 | \#0012 |
|  | $\begin{gathered} 0^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 30^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 0^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 30^{\circ} \\ \text { OFFSET } \end{gathered}$ |
| 25 | $\begin{aligned} & 8,100 \\ & (77.9) \end{aligned}$ |  |  |  |
| 30 | $\begin{aligned} & \hline 8,100 \\ & (75.8) \\ & \hline \end{aligned}$ |  | $\begin{aligned} & 5,450 \\ & (77.9) \\ & \hline \end{aligned}$ |  |
| 35 | $\begin{aligned} & 8,100 \\ & (73.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,700 \\ & (79.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,450 \\ & (76.2) \end{aligned}$ |  |
| 40 | $\begin{aligned} & \hline 8,100 \\ & (71.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,700 \\ & (77.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,450 \\ & (74.4) \\ & \hline \end{aligned}$ |  |
| 45 | $\begin{aligned} & \hline 8,100 \\ & (69.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,700 \\ & (75.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,450 \\ & (72.6) \\ & \hline \end{aligned}$ |  |
| 50 | $\begin{aligned} & \hline 8,050 \\ & (67.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,700 \\ & (72.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,450 \\ & (70.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,150 \\ & (78.8) \\ & \hline \end{aligned}$ |
| 55 | $\begin{aligned} & \hline 7,450 \\ & (64.7) \end{aligned}$ | $\begin{aligned} & 5,700 \\ & (70.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,450 \\ & (68.9) \end{aligned}$ | $\begin{aligned} & 3,150 \\ & (76.8) \\ & \hline \end{aligned}$ |
| 60 | $\begin{aligned} & \hline 7,000 \\ & (62.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,550 \\ & (67.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,350 \\ & (66.8) \end{aligned}$ | $\begin{aligned} & 3,150 \\ & (74.8) \\ & \hline \end{aligned}$ |
| 65 | $\begin{aligned} & \hline 6,500 \\ & (59.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,350 \\ & (65.0) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,000 \\ & (64.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 3,150 \\ & (72.6) \\ & \hline \end{aligned}$ |
| 70 | $\begin{aligned} & 6,000 \\ & (57.0) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,200 \\ & (62.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,700 \\ & (62.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,150 \\ & (70.3) \\ & \hline \end{aligned}$ |
| 75 | $\begin{aligned} & 5,650 \\ & (54.3) \end{aligned}$ | $\begin{aligned} & 5,050 \\ & (59.4) \end{aligned}$ | $\begin{aligned} & 4,400 \\ & (60.3) \end{aligned}$ | $\begin{aligned} & 3,050 \\ & (68.0) \end{aligned}$ |
| 80 | $\begin{aligned} & 5,300 \\ & (51.4) \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (56.4) \end{aligned}$ | $\begin{aligned} & 4,200 \\ & (58.1) \end{aligned}$ | $\begin{aligned} & 2,950 \\ & (65.5) \end{aligned}$ |
| 85 | $\begin{aligned} & 5,000 \\ & (48.4) \end{aligned}$ | $\begin{aligned} & 4,550 \\ & (53.2) \end{aligned}$ | $\begin{aligned} & 3,950 \\ & (55.7) \end{aligned}$ | $\begin{aligned} & 2,850 \\ & (63.0) \end{aligned}$ |
| 90 | $\begin{aligned} & 4,450 \\ & (45.1) \end{aligned}$ | $\begin{aligned} & 4,350 \\ & (49.8) \end{aligned}$ | $\begin{aligned} & 3,750 \\ & (53.2) \end{aligned}$ | $\begin{aligned} & 2,800 \\ & (60.4) \end{aligned}$ |
| 95 | $\begin{aligned} & 3,900 \\ & (41.6) \end{aligned}$ | $\begin{aligned} & 4,150 \\ & (46.2) \end{aligned}$ | $\begin{aligned} & 3,550 \\ & (50.7) \end{aligned}$ | $\begin{aligned} & 2,750 \\ & (57.7) \end{aligned}$ |
| 100 | $\begin{aligned} & 3,450 \\ & (37.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,750 \\ & (42.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,400 \\ & (48.0) \\ & \hline \end{aligned}$ | $\begin{array}{r} \hline 2,700 \\ (54.9) \\ \hline \end{array}$ |
| 105 | $\begin{aligned} & 3,050 \\ & (33.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,250 \\ & (37.6) \\ & \hline \end{aligned}$ | $\begin{array}{r} 3,250 \\ (45.3) \\ \hline \end{array}$ | $\begin{aligned} & \hline 2,650 \\ & (51.9) \\ & \hline \end{aligned}$ |
| 110 | $\begin{aligned} & 2,650 \\ & (29.0) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,850 \\ & (32.4) \\ & \hline \end{aligned}$ | $\begin{array}{r} 3,100 \\ (42.3) \\ \hline \end{array}$ | $\begin{aligned} & 2,600 \\ & (48.6) \\ & \hline \end{aligned}$ |
| 115 | $\begin{array}{r} 2,300 \\ (23.4) \\ \hline \end{array}$ |  | $\begin{array}{r} 2,900 \\ (39.1) \\ \hline \end{array}$ | $\begin{aligned} & 2,550 \\ & (45.1) \\ & \hline \end{aligned}$ |
| 120 | $\begin{aligned} & \hline 1,600 \\ & (15.7) \\ & \hline \end{aligned}$ |  | $\begin{aligned} & 2,550 \\ & (35.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (41.2) \\ & \hline \end{aligned}$ |
| 125 |  |  | $\begin{aligned} & \hline 2,300 \\ & (31.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,450 \\ & (36.7) \\ & \hline \end{aligned}$ |
| 130 |  |  | $\begin{aligned} & \hline 2,000 \\ & (26.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,300 \\ & (31.2) \\ & \hline \end{aligned}$ |
| 135 |  |  | $\begin{array}{r} 1,750 \\ (21.5) \\ \hline \end{array}$ |  |
| 140 |  |  | $\begin{gathered} 900 \\ (13.2) \end{gathered}$ |  |
| Min. boom angle for indicated length (no load) | $10^{\circ}$ | $30^{\circ}$ | $10^{\circ}$ | $30^{\circ}$ |
| Max. boom length at $0^{\circ}$ boom angle (no load) |  | ft . |  | ft . |

NOTE: ( ) Boom angles are in degrees.
RCL operating code. Refer to RCL manual for instruction **26 ft. capacities are applicable to both 26 ' fixed and 26 ' tele extension.

## Boom extension capacity notes:

1. All capacities above the bold line are based on structural strength limitations.
2. 26 ft and 45 ft extension lengths may be used for single line lifting service.
3. Radii listed are for a fully extended boom with the boom extension erected. For main boom lengths less than fully extended, the rated loads are determined by boom angle. Use only the column which corresponds to the boom extension length and offset for which the machine is configured. For boom angles not shown, use the rating of the next lower boom angle.

Warning: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
4. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
5. Capacities listed are with outriggers properly extended and vertical jacks set only.

## Load chart

NBT50/NBT55
$\square$
1361 kg

100\%

$360^{\circ}$

| Radius in Feet | \#0001 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Main Boom Length in Feet |  |  |  |  |  |  |  |  |  |
|  | 31.2 | 38-A | 46-B | 54-C | 62-D | 70-E | 78-F | 86-G | 94-H | 102 |
| 8 | $\begin{gathered} 100,000 \\ (68.3) \\ \hline \end{gathered}$ |  |  |  |  |  |  |  |  |  |
| 10 | $\begin{gathered} 93,350 \\ (64.2) \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 51,200 \\ (69.2) \\ \hline \end{array}$ | $\begin{gathered} \hline 50,350 \\ (73.1) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 50,200 \\ (75.9) \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 50,000 \\ (78.0) \\ \hline \end{array}$ | $\begin{array}{r} 41,000 \\ (79.6) \\ \hline \end{array}$ |  |  |  |  |
| 12 | $\begin{array}{r} \hline 80,950 \\ (59.9) \\ \hline \end{array}$ | $\begin{array}{r} 51,200 \\ (65.8) \\ \hline \end{array}$ | $\begin{gathered} 50,350 \\ (70.4) \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 50,200 \\ (73.7) \\ \hline \end{array}$ | $\begin{array}{r} 50,000 \\ (76.1) \\ \hline \end{array}$ | $\begin{array}{r} 41,000 \\ (77.9) \\ \hline \end{array}$ | $\begin{aligned} & 34,350 \\ & (79.4) \\ & \hline \end{aligned}$ |  |  |  |
| 15 | $\begin{gathered} 64,400 \\ (53) \\ \hline \end{gathered}$ | $\begin{array}{r} 51,200 \\ (60.7) \\ \hline \end{array}$ | $\begin{gathered} 50,350 \\ (66.4) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 50,200 \\ (70.3) \\ \hline \end{gathered}$ | $\begin{gathered} 50,000 \\ (73.3) \\ \hline \end{gathered}$ | $\begin{array}{r} 41,000 \\ (75.5) \\ \hline \end{array}$ | $\begin{array}{r} 34,350 \\ (77.3) \\ \hline \end{array}$ | $\begin{array}{r} 26,800 \\ (78.7) \\ \hline \end{array}$ |  |  |
| 20 | $\begin{array}{r} 47,300 \\ (39.8) \\ \hline \end{array}$ | $\begin{array}{r} 47,650 \\ (51.3) \\ \hline \end{array}$ | $\begin{array}{r} 47,950 \\ (59.3) \\ \hline \end{array}$ | $\begin{gathered} 48,150 \\ (64.5) \\ \hline \end{gathered}$ | $\begin{array}{r} 46,450 \\ (68.4) \\ \hline \end{array}$ | $\begin{array}{r} 41,000 \\ (71.3) \\ \hline \end{array}$ | $\begin{array}{r} 34,350 \\ (73.7) \\ \hline \end{array}$ | $\begin{array}{r} 26,800 \\ (75.5) \\ \hline \end{array}$ | $\begin{gathered} 23,000 \\ (77.1) \\ \hline \end{gathered}$ | $\begin{aligned} & 18,000 \\ & (78.2) \\ & \hline \end{aligned}$ |
| 25 | $\begin{gathered} 31,500 \\ (20) \\ \hline \end{gathered}$ | $\begin{array}{r} 37,050 \\ (40.3) \\ \hline \end{array}$ | $\begin{gathered} 37,400 \\ (51.4) \\ \hline \end{gathered}$ | $\begin{array}{r} 37,600 \\ (58.3) \\ \hline \end{array}$ | $\begin{array}{r} 37,800 \\ (63.2) \\ \hline \end{array}$ | $\begin{array}{r} 35,950 \\ (66.9) \\ \hline \end{array}$ | $\begin{array}{r} 30,150 \\ (69.7) \\ \hline \end{array}$ | $\begin{array}{r} 26,800 \\ (72.2) \\ \hline \end{array}$ | $\begin{gathered} 23,000 \\ (74.2) \\ \hline \end{gathered}$ | $\begin{aligned} & 18,000 \\ & (75.6) \\ & \hline \end{aligned}$ |
| 30 |  | $\begin{array}{r} 29,000 \\ (25.7) \\ \hline \end{array}$ | $\begin{array}{r} 29,850 \\ (42.6) \\ \hline \end{array}$ | $\begin{array}{r} 30,050 \\ (51.6) \\ \hline \end{array}$ | $\begin{array}{r} 30,250 \\ (57.7) \\ \hline \end{array}$ | $\begin{array}{r} 30,350 \\ (62.2) \\ \hline \end{array}$ | $\begin{gathered} 26,750 \\ (65.7) \\ \hline \end{gathered}$ | $\begin{array}{r} 23,800 \\ (68.6) \\ \hline \end{array}$ | $\begin{gathered} 21,250 \\ (71) \\ \hline \end{gathered}$ | $\begin{aligned} & 18,000 \\ & (72.9) \\ & \hline \end{aligned}$ |
| 35 |  |  | $\begin{array}{r} 23,600 \\ (31.9) \\ \hline \end{array}$ | $\begin{array}{r} 23,900 \\ (44.2) \\ \hline \end{array}$ | $\begin{array}{r} 24,100 \\ (51.8) \\ \hline \end{array}$ | $\begin{array}{r} 24,250 \\ (57.3) \\ \hline \end{array}$ | $\begin{gathered} 23,700 \\ (61.5) \\ \hline \end{gathered}$ | $\begin{array}{r} 21,250 \\ (64.9) \\ \hline \end{array}$ | $\begin{aligned} & \hline 18,950 \\ & (67.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 17,000 \\ & (69.9) \\ & \hline \end{aligned}$ |
| 40 |  |  | $\begin{gathered} * 16,000 \\ (15.1) \\ \hline \end{gathered}$ | $\begin{aligned} & 18,700 \\ & (35.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 18,900 \\ & (45.4) \\ & \hline \end{aligned}$ | $\begin{gathered} 19,050 \\ (52) \\ \hline \end{gathered}$ | $\begin{gathered} 19,200 \\ (57) \\ \hline \end{gathered}$ | $\begin{aligned} & 19,100 \\ & (61.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 17,100 \\ & (64.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 15,350 \\ & (66.9) \\ & \hline \end{aligned}$ |
| 45 |  |  |  | $\begin{aligned} & 15,050 \\ & (24.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 15,250 \\ & (38.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 15,400 \\ & (46.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 15,500 \\ & (52.3) \\ & \hline \end{aligned}$ | $\begin{gathered} 15,650 \\ (57) \\ \hline \end{gathered}$ | $\begin{aligned} & 15,550 \\ & (60.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 13,950 \\ & (63.7) \\ & \hline \end{aligned}$ |
| 50 |  |  |  |  | $\begin{aligned} & 12,550 \\ & (29.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 12,700 \\ & (40.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 12,800 \\ & (47.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 12,900 \\ & (52.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 13,000 \\ & (56.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 12,700 \\ & (60.5) \\ & \hline \end{aligned}$ |
| 55 |  |  |  |  | $\begin{aligned} & 10,550 \\ & (18.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 10,700 \\ & (33.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 10,800 \\ & (42.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 10,900 \\ & (48.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 11,000 \\ & (53.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 11,100 \\ & (57.3) \\ & \hline \end{aligned}$ |
| 60 |  |  |  |  |  | $\begin{array}{r} 9,050 \\ (24.8) \\ \hline \end{array}$ | $\begin{aligned} & 9,150 \\ & (36.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 9,250 \\ & (43.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 9,350 \\ & (49.2) \\ & \hline \end{aligned}$ | $\begin{array}{r} 9,400 \\ (53.6) \\ \hline \end{array}$ |
| 65 |  |  |  |  |  | $\begin{gathered} * 6,400 \\ (9.8) \\ \hline \end{gathered}$ | $\begin{gathered} 7,800 \\ (29) \\ \hline \end{gathered}$ | $\begin{array}{r} 7,900 \\ (38.2) \\ \hline \end{array}$ | $\begin{aligned} & 8,000 \\ & (44.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 8,050 \\ & (49.8) \end{aligned}$ |
| 70 |  |  |  |  |  |  | $\begin{aligned} & \hline 6,650 \\ & (19.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 6,750 \\ & (32.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6,850 \\ & (39.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 6,900 \\ & (45.7) \\ & \hline \end{aligned}$ |
| 75 |  |  |  |  |  |  |  | $\begin{array}{r} 5,800 \\ (24.6) \\ \hline \end{array}$ | $\begin{aligned} & 5,900 \\ & (34.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,950 \\ & (41.4) \\ & \hline \end{aligned}$ |
| 80 |  |  |  |  |  |  |  | $\begin{aligned} & \hline 5,000 \\ & (13.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,100 \\ & (28.3) \\ & \hline \end{aligned}$ | $\begin{array}{r} 5,150 \\ (36.6) \\ \hline \end{array}$ |
| 85 |  |  |  |  |  |  |  |  | $\begin{aligned} & 4,350 \\ & (20.1) \\ & \hline \end{aligned}$ | $\begin{array}{r} 4,450 \\ (31.1) \\ \hline \end{array}$ |
| 90 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & 3,800 \\ & (24.6) \\ & \hline \end{aligned}$ |
| 95 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & 3,250 \\ & (15.3) \\ & \hline \end{aligned}$ |
| 97 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & * 2,000 \\ & (8.7) \\ & \hline \end{aligned}$ |
| Minimum boom angle ( ${ }^{\circ}$ ) for indicated length (no load) |  |  |  |  |  |  |  |  |  | 0 |
| Maximum boom length (ft.) at $0^{\circ}$ boom angle (no load) |  |  |  |  |  |  |  |  |  | 102 |

NOTE: ( ) Boom angles are in degrees.
*Loads are structurally limited.
\#RCL operating code. Refer to RCL manual for operating instructions.

| Lifting Capacities at Zero Degree Boom Angle |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Boom | Main Boom Length in Feet |  |  |  |  |  |  |  |  |  |
|  | 31.2 | $38-\mathrm{A}$ | $46-\mathrm{B}$ | $54-\mathrm{C}$ | $62-\mathrm{D}$ | $70-\mathrm{E}$ | $78-\mathrm{F}$ | $86-\mathrm{G}$ | $94-\mathrm{H}$ |  |
|  | $0^{\circ}$ | 12,450 | 9,250 | 6,750 | 5,000 | 3,700 | 2,700 | 1,950 | 1,300 | 700 |
|  | $(27)$ | $(33.8)$ | $(41.8)$ | $(49.8)$ | $(57.8)$ | $(65.8)$ | $(73.8)$ | $(81.8)$ | $(89.8)$ |  |

NOTE: ( ) Reference radii in feet.

8010984

## Load chart

## NBT50/NBT55




100\%


Over Rear


NOTE: ( ) Boom angles are in degrees.
*Loads are structurally limited.
\#RCL operating code. Refer to RCL manual for operating instructions.

| Lifting Capacities at Zero Degree Boom Angle |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Boom Angle | Main Boom Length in Feet |  |  |  |  |  |  |  |  |  |
|  | 31.2 | 38-A | 46-B | 54-C | 62-D | 70-E | 78-F | 86-G | 94-H |  |
| $0^{\circ}$ | $\begin{gathered} 12,450 \\ (27) \\ \hline \end{gathered}$ | $\begin{aligned} & 9,250 \\ & (33.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6,750 \\ & (41.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,000 \\ & (49.8) \\ & \hline \end{aligned}$ | $\begin{array}{r} 3,700 \\ (57.8) \\ \hline \end{array}$ | $\begin{aligned} & \hline 2,700 \\ & (65.8) \\ & \hline \end{aligned}$ | $\begin{array}{r} 1,950 \\ (73.8) \\ \hline \end{array}$ | $\begin{array}{r} 1,300 \\ (81.8) \\ \hline \end{array}$ | $\begin{gathered} \hline 700 \\ (89.8) \\ \hline \end{gathered}$ |  |

NOTE: ( ) Reference radii in feet.

## Load chart

NBT50/NBT55


| Radius in Feet | **26 ft. LENGTH |  | 45 ft . LENGTH |  |
| :---: | :---: | :---: | :---: | :---: |
|  | \#0005 | \#0007 | \#0009 | \#0011 |
|  | $\begin{gathered} \hline 0^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 30^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} \hline 0^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 30^{\circ} \\ \text { OFFSET } \end{gathered}$ |
| 25 | $\begin{aligned} & 8,100 \\ & (77.9) \end{aligned}$ |  |  |  |
| 30 | $\begin{aligned} & 8,100 \\ & (75.8) \\ & \hline \end{aligned}$ |  | $\begin{aligned} & 5,450 \\ & (77.9) \end{aligned}$ |  |
| 35 | $\begin{aligned} & 8,100 \\ & (73.8) \end{aligned}$ | $\begin{aligned} & 5,700 \\ & (79.5) \end{aligned}$ | $\begin{aligned} & 5,450 \\ & (76.2) \end{aligned}$ |  |
| 40 | $\begin{aligned} & \hline 8,100 \\ & (71.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,700 \\ & (77.2) \end{aligned}$ | $\begin{aligned} & 5,450 \\ & (74.4) \end{aligned}$ |  |
| 45 | $\begin{aligned} & \hline 8,100 \\ & (69.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,700 \\ & (75.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,450 \\ & (72.6) \end{aligned}$ |  |
| 50 | $\begin{aligned} & \hline 8,050 \\ & (67.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,700 \\ & (72.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,450 \\ & (70.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 3,150 \\ & (78.8) \\ & \hline \end{aligned}$ |
| 55 | $\begin{aligned} & \hline 7,450 \\ & (64.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,700 \\ & (70.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,450 \\ & (68.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,150 \\ & (76.8) \\ & \hline \end{aligned}$ |
| 60 | $\begin{aligned} & \hline 7,000 \\ & (62.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,550 \\ & (67.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,350 \\ & (66.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,150 \\ & (74.8) \\ & \hline \end{aligned}$ |
| 65 | $\begin{aligned} & 6,500 \\ & (59.7) \\ & \hline \end{aligned}$ | $\begin{gathered} 5,350 \\ (65) \end{gathered}$ | $\begin{aligned} & 5,000 \\ & (64.7) \end{aligned}$ | $\begin{aligned} & \hline 3,150 \\ & (72.6) \\ & \hline \end{aligned}$ |
| 70 | $\begin{gathered} 6,000 \\ (57) \end{gathered}$ | $\begin{aligned} & \hline 5,200 \\ & (62.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,700 \\ & (62.6) \end{aligned}$ | $\begin{aligned} & 3,150 \\ & (70.3) \\ & \hline \end{aligned}$ |
| 75 | $\begin{aligned} & 5,650 \\ & (54.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,050 \\ & (59.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,400 \\ & (60.3) \\ & \hline \end{aligned}$ | $\begin{gathered} 3,050 \\ (68) \end{gathered}$ |
| 80 | $\begin{aligned} & 5,100 \\ & (51.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 4,800 \\ & (56.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,200 \\ & (58.1) \end{aligned}$ | $\begin{aligned} & 2,950 \\ & (65.5) \\ & \hline \end{aligned}$ |
| 85 | $\begin{aligned} & 4,350 \\ & (48.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,550 \\ & (53.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 3,950 \\ & (55.7) \\ & \hline \end{aligned}$ | $\begin{gathered} 2,850 \\ (63) \end{gathered}$ |
| 90 | $\begin{aligned} & 3,750 \\ & (44.8) \end{aligned}$ | $\begin{aligned} & \hline 4,150 \\ & (49.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,750 \\ & (53.2) \end{aligned}$ | $\begin{aligned} & \hline 2,800 \\ & (60.4) \end{aligned}$ |
| 95 | $\begin{aligned} & 3,150 \\ & (41.3) \\ & \hline \end{aligned}$ | $\begin{gathered} 3,550 \\ (46) \\ \hline \end{gathered}$ | $\begin{aligned} & 3,550 \\ & (50.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,750 \\ & (57.7) \\ & \hline \end{aligned}$ |
| 100 | $\begin{aligned} & 2,700 \\ & (37.5) \\ & \hline \end{aligned}$ | $\begin{array}{r} \hline 2,950 \\ (41.8) \\ \hline \end{array}$ | $\begin{gathered} 3,400 \\ (48) \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 2,700 \\ (54.9) \\ \hline \end{array}$ |
| 105 | $\begin{aligned} & 2,250 \\ & (33.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,450 \\ & (37.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,050 \\ & (45.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,650 \\ & (51.9) \\ & \hline \end{aligned}$ |
| 110 | $\begin{aligned} & \hline 1,850 \\ & (28.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,000 \\ & (32.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,650 \\ & (41.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,600 \\ & (48.6) \\ & \hline \end{aligned}$ |
| 115 | $\begin{gathered} 1,500 \\ (23) \end{gathered}$ |  | $\begin{aligned} & \hline 2,250 \\ & (38.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,550 \\ & (45.1) \\ & \hline \end{aligned}$ |
| 120 | $\begin{aligned} & 1,200 \\ & (15.5) \\ & \hline \end{aligned}$ |  | $\begin{gathered} 1,950 \\ (35) \end{gathered}$ | $\begin{aligned} & \hline 2,250 \\ & (41.1) \\ & \hline \end{aligned}$ |
| 125 |  |  | $\begin{aligned} & 1,650 \\ & (31) \end{aligned}$ | $\begin{aligned} & 1,850 \\ & (36.4) \\ & \hline \end{aligned}$ |
| 130 |  |  | $\begin{aligned} & \hline 1,350 \\ & (26.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 1,500 \\ & (30.9) \\ & \hline \end{aligned}$ |
| 135 |  |  | $\begin{aligned} & 1,100 \\ & (20.9) \\ & \hline \end{aligned}$ |  |
| 140 |  |  | $\begin{gathered} \hline 850 \\ (13.2) \\ \hline \end{gathered}$ |  |
| Min. boom angle for indicated length (no load) | $10^{\circ}$ | $30^{\circ}$ | $10^{\circ}$ | $30^{\circ}$ |
| Max. boom length at $0^{\circ}$ boom angle (no load) | 70 ft . |  | 70 ft . |  |

NOTE: ( ) Boom angles are in degrees.
\#RCL operating code. Refer to RCL manual for instructions
**26 ft. capacities are applicable to both 26 ' fixed and 26 ' tele extension.

## Boom extension capacity notes:

1. All capacities above the bold line are based on structural strength limitations.
2. 26 ft and 45 ft extension lengths may be used for single line lifting service.
3. Radii listed are for a fully extended boom with the boom extension erected. For main boom lengths less than fully extended, the rated loads are determined by boom angle. Use only the column which corresponds to the boom extension length and offset for which the machine is configured. For boom angles not shown, use the rating of the next lower boom angle.

Warning: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
4. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
5. Capacities listed are with outriggers properly extended and vertical jacks set only.

## Load chart

NBT50/NBT55


7,9 m-13,7 m
( $26 \mathrm{ft}-45 \mathrm{ft}$ )
 (3000 lb)


Over Rear

| Radius in Feet | **26 ft. LENGTH |  | 45 ft . LENGTH |  |
| :---: | :---: | :---: | :---: | :---: |
|  | \#0006 | \#0008 | \#0010 | \#0012 |
|  | $\begin{gathered} 0^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 30^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 0^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 30^{\circ} \\ \text { OFFSET } \end{gathered}$ |
| 25 | $\begin{aligned} & \hline 8,100 \\ & (77.9) \\ & \hline \end{aligned}$ |  |  |  |
| 30 | $\begin{aligned} & \hline 8,100 \\ & (75.8) \end{aligned}$ |  | $\begin{aligned} & 5,450 \\ & (77.9) \end{aligned}$ |  |
| 35 | $\begin{aligned} & \hline 8,100 \\ & (73.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,700 \\ & (79.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,450 \\ & (76.2) \end{aligned}$ |  |
| 40 | $\begin{aligned} & \hline 8,100 \\ & (71.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,700 \\ & (77.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,450 \\ & (74.4) \end{aligned}$ |  |
| 45 | $\begin{aligned} & \hline 8,100 \\ & (69.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,700 \\ & (75.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,450 \\ & (72.6) \\ & \hline \end{aligned}$ |  |
| 50 | $\begin{aligned} & \hline 8,050 \\ & (67.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,700 \\ & (72.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,450 \\ & (70.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,150 \\ & (78.8) \end{aligned}$ |
| 55 | $\begin{aligned} & \hline 7,450 \\ & (64.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,700 \\ & (70.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,450 \\ & (68.9) \end{aligned}$ | $\begin{aligned} & \hline 3,150 \\ & (76.8) \end{aligned}$ |
| 60 | $\begin{aligned} & \hline 7,000 \\ & (62.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,550 \\ & (67.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,350 \\ & (66.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,150 \\ & (74.8) \\ & \hline \end{aligned}$ |
| 65 | $\begin{aligned} & \hline 6,500 \\ & (59.7) \\ & \hline \end{aligned}$ | $\begin{gathered} 5,350 \\ (65) \\ \hline \end{gathered}$ | $\begin{aligned} & 5,000 \\ & (64.7) \end{aligned}$ | $\begin{aligned} & 3,150 \\ & (72.6) \\ & \hline \end{aligned}$ |
| 70 | $\begin{gathered} 6,000 \\ (57) \end{gathered}$ | $\begin{aligned} & 5,200 \\ & (62.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,700 \\ & (62.6) \end{aligned}$ | $\begin{aligned} & 3,150 \\ & (70.3) \\ & \hline \end{aligned}$ |
| 75 | $\begin{aligned} & \hline 5,650 \\ & (54.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,050 \\ & (59.4) \end{aligned}$ | $\begin{aligned} & 4,400 \\ & (60.3) \end{aligned}$ | $\begin{gathered} 3,050 \\ (68) \end{gathered}$ |
| 80 | $\begin{aligned} & \hline 5,300 \\ & (51.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 4,800 \\ & (56.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 4,200 \\ & (58.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,950 \\ & (65.5) \\ & \hline \end{aligned}$ |
| 85 | $\begin{aligned} & \hline 5,000 \\ & (48.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,550 \\ & (53.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,950 \\ & (55.7) \\ & \hline \end{aligned}$ | $\begin{gathered} 2,850 \\ (63) \\ \hline \end{gathered}$ |
| 90 | $\begin{aligned} & 4,450 \\ & (45.1) \end{aligned}$ | $\begin{aligned} & 4,350 \\ & (49.8) \end{aligned}$ | $\begin{aligned} & 3,750 \\ & (53.2) \end{aligned}$ | $\begin{aligned} & 2,800 \\ & (60.4) \end{aligned}$ |
| 95 | $\begin{aligned} & \hline 3,900 \\ & (41.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,150 \\ & (46.2) \end{aligned}$ | $\begin{aligned} & 3,550 \\ & (50.7) \end{aligned}$ | $\begin{aligned} & 2,750 \\ & (57.7) \end{aligned}$ |
| 100 | $\begin{aligned} & \hline 3,450 \\ & (37.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,750 \\ & (42.2) \\ & \hline \end{aligned}$ | $\begin{gathered} 3,400 \\ (48) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 2,700 \\ & (54.9) \\ & \hline \end{aligned}$ |
| 105 | $\begin{aligned} & 3,050 \\ & (33.7) \end{aligned}$ | $\begin{aligned} & 3,250 \\ & (37.6) \end{aligned}$ | $\begin{aligned} & 3,250 \\ & (45.3) \end{aligned}$ | $\begin{aligned} & 2,650 \\ & (51.9) \end{aligned}$ |
| 110 | $\begin{gathered} 2,650 \\ (29) \end{gathered}$ | $\begin{aligned} & 2,800 \\ & (32.4) \end{aligned}$ | $\begin{aligned} & 3,100 \\ & (42.3) \end{aligned}$ | $\begin{aligned} & 2,600 \\ & (48.6) \end{aligned}$ |
| 115 | $\begin{aligned} & 2,250 \\ & (23.4) \\ & \hline \end{aligned}$ |  | $\begin{aligned} & \hline 2,900 \\ & (39.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,550 \\ & (45.1) \\ & \hline \end{aligned}$ |
| 120 | $\begin{aligned} & \hline * 1,600 \\ & (15.7) \\ & \hline \end{aligned}$ |  | $\begin{aligned} & 2,550 \\ & (35.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (41.2) \\ & \hline \end{aligned}$ |
| 125 |  |  | $\begin{aligned} & 2,300 \\ & (31.5) \end{aligned}$ | $\begin{aligned} & 2,450 \\ & (36.7) \end{aligned}$ |
| 130 |  |  | $\begin{aligned} & 2,000 \\ & (26.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,150 \\ & (31.1) \\ & \hline \end{aligned}$ |
| 135 |  |  | $\begin{aligned} & \hline 1,750 \\ & (21.5) \\ & \hline \end{aligned}$ |  |
| 140 |  |  | $\begin{gathered} 900 \\ (13.2) \end{gathered}$ |  |
| Min. boom angle for indicated length (no load) | $10^{\circ}$ | $30^{\circ}$ | $10^{\circ}$ | $30^{\circ}$ |
| Max. boom length at $0^{\circ}$ boom angle (no load) |  |  |  | ft . |

NOTE: ( ) Boom angles are in degrees.
80109853
oads are structurally limited.
\#RCL operating code. Refer to RCL manual for instructions.
**26 ft. capacities are applicable to both 26 ' fixed and 26 ' tele
extension.

## Boom extension capacity notes:

1. All capacities above the bold line are based on structural strength limitations.
2. 26 ft and 45 ft extension lengths may be used for single line lifting service.
3. Radii listed are for a fully extended boom with the boom extension erected. For main boom lengths less than fully extended, the rated loads are determined by boom angle. Use only the column which corresponds to the boom extension length and offset for which the machine is configured. For boom angles not shown, use the rating of the next lower boom angle.

Warning: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
4. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
5. Capacities listed are with outriggers properly extended and vertical jacks set only.

## Working range

## NBT50/NBT55: 128 ft main boom, with extensions




Dimensions are for largest furnished hook block and headache ball with anti-two block activated.
*This drawing shows the physical reach of the machine. Always refer to the load chart to see which portions of this diagram are valid for the specific machine configuration and where the loads are structurally or stability limited.

## Load chart

NBT55


| Radius in Feet | \#0001 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Main Boom Length in Feet |  |  |  |  |  |  |  |  |  |
|  | 31.7 | 43-A | 54-B | 64-C | 75-D | 86-E | 97-F | 107-G | 118-H | 128 |
| 8 | $\begin{gathered} \hline 110,000 \\ (68.1) \\ \hline \end{gathered}$ |  |  |  |  |  |  |  |  |  |
| 10 | $\begin{gathered} 92,300 \\ (64) \end{gathered}$ | $\begin{gathered} 39,200 \\ (71.6) \\ \hline \end{gathered}$ | $\begin{gathered} 39,700 \\ (75.6) \\ \hline \end{gathered}$ |  |  |  |  |  |  |  |
| 12 | $\begin{gathered} 81,200 \\ (59.8) \\ \hline \end{gathered}$ | $\begin{gathered} 39,200 \\ (68.7) \\ \hline \end{gathered}$ | $\begin{gathered} 39,700 \\ (73.4) \\ \hline \end{gathered}$ | $\begin{array}{r} 40,300 \\ (76.4) \\ \hline \end{array}$ | $\begin{gathered} 34,100 \\ (78.7) \\ \hline \end{gathered}$ |  |  |  |  |  |
| 15 | $\begin{gathered} 65,400 \\ (53.1) \end{gathered}$ | $\begin{gathered} 39,200 \\ (64.4) \end{gathered}$ | $\begin{gathered} 39,700 \\ (70.1) \end{gathered}$ | $\begin{gathered} 40,300 \\ (73.5) \end{gathered}$ | $\begin{gathered} 34,100 \\ (76.4) \\ \hline \end{gathered}$ | $\begin{gathered} 22,650 \\ (78.3) \end{gathered}$ |  |  |  |  |
| 20 | $\begin{gathered} 47,750 \\ (40.3) \\ \hline \end{gathered}$ | $\begin{gathered} 39,200 \\ (56.7) \end{gathered}$ | $\begin{gathered} 39,700 \\ (64.4) \end{gathered}$ | $\begin{gathered} 40,300 \\ (68.8) \end{gathered}$ | $\begin{gathered} 34,100 \\ (72.5) \\ \hline \end{gathered}$ | $\begin{gathered} 22,650 \\ (75) \\ \hline \end{gathered}$ | $\begin{gathered} 17,800 \\ (77.1) \end{gathered}$ | $\begin{aligned} & 14,700 \\ & (78.6) \end{aligned}$ |  |  |
| 25 | $\begin{gathered} 31,650 \\ (21.8) \\ \hline \end{gathered}$ | $\begin{gathered} 37,700 \\ (47.5) \\ \hline \end{gathered}$ | $\begin{gathered} 38,150 \\ (58) \end{gathered}$ | $\begin{gathered} 37,150 \\ (63.9) \end{gathered}$ | $\begin{gathered} 30,100 \\ (68.4) \\ \hline \end{gathered}$ | $\begin{gathered} 22,650 \\ (71.5) \end{gathered}$ | $\begin{aligned} & 17,800 \\ & (74.2) \end{aligned}$ | $\begin{aligned} & 14,700 \\ & (76.1) \end{aligned}$ | $\begin{aligned} & \hline 12,900 \\ & (77.8) \end{aligned}$ | $\begin{aligned} & 9,600 \\ & (78.9) \end{aligned}$ |
| 30 |  | $\begin{gathered} \hline 30,200 \\ (37.3) \\ \hline \end{gathered}$ | $\begin{gathered} 30,700 \\ (51.3) \end{gathered}$ | $\begin{gathered} 31,000 \\ (58.6) \\ \hline \end{gathered}$ | $\begin{gathered} 27,100 \\ (64.2) \end{gathered}$ | $\begin{gathered} 20,400 \\ (68) \\ \hline \end{gathered}$ | $\begin{aligned} & 17,800 \\ & (71.2) \end{aligned}$ | $\begin{aligned} & 14,700 \\ & (73.5) \end{aligned}$ | $\begin{aligned} & \hline 12,900 \\ & (75.6) \end{aligned}$ | $\begin{aligned} & 9,600 \\ & (76.9) \end{aligned}$ |
| 35 |  | $\begin{gathered} 22,300 \\ (23.6) \\ \hline \end{gathered}$ | $\begin{gathered} 25,100 \\ (43.9) \\ \hline \end{gathered}$ | $\begin{gathered} 25,350 \\ (53.1) \\ \hline \end{gathered}$ | $\begin{array}{r} 24,600 \\ (59.8) \\ \hline \end{array}$ | $\begin{aligned} & 18,500 \\ & (64.3) \end{aligned}$ | $\begin{gathered} 16,300 \\ (68) \\ \hline \end{gathered}$ | $\begin{aligned} & 14,700 \\ & (70.8) \end{aligned}$ | $\begin{aligned} & 12,900 \\ & (73.2) \end{aligned}$ | $\begin{aligned} & 9,600 \\ & (74.8) \\ & \hline \end{aligned}$ |
| 40 |  |  | $\begin{gathered} 20,700 \\ (35.2) \\ \hline \end{gathered}$ | $\begin{gathered} 21,050 \\ (47) \\ \hline \end{gathered}$ | $\begin{array}{r} 21,350 \\ (55.1) \\ \hline \end{array}$ | $\begin{aligned} & 17,050 \\ & (60.5) \end{aligned}$ | $\begin{aligned} & \hline 15,100 \\ & (64.7) \\ & \hline \end{aligned}$ | $\begin{gathered} 13,650 \\ (68) \\ \hline \end{gathered}$ | $\begin{aligned} & 12,050 \\ & (70.8) \end{aligned}$ | $\begin{aligned} & 9,600 \\ & (72.7) \\ & \hline \end{aligned}$ |
| 45 |  |  | $\begin{gathered} \text { *16,400 } \\ (24) \\ \hline \end{gathered}$ | $\begin{gathered} 16,950 \\ (40.3) \\ \hline \end{gathered}$ | $\begin{gathered} 17,200 \\ (50) \\ \hline \end{gathered}$ | $\begin{aligned} & 15,800 \\ & (56.5) \end{aligned}$ | $\begin{aligned} & 14,000 \\ & (61.5) \\ & \hline \end{aligned}$ | $\begin{gathered} 12,550 \\ (65) \\ \hline \end{gathered}$ | $\begin{aligned} & 11,300 \\ & (68.2) \end{aligned}$ | $\begin{aligned} & 9,600 \\ & (70.6) \\ & \hline \end{aligned}$ |
| 50 |  |  |  | $\begin{aligned} & 13,900 \\ & (32.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 14,150 \\ & (44.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 14,400 \\ & (52.3) \\ & \hline \end{aligned}$ | $\begin{gathered} 12,850 \\ (58) \\ \hline \end{gathered}$ | $\begin{gathered} 11,750 \\ (62) \\ \hline \end{gathered}$ | $\begin{aligned} & 10,650 \\ & (65.8) \end{aligned}$ | $\begin{aligned} & 9,600 \\ & (68.4) \end{aligned}$ |
| 55 |  |  |  | $\begin{aligned} & 11,600 \\ & (22.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 11,850 \\ & (38.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 12,050 \\ & (47.8) \end{aligned}$ | $\begin{aligned} & 12,000 \\ & (54.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 10,950 \\ & (59.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 10,000 \\ & (63.2) \end{aligned}$ | $\begin{aligned} & 8,750 \\ & (65.9) \\ & \hline \end{aligned}$ |
| 60 |  |  |  |  | $\begin{aligned} & 10,100 \\ & (32.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 10,300 \\ & (43.3) \end{aligned}$ | $\begin{aligned} & 10,450 \\ & (50.8) \\ & \hline \end{aligned}$ | $\begin{gathered} 10,300 \\ (56) \\ \hline \end{gathered}$ | $\begin{aligned} & 9,400 \\ & (60.4) \end{aligned}$ | $\begin{aligned} & 7,850 \\ & (63.3) \\ & \hline \end{aligned}$ |
| 65 |  |  |  |  | $\begin{aligned} & 8,550 \\ & (23.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 8,750 \\ & (37.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 8,950 \\ & (46.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 9,100 \\ & (52.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 8,850 \\ & (57.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 7,000 \\ & (60.6) \\ & \hline \end{aligned}$ |
| 70 |  |  |  |  | $\begin{gathered} * 4,650 \\ (9.2) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 7,500 \\ & (31.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 7,650 \\ & (42.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 7,800 \\ & (48.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 7,950 \\ & (54.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 6,300 \\ & (57.9) \\ & \hline \end{aligned}$ |
| 75 |  |  |  |  |  | $\begin{aligned} & \hline 6,450 \\ & (24.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6,600 \\ & (37.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 6,750 \\ & (44.7) \\ & \hline \end{aligned}$ | $\begin{gathered} 6,850 \\ (51) \\ \hline \end{gathered}$ | $\begin{gathered} 5,700 \\ (55) \\ \hline \end{gathered}$ |
| 80 |  |  |  |  |  | $\begin{aligned} & \hline \text { *4,400 } \\ & (12.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,700 \\ & (31.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,800 \\ & (40.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,950 \\ & (47.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,150 \\ & (52.1) \\ & \hline \end{aligned}$ |
| 85 |  |  |  |  |  |  | $\begin{aligned} & \hline 4,900 \\ & (24.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,000 \\ & (35.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,150 \\ & (43.8) \\ & \hline \end{aligned}$ | $\begin{gathered} 4,650 \\ (49) \\ \hline \end{gathered}$ |
| 90 |  |  |  |  |  |  | $\begin{aligned} & \hline * 3,850 \\ & (15.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 4,300 \\ & (30.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 4,450 \\ & (39.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,150 \\ & (45.7) \\ & \hline \end{aligned}$ |
| 95 |  |  |  |  |  |  |  | $\begin{gathered} \hline 3,700 \\ (24) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 3,800 \\ & (35.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 3,700 \\ & (42.2) \\ & \hline \end{aligned}$ |
| 100 |  |  |  |  |  |  |  | $\begin{aligned} & \hline \text { *2,800 } \\ & (14.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 3,300 \\ & (30.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 3,300 \\ & (38.4) \\ & \hline \end{aligned}$ |
| 105 |  |  |  |  |  |  |  |  | $\begin{aligned} & 2,800 \\ & (24.6) \\ & \hline \end{aligned}$ | $\begin{array}{r} 2,850 \\ (34.2) \\ \hline \end{array}$ |
| 110 |  |  |  |  |  |  |  |  | $\begin{aligned} & 2,350 \\ & (16.8) \\ & \hline \end{aligned}$ | $\begin{array}{r} 2,450 \\ (29.5) \\ \hline \end{array}$ |
| 115 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & * 1,900 \\ & (23.7) \end{aligned}$ |
| 120 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & * 1,100 \\ & (15.8) \\ & \hline \end{aligned}$ |
| Minimum boom angle ( ${ }^{\circ}$ ) for indicated length (no load) |  |  |  |  |  |  | 0 | 5 | 8 | 10 |
| Maximum boom length (ft.) at $0^{\circ}$ boom angle (no load) |  |  |  |  |  |  | 97 |  |  |  |

NOTE: ( ) Boom angles are in degrees.
*Loads are structurally limited.
\#RCL operating code. Refer to RCL manual for operating instructions.


THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE
The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.


| Radius in Feet | \#0003 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Main Boom Length in Feet |  |  |  |  |  |  |  |  |  |
|  | 31.7 | 43-A | 54-B | 64-C | 75-D | 86-E | 97-F | 107-G | 118-H | 128 |
| 8 | $\begin{gathered} 110,000 \\ (68.1) \\ \hline \end{gathered}$ |  |  |  |  |  |  |  |  |  |
| 10 | $\begin{gathered} 92,300 \\ (64) \\ \hline \end{gathered}$ | $\begin{gathered} 39,200 \\ (71.6) \\ \hline \end{gathered}$ | $\begin{gathered} 39,700 \\ (75.6) \\ \hline \end{gathered}$ |  |  |  |  |  |  |  |
| 12 | $\begin{gathered} \hline 81,200 \\ (59.8) \\ \hline \end{gathered}$ | $\begin{gathered} 39,200 \\ (68.7) \\ \hline \end{gathered}$ | $\begin{gathered} 39,700 \\ (73.4) \\ \hline \end{gathered}$ | $\begin{gathered} 40,300 \\ (76.4) \\ \hline \end{gathered}$ | $\begin{aligned} & 34,100 \\ & (78.7) \\ & \hline \end{aligned}$ |  |  |  |  |  |
| 15 | $\begin{gathered} 65,400 \\ (53.1) \\ \hline \end{gathered}$ | $\begin{array}{r} 39,200 \\ (64.4) \\ \hline \end{array}$ | $\begin{gathered} 39,700 \\ (70.1) \\ \hline \end{gathered}$ | $\begin{gathered} 40,300 \\ (73.5) \\ \hline \end{gathered}$ | $\begin{array}{r} 34,100 \\ (76.4) \\ \hline \end{array}$ | $\begin{gathered} 22,650 \\ (78.3) \\ \hline \end{gathered}$ |  |  |  |  |
| 20 | $\begin{gathered} 47,750 \\ (40.3) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 39,200 \\ (56.7) \\ \hline \end{gathered}$ | $\begin{gathered} 39,700 \\ (64.4) \\ \hline \end{gathered}$ | $\begin{array}{r} 40,300 \\ (68.8) \\ \hline \end{array}$ | $\begin{array}{r} 34,100 \\ (72.5) \\ \hline \end{array}$ | $\begin{gathered} \hline 22,650 \\ (75) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 17,800 \\ & (77.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 14,700 \\ & (78.6) \\ & \hline \end{aligned}$ |  |  |
| 25 | $\begin{array}{r} 31,650 \\ (21.8) \\ \hline \end{array}$ | $\begin{gathered} 37,700 \\ (47.5) \\ \hline \end{gathered}$ | $\begin{gathered} 38,150 \\ (58) \\ \hline \end{gathered}$ | $\begin{array}{r} 37,150 \\ (63.9) \\ \hline \end{array}$ | $\begin{array}{r} 30,100 \\ (68.4) \\ \hline \end{array}$ | $\begin{gathered} 22,650 \\ (71.5) \\ \hline \end{gathered}$ | $\begin{aligned} & 17,800 \\ & (74.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 14,700 \\ & (76.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 12,900 \\ & (77.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 9,600 \\ & (78.9) \\ & \hline \end{aligned}$ |
| 30 |  | $\begin{array}{r} 30,200 \\ (37.3) \\ \hline \end{array}$ | $\begin{gathered} 30,700 \\ (51.3) \end{gathered}$ | $\begin{gathered} 31,000 \\ (58.6) \\ \hline \end{gathered}$ | $\begin{array}{r} 27,100 \\ (64.2) \\ \hline \end{array}$ | $\begin{gathered} 20,400 \\ (68) \\ \hline \end{gathered}$ | $\begin{aligned} & 17,800 \\ & (71.2) \end{aligned}$ | $\begin{aligned} & 14,700 \\ & (73.5) \end{aligned}$ | $\begin{aligned} & 12,900 \\ & (75.6) \end{aligned}$ | $\begin{aligned} & 9,600 \\ & (76.9) \end{aligned}$ |
| 35 |  | $\begin{gathered} \hline 22,300 \\ (23.6) \\ \hline \end{gathered}$ | $\begin{gathered} 25,100 \\ (43.9) \\ \hline \end{gathered}$ | $\begin{gathered} 25,350 \\ (53.1) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 24,600 \\ (59.8) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 18,500 \\ & (64.3) \\ & \hline \end{aligned}$ | $\begin{gathered} 16,300 \\ (68) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 14,700 \\ & (70.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 12,900 \\ & (73.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 9,600 \\ & (74.8) \end{aligned}$ |
| 40 |  |  | $\begin{gathered} \hline 20,950 \\ (35.2) \\ \hline \end{gathered}$ | $\begin{gathered} 21,250 \\ (47) \end{gathered}$ | $\begin{gathered} \hline 21,500 \\ (55.1) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 17,050 \\ & (60.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 15,100 \\ & (64.7) \\ & \hline \end{aligned}$ | $\begin{gathered} 13,650 \\ (68) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 12,050 \\ & (70.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 9,600 \\ & (72.7) \end{aligned}$ |
| 45 |  |  | $\begin{gathered} 16,400 \\ (24) \\ \hline \end{gathered}$ | $\begin{aligned} & 18,000 \\ & (40.3) \end{aligned}$ | $\begin{gathered} 18,250 \\ (50) \end{gathered}$ | $\begin{aligned} & 15,800 \\ & (56.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 14,000 \\ & (61.5) \\ & \hline \end{aligned}$ | $\begin{gathered} 12,550 \\ (65) \\ \hline \end{gathered}$ | $\begin{aligned} & 11,300 \\ & (68.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 9,600 \\ & (70.6) \\ & \hline \end{aligned}$ |
| 50 |  |  |  | $\begin{aligned} & \hline 15,250 \\ & (32.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 15,500 \\ & (44.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 14,600 \\ & (52.3) \\ & \hline \end{aligned}$ | $\begin{gathered} 12,850 \\ (58) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 11,750 \\ (62) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 10,650 \\ & (65.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 9,600 \\ & (68.4) \\ & \hline \end{aligned}$ |
| 55 |  |  |  | $\begin{gathered} * 11,900 \\ (22.2) \\ \hline \end{gathered}$ | $\begin{aligned} & 13,100 \\ & (38.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 13,300 \\ & (47.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 12,000 \\ & (54.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 10,950 \\ & (59.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 10,000 \\ & (63.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 8,750 \\ & (65.9) \\ & \hline \end{aligned}$ |
| 60 |  |  |  |  | $\begin{aligned} & 11,200 \\ & (32.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 11,400 \\ & (43.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 11,250 \\ & (50.8) \\ & \hline \end{aligned}$ | $\begin{gathered} 10,300 \\ (56) \\ \hline \end{gathered}$ | $\begin{aligned} & 9,400 \\ & (60.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 7,850 \\ & (63.3) \\ & \hline \end{aligned}$ |
| 65 |  |  |  |  | $\begin{aligned} & 9,700 \\ & (23.9) \end{aligned}$ | $\begin{aligned} & 9,900 \\ & (37.9) \end{aligned}$ | $\begin{gathered} 10,100 \\ (46.6) \\ \hline \end{gathered}$ | $\begin{aligned} & 9,700 \\ & (52.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 8,850 \\ & (57.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 7,000 \\ & (60.6) \\ & \hline \end{aligned}$ |
| 70 |  |  |  |  | $\begin{gathered} \hline * 4,650 \\ (9.2) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 8,600 \\ & (31.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 8,750 \\ & (42.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 8,900 \\ & (48.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 8,400 \\ & (54.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6,300 \\ & (57.9) \\ & \hline \end{aligned}$ |
| 75 |  |  |  |  |  | $\begin{aligned} & \hline 7,450 \\ & (24.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 7,600 \\ & (37.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 7,750 \\ & (44.7) \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 7,900 \\ (51) \\ \hline \end{gathered}$ | $\begin{gathered} 5,700 \\ (55) \\ \hline \end{gathered}$ |
| 80 |  |  |  |  |  | $\begin{aligned} & \hline * 4,400 \\ & (12.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6,650 \\ & (31.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6,800 \\ & (40.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6,900 \\ & (47.5) \end{aligned}$ | $\begin{aligned} & \hline 5,150 \\ & (52.1) \\ & \hline \end{aligned}$ |
| 85 |  |  |  |  |  |  | $\begin{aligned} & 5,800 \\ & (24.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,950 \\ & (35.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 6,050 \\ & (43.8) \\ & \hline \end{aligned}$ | $\begin{gathered} 4,650 \\ (49) \\ \hline \end{gathered}$ |
| 90 |  |  |  |  |  |  | $\begin{aligned} & \hline * 3,850 \\ & (15.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,200 \\ & (30.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,300 \\ & (39.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,150 \\ & (45.7) \\ & \hline \end{aligned}$ |
| 95 |  |  |  |  |  |  |  | $\begin{gathered} 4,550 \\ (24) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 4,650 \\ & (35.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (42.2) \\ & \hline \end{aligned}$ |
| 100 |  |  |  |  |  |  |  | $\begin{aligned} & \hline \text { *2,800 } \\ & (14.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 4,050 \\ & (30.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,300 \\ & (38.4) \\ & \hline \end{aligned}$ |
| 105 |  |  |  |  |  |  |  |  | $\begin{aligned} & 3,550 \\ & (24.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,000 \\ & (34.2) \\ & \hline \end{aligned}$ |
| 110 |  |  |  |  |  |  |  |  | $\begin{aligned} & \hline * 2,400 \\ & (16.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,650 \\ & (29.5) \\ & \hline \end{aligned}$ |
| 115 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & 1,900 \\ & (23.7) \\ & \hline \end{aligned}$ |
| 120 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \hline 1,100 \\ & (15.8) \\ & \hline \end{aligned}$ |
| Minimum boom angle ( ${ }^{\circ}$ ) for indicated length (no load) |  |  |  |  |  |  | 0 | 5 | 8 | 10 |
| Maximum boom length (ft.) at $0^{\circ}$ boom angle (no load) |  |  |  |  |  |  | 97 |  |  |  |

NOTE: ( ) Boom angles are in degrees
*Loads are structurally limited.
\#RCL operating code. Refer to RCL manual for operating instructions.

| Lifting Capacities at Zero Degree Boom Angle |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Boom | Main Boom Length in Feet |  |  |  |  |  |  |  |  |  |
| Angle | 31.7 | 43-A | 54-B | 64-C | 75-D | 86-E |  |  |  |  |
| $0^{\circ}$ | $\begin{aligned} & 12,900 \\ & (27.6) \end{aligned}$ | $\begin{aligned} & \hline 7,600 \\ & (38.8) \end{aligned}$ | $\begin{aligned} & \hline 4,850 \\ & (49.8) \end{aligned}$ | $\begin{aligned} & \hline 3,700 \\ & (59.8) \end{aligned}$ | $\begin{aligned} & \hline 2,200 \\ & (70.8) \end{aligned}$ | $\begin{aligned} & \hline 1,150 \\ & (81.8) \end{aligned}$ |  |  |  |  |

NOTE: ( ) Reference radii in feet.
80083166

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

## Load chart

NBT55


7,9 m-13,7m
( $26 \mathrm{ft}-45 \mathrm{ft}$ )


2722 kg ( 6000 lb )


100\%

$360^{\circ}$

| Radius in Feet | **26 ft. LENGTH |  | 45 ft . LENGTH |  |
| :---: | :---: | :---: | :---: | :---: |
|  | \#0005 | \#0007 | \#0009 | \#0011 |
|  | $\begin{gathered} \hline 0^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 30^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 0^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 30^{\circ} \\ \text { OFFSET } \end{gathered}$ |
| 35 | $\begin{aligned} & 5,200 \\ & (76.9) \end{aligned}$ |  |  |  |
| 40 | $\begin{aligned} & 5,200 \\ & (75.3) \end{aligned}$ |  | $\begin{aligned} & 3,700 \\ & (77.3) \\ & \hline \end{aligned}$ |  |
| 45 | $\begin{aligned} & 5,200 \\ & (73.6) \\ & \hline \end{aligned}$ |  | $\begin{aligned} & 3,700 \\ & (75.8) \\ & \hline \end{aligned}$ |  |
| 50 | $\begin{aligned} & 5,200 \\ & (71.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (77.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (74.4) \\ & \hline \end{aligned}$ |  |
| 55 | $\begin{aligned} & 5,200 \\ & (70.1) \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (75.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (72.9) \\ & \hline \end{aligned}$ |  |
| 60 | $\begin{aligned} & 5,200 \\ & (68.4) \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (73.7) \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (71.4) \end{aligned}$ |  |
| 65 | $\begin{aligned} & 5,200 \\ & (66.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (71.7) \\ & \hline \end{aligned}$ | $\begin{array}{r} 3,700 \\ (69.9) \end{array}$ | $\begin{gathered} 2,500 \\ (77) \end{gathered}$ |
| 70 | $\begin{aligned} & 4,850 \\ & (64.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,650 \\ & (69.7) \\ & \hline \end{aligned}$ | $\begin{array}{r} 3,700 \\ (68.4) \\ \hline \end{array}$ | $\begin{aligned} & \hline 2,500 \\ & (75.2) \\ & \hline \end{aligned}$ |
| 75 | $\begin{aligned} & 4,500 \\ & (62.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,400 \\ & (67.5) \\ & \hline \end{aligned}$ | $\begin{array}{r} 3,700 \\ (66.9) \\ \hline \end{array}$ | $\begin{aligned} & 2,500 \\ & (73.5) \end{aligned}$ |
| 80 | $\begin{aligned} & 4,250 \\ & (60.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,150 \\ & (65.2) \end{aligned}$ | $\begin{array}{r} 3,700 \\ (65.4) \\ \hline \end{array}$ | $\begin{aligned} & \hline 2,500 \\ & (71.7) \\ & \hline \end{aligned}$ |
| 85 | $\begin{aligned} & 3,950 \\ & (58.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,000 \\ & (62.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (63.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (69.8) \end{aligned}$ |
| 90 | $\begin{aligned} & 3,800 \\ & (56.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,800 \\ & (60.5) \\ & \hline \end{aligned}$ | $\begin{array}{r} 3,550 \\ (61.9) \\ \hline \end{array}$ | $\begin{array}{r} 2,500 \\ (67.9) \\ \hline \end{array}$ |
| 95 | $\begin{aligned} & 3,650 \\ & (53.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,650 \\ & (58.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,250 \\ & (59.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (65.9) \end{aligned}$ |
| 100 | $\begin{aligned} & 3,150 \\ & (51.2) \end{aligned}$ | $\begin{aligned} & 3,350 \\ & (55.4) \end{aligned}$ | $\begin{aligned} & 3,000 \\ & (57.8) \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (63.9) \end{aligned}$ |
| 105 | $\begin{aligned} & 2,600 \\ & (48.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,900 \\ & (52.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,700 \\ & (55.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,450 \\ & (61.7) \end{aligned}$ |
| 110 | $\begin{aligned} & 2,100 \\ & (45.5) \\ & \hline \end{aligned}$ | $\begin{array}{r} 2,550 \\ (49.5) \\ \hline \end{array}$ | $\begin{array}{r} 2,500 \\ (53.5) \\ \hline \end{array}$ | $\begin{aligned} & \hline 2,400 \\ & (59.5) \\ & \hline \end{aligned}$ |
| 115 | $\begin{aligned} & 1,700 \\ & (42.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,100 \\ & (46.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,300 \\ & (51.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,350 \\ & (57.1) \\ & \hline \end{aligned}$ |
| 120 | $\begin{aligned} & 1,350 \\ & (39.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & * 1,650 \\ & (42.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,050 \\ & (48.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,300 \\ & (54.7) \\ & \hline \end{aligned}$ |
| 125 | $\begin{gathered} 950 \\ (35.8) \\ \hline \end{gathered}$ | $\begin{aligned} & * 1,200 \\ & (38.9) \end{aligned}$ | $\begin{gathered} 1,750 \\ (46) \end{gathered}$ | $\begin{aligned} & 2,250 \\ & (52.1) \\ & \hline \end{aligned}$ |
| 130 | $\begin{gathered} 650 \\ (32.1) \\ \hline \end{gathered}$ | $\begin{gathered} \text { *850 } \\ (34.8) \end{gathered}$ | $\begin{aligned} & 1,500 \\ & (43.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,000 \\ & (49.1) \end{aligned}$ |
| 135 |  | $\begin{aligned} & \text { *450 } \\ & (30) \end{aligned}$ | $\begin{aligned} & 1,200 \\ & (40.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 1,600 \\ & (45.9) \end{aligned}$ |
| 140 |  |  | $\begin{gathered} 900 \\ (37.2) \\ \hline \end{gathered}$ | $\begin{aligned} & 1,250 \\ & (42.3) \end{aligned}$ |
| 145 |  |  | $\begin{gathered} 650 \\ (33.9) \\ \hline \end{gathered}$ | $\begin{gathered} \text { *900 } \\ (38.2) \end{gathered}$ |
| 150 |  |  |  | $\begin{gathered} \hline \text { *600 } \\ (33.9) \\ \hline \end{gathered}$ |
| Min. boom angle for indicated length (no load) | $29^{\circ}$ | $30^{\circ}$ | $30^{\circ}$ | $31^{\circ}$ |
| Max. boom length at $0^{\circ}$ boom angle (no load) |  | ft . |  | ft . |

NOTE: ( ) Boom angles are in degrees.
RCL operating code. Refer to RCL manual for instructions
Loads are structurally limited.
${ }^{*} 26 \mathrm{ft}$. capacities are applicable to both 26 ' fixed and 26 ' tele extension.

Boom extension capacity notes:

1. All capacities above the bold line are based on structural strength limitations.
2. 26 ft and 45 ft extension lengths may be used for single line lifting service.
3. Radii listed are for a fully extended boom with the boom extension erected. For main boom lengths less than fully extended, the rated loads are determined by boom angle. Use only the column which corresponds to the boom extension length and offset for which the machine is configured. For boom angles not shown, use the rating of the next lower boom angle.

Warning: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
4. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
5. Capacities listed are with outriggers properly extended and vertical jacks set only.

## Load chart

NBT55


7,9 m-13,7 m ( $26 \mathrm{ft}-45 \mathrm{ft}$ )


100\%


Over Rear

| Radius in Feet | **26 ft. LENGTH |  | 45 ft . LENGTH |  |
| :---: | :---: | :---: | :---: | :---: |
|  | \#0006 | \#0008 | \#0010 | \#0012 |
|  | $\begin{gathered} 0^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 30^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 0^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 30^{\circ} \\ \text { OFFSET } \end{gathered}$ |
| 35 | $\begin{aligned} & 5,200 \\ & (76.9) \end{aligned}$ |  |  |  |
| 40 | $\begin{aligned} & 5,200 \\ & (75.3) \\ & \hline \end{aligned}$ |  | $\begin{array}{r} 3,700 \\ (77.3) \\ \hline \end{array}$ |  |
| 45 | $\begin{aligned} & 5,200 \\ & (73.6) \\ & \hline \end{aligned}$ |  | $\begin{aligned} & 3,700 \\ & (75.8) \end{aligned}$ |  |
| 50 | $\begin{aligned} & 5,200 \\ & (71.9) \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (77.4) \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (74.4) \end{aligned}$ |  |
| 55 | $\begin{aligned} & 5,200 \\ & (70.1) \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (75.6) \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (72.9) \end{aligned}$ |  |
| 60 | $\begin{aligned} & 5,200 \\ & (68.4) \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (73.7) \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (71.4) \end{aligned}$ |  |
| 65 | $\begin{aligned} & 5,200 \\ & (66.7) \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (71.7) \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (69.9) \end{aligned}$ | $\begin{gathered} 2,500 \\ (77) \end{gathered}$ |
| 70 | $\begin{aligned} & 4,850 \\ & (64.7) \end{aligned}$ | $\begin{aligned} & 4,650 \\ & (69.7) \end{aligned}$ | $\begin{aligned} & \hline 3,700 \\ & (68.4) \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (75.2) \end{aligned}$ |
| 75 | $\begin{aligned} & 4,500 \\ & (62.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,400 \\ & (67.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (66.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (73.5) \\ & \hline \end{aligned}$ |
| 80 | $\begin{aligned} & 4,250 \\ & (60.5) \end{aligned}$ | $\begin{aligned} & 4,150 \\ & (65.2) \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (65.4) \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (71.7) \end{aligned}$ |
| 85 | $\begin{aligned} & 3,950 \\ & (58.3) \end{aligned}$ | $\begin{aligned} & 4,000 \\ & (62.9) \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (63.8) \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (69.8) \end{aligned}$ |
| 90 | $\begin{aligned} & 3,800 \\ & (56.1) \end{aligned}$ | $\begin{aligned} & 3,800 \\ & (60.5) \end{aligned}$ | $\begin{aligned} & 3,550 \\ & (61.9) \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (67.9) \end{aligned}$ |
| 95 | $\begin{aligned} & 3,650 \\ & (53.8) \end{aligned}$ | $\begin{aligned} & 3,650 \\ & (58.1) \end{aligned}$ | $\begin{aligned} & 3,250 \\ & (59.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (65.9) \end{aligned}$ |
| 100 | $\begin{aligned} & 3,150 \\ & (51.2) \end{aligned}$ | $\begin{aligned} & 3,350 \\ & (55.4) \end{aligned}$ | $\begin{aligned} & 3,000 \\ & (57.8) \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (63.9) \end{aligned}$ |
| 105 | $\begin{aligned} & 2,600 \\ & (48.4) \\ & \hline \end{aligned}$ | $\begin{array}{r} 2,900 \\ (52.5) \\ \hline \end{array}$ | $\begin{aligned} & \hline 2,700 \\ & (55.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,450 \\ & (61.7) \\ & \hline \end{aligned}$ |
| 110 | $\begin{aligned} & \hline 2,100 \\ & (45.5) \end{aligned}$ | $\begin{aligned} & 2,550 \\ & (49.5) \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (53.5) \end{aligned}$ | $\begin{aligned} & 2,400 \\ & (59.5) \end{aligned}$ |
| 115 | $\begin{aligned} & 1,700 \\ & (42.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,150 \\ & (46.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,300 \\ & (51.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,350 \\ & (57.1) \\ & \hline \end{aligned}$ |
| 120 | $\begin{aligned} & \hline 1,350 \\ & (39.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 1,650 \\ & (42.7) \end{aligned}$ | $\begin{aligned} & \hline 2,050 \\ & (48.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,300 \\ & (54.7) \\ & \hline \end{aligned}$ |
| 125 | $\begin{gathered} 950 \\ (35.8) \end{gathered}$ | $\begin{aligned} & 1,200 \\ & (38.9) \end{aligned}$ | $\begin{gathered} 1,750 \\ (46) \end{gathered}$ | $\begin{aligned} & 2,250 \\ & (52.1) \end{aligned}$ |
| 130 | $\begin{gathered} 650 \\ (32.1) \\ \hline \end{gathered}$ | $\begin{gathered} 850 \\ (34.8) \end{gathered}$ | $\begin{aligned} & 1,500 \\ & (43.3) \end{aligned}$ | $\begin{aligned} & 2,000 \\ & (49.1) \end{aligned}$ |
| 135 |  | $\begin{aligned} & \hline 450 \\ & (30) \\ & \hline \end{aligned}$ | $\begin{aligned} & 1,200 \\ & (40.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 1,750 \\ & (45.9) \end{aligned}$ |
| 140 |  |  | $\begin{gathered} 900 \\ (37.2) \\ \hline \end{gathered}$ | $\begin{aligned} & 1,350 \\ & (42.3) \end{aligned}$ |
| 145 |  |  | $\begin{gathered} 650 \\ (33.9) \\ \hline \end{gathered}$ | $\begin{gathered} 900 \\ (38.2) \end{gathered}$ |
| 150 |  |  |  | $\begin{gathered} 600 \\ (33.9) \\ \hline \end{gathered}$ |
| Min. boom angle for indicated length (no load) | $29^{\circ}$ | $30^{\circ}$ | $30^{\circ}$ | $31^{\circ}$ |
| Max. boom length at $0^{\circ}$ boom angle (no load) | 64 ft . |  | 64 ft . |  |

NOTE: ( ) Boom angles are in degrees. 80084531
\#RCL operating code. Refer to RCL manual for instructions.
**26 ft. capacities are applicable to both 26 ' fixed and 26 ' tele extension.

Boom extension capacity notes:

1. All capacities above the bold line are based on structural strength limitations.
2. 26 ft and 45 ft extension lengths may be used for single line lifting service.
3. Radii listed are for a fully extended boom with the boom extension erected. For main boom lengths less than fully extended, the rated loads are determined by boom angle. Use only the column which corresponds to the boom extension length and offset for which the machine is configured. For boom angles not shown, use the rating of the next lower boom angle.

Warning: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
4. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
5. Capacities listed are with outriggers properly extended and vertical jacks set only.

## NBT50/55



39,0 m
(128 ft)


100\%

$360^{\circ}$

| Radius in Feet | \#0001 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Main Boom Length in Feet |  |  |  |  |  |  |  |  |  |
|  | 31.7 | 43-A | 54-B | 64-C | 75-D | 86-E | 97-F | 107-G | 118-H | 128 |
| 8 | $\begin{gathered} 100,000 \\ (68.1) \end{gathered}$ |  |  |  |  |  |  |  |  |  |
| 10 | $\begin{gathered} \hline 92,250 \\ (64) \end{gathered}$ | $\begin{gathered} \hline 39,200 \\ (71.6) \\ \hline \end{gathered}$ | $\begin{gathered} 39,700 \\ (75.6) \\ \hline \end{gathered}$ |  |  |  |  |  |  |  |
| 12 | $\begin{gathered} \hline 80,100 \\ (59.8) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 39,200 \\ (68.7) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 39,700 \\ (73.4) \\ \hline \end{gathered}$ | $\begin{gathered} 40,300 \\ (76.4) \\ \hline \end{gathered}$ | $\begin{gathered} 34,100 \\ (78.7) \\ \hline \end{gathered}$ |  |  |  |  |  |
| 15 | $\begin{gathered} \hline 63,450 \\ (53.1) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 39,200 \\ (64.4) \end{gathered}$ | $\begin{gathered} 39,700 \\ (70.1) \\ \hline \end{gathered}$ | $\begin{gathered} 40,300 \\ (73.5) \\ \hline \end{gathered}$ | $\begin{gathered} 34,100 \\ (76.4) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 22,650 \\ (78.3) \\ \hline \end{gathered}$ |  |  |  |  |
| 20 | $\begin{gathered} 46,300 \\ (40.3) \\ \hline \end{gathered}$ | $\begin{gathered} 39,200 \\ (56.7) \\ \hline \end{gathered}$ | $\begin{gathered} 39,700 \\ (64.4) \\ \hline \end{gathered}$ | $\begin{array}{r} 40,300 \\ (68.8) \\ \hline \end{array}$ | $\begin{array}{r} 34,100 \\ (72.5) \\ \hline \end{array}$ | $\begin{gathered} 22,650 \\ (75) \\ \hline \end{gathered}$ | $\begin{aligned} & 17,800 \\ & (77.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 14,700 \\ & (78.6) \\ & \hline \end{aligned}$ |  |  |
| 25 | $\begin{gathered} 31,650 \\ (21.8) \\ \hline \end{gathered}$ | $\begin{gathered} 36,500 \\ (47.5) \\ \hline \end{gathered}$ | $\begin{gathered} 36,950 \\ (58) \\ \hline \end{gathered}$ | $\begin{gathered} 37,150 \\ (63.9) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 30,100 \\ & (68.4) \\ & \hline \end{aligned}$ | $\begin{gathered} 22,650 \\ (71.5) \\ \hline \end{gathered}$ | $\begin{aligned} & 17,800 \\ & (74.2) \end{aligned}$ | $\begin{aligned} & 14,700 \\ & (76.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 12,900 \\ & (77.8) \\ & \hline \end{aligned}$ |  |
| 30 |  | $\begin{array}{r} \hline 28,950 \\ (37.3) \\ \hline \end{array}$ | $\begin{gathered} \hline 29,400 \\ (51.3) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 29,700 \\ (58.6) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 27,100 \\ (64.2) \\ \hline \end{gathered}$ | $\begin{gathered} 20,400 \\ (68) \\ \hline \end{gathered}$ | $\begin{aligned} & 17,800 \\ & (71.2) \end{aligned}$ | $\begin{aligned} & \hline 14,700 \\ & (73.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 12,900 \\ & (75.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 9,600 \\ & (76.9) \end{aligned}$ |
| 35 |  | $\begin{gathered} \hline 22,300 \\ (23.6) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 23,900 \\ (43.9) \\ \hline \end{gathered}$ | $\begin{gathered} 24,300 \\ (53.1) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 24,550 \\ (59.8) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 18,500 \\ & (64.3) \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 16,300 \\ (68) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 14,700 \\ & (70.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 12,900 \\ & (73.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 9,600 \\ & (74.8) \end{aligned}$ |
| 40 |  |  | $\begin{aligned} & 18,600 \\ & (35.2) \\ & \hline \end{aligned}$ | $\begin{gathered} 18,950 \\ (47) \\ \hline \end{gathered}$ | $\begin{aligned} & 19,250 \\ & (55.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 17,050 \\ & (60.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 15,100 \\ & (64.7) \\ & \hline \end{aligned}$ | $\begin{gathered} 13,650 \\ (68) \\ \hline \end{gathered}$ | $\begin{aligned} & 12,050 \\ & (70.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 9,600 \\ & (72.7) \\ & \hline \end{aligned}$ |
| 45 |  |  | $\begin{gathered} 14,800 \\ (24) \\ \hline \end{gathered}$ | $\begin{aligned} & 15,150 \\ & (40.3) \\ & \hline \end{aligned}$ | $\begin{gathered} 15,450 \\ (50) \\ \hline \end{gathered}$ | $\begin{aligned} & 15,650 \\ & (56.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 14,000 \\ & (61.5) \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 12,550 \\ (65) \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 11,300 \\ (68.2) \\ \hline \end{array}$ | $\begin{aligned} & 9,600 \\ & (70.6) \\ & \hline \end{aligned}$ |
| 50 |  |  |  | $\begin{aligned} & \hline 12,350 \\ & (32.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 12,600 \\ & (44.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 12,800 \\ & (52.3) \\ & \hline \end{aligned}$ | $\begin{gathered} 12,850 \\ (58) \end{gathered}$ | $\begin{gathered} \hline 11,750 \\ (62) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 10,650 \\ (65.8) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 9,600 \\ & (68.4) \end{aligned}$ |
| 55 |  |  |  | $\begin{aligned} & \hline 10,300 \\ & (22.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 10,600 \\ & (38.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 10,800 \\ & (47.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 11,000 \\ & (54.4) \end{aligned}$ | $\begin{aligned} & \hline 10,950 \\ & (59.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 10,000 \\ & (63.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 8,750 \\ & (65.9) \\ & \hline \end{aligned}$ |
| 60 |  |  |  |  | $\begin{aligned} & \hline 8,850 \\ & (32.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 9,050 \\ & (43.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 9,250 \\ & (50.8) \\ & \hline \end{aligned}$ | $\begin{gathered} 9,400 \\ (56) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 9,400 \\ & (60.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 7,850 \\ & (63.3) \\ & \hline \end{aligned}$ |
| 65 |  |  |  |  | $\begin{aligned} & \hline 7,450 \\ & (23.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 7,650 \\ & (37.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 7,800 \\ & (46.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 7,950 \\ & (52.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 8,100 \\ & (57.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 7,000 \\ & (60.6) \\ & \hline \end{aligned}$ |
| 70 |  |  |  |  | $\begin{gathered} * 4,650 \\ (9.2) \end{gathered}$ | $\begin{aligned} & 6,500 \\ & (31.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 6,650 \\ & (42.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 6,800 \\ & (48.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 6,900 \\ & (54.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 6,300 \\ & (57.9) \\ & \hline \end{aligned}$ |
| 75 |  |  |  |  |  | $\begin{aligned} & \hline 5,500 \\ & (24.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,650 \\ & (37.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,800 \\ & (44.7) \\ & \hline \end{aligned}$ | $\begin{gathered} 5,900 \\ (51) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 5,700 \\ (55) \\ \hline \end{gathered}$ |
| 80 |  |  |  |  |  | $\begin{aligned} & \hline \text { *4,400 } \\ & (12.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (31.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 4,950 \\ & (40.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,050 \\ & (47.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5,150 \\ & (52.1) \\ & \hline \end{aligned}$ |
| 85 |  |  |  |  |  |  | $\begin{aligned} & 4,100 \\ & (24.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 4,200 \\ & (35.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 4,300 \\ & (43.8) \\ & \hline \end{aligned}$ | $\begin{gathered} 4,400 \\ (49) \\ \hline \end{gathered}$ |
| 90 |  |  |  |  |  |  | $\begin{aligned} & 3,450 \\ & (15.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 3,550 \\ & (30.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 3,650 \\ & (39.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,750 \\ & (45.7) \\ & \hline \end{aligned}$ |
| 95 |  |  |  |  |  |  |  | $\begin{gathered} 3,000 \\ (24) \\ \hline \end{gathered}$ | $\begin{aligned} & 3,100 \\ & (35.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,200 \\ & (42.2) \\ & \hline \end{aligned}$ |
| 100 |  |  |  |  |  |  |  | $\begin{aligned} & 2,500 \\ & (14.9) \end{aligned}$ | $\begin{aligned} & 2,600 \\ & (30.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,700 \\ & (38.4) \\ & \hline \end{aligned}$ |
| 105 |  |  |  |  |  |  |  |  | $\begin{aligned} & \hline 2,150 \\ & (24.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,250 \\ & (34.2) \\ & \hline \end{aligned}$ |
| 110 |  |  |  |  |  |  |  |  | $\begin{aligned} & \hline 1,750 \\ & (16.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 1,800 \\ & (29.5) \\ & \hline \end{aligned}$ |
| 115 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & 1,450 \\ & (23.7) \\ & \hline \end{aligned}$ |
| 120 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & * 1,100 \\ & (15.8) \end{aligned}$ |
| Minimum boom angle ( ${ }^{\circ}$ ) for indicated length (no load) |  |  |  |  |  |  | 0 | 5 | 8 | 10 |
| Maximum boom length (ft.) at $0^{\circ}$ boom angle (no load) |  |  |  |  |  |  | 97 |  |  |  |

NOTE: ( ) Boom angles are in degrees
*Loads are structurally limited.
\#RCL operating code. Refer to RCL manual for operating instructions

| Lifting Capacities at Zero Degree Boom Angle |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Boom Angle | Main Boom Length in Feet |  |  |  |  |  |  |  |  |  |
|  | 31.7 | 43-A | 54-B | 64-C | 75-D | 86-E |  |  |  |  |
| $0^{\circ}$ | $\begin{aligned} & 12,900 \\ & (27.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 7,600 \\ & (38.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,850 \\ & (49.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (59.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,200 \\ & (70.8) \\ & \hline \end{aligned}$ | $\begin{array}{r} 1,150 \\ (81.8) \\ \hline \end{array}$ |  |  |  |  |

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

## NBT50/55

| $\substack{1361 \mathrm{~kg} \\ 39,0 \mathrm{~m} \\ (128 \mathrm{ft})}$ | $100 \%$ <br> $(3000 \mathrm{lb})$ |
| :---: | :---: |


| Radius in Feet | \#0003 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Main Boom Length in Feet |  |  |  |  |  |  |  |  |  |
|  | 31.7 | 43-A | 54-B | 64-C | 75-D | 86-E | 97-F | 107-G | 118-H | 128 |
| 8 | $\begin{gathered} 100,000 \\ (68.1) \end{gathered}$ |  |  |  |  |  |  |  |  |  |
| 10 | $\begin{gathered} 92,250 \\ (64) \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 39,200 \\ (71.6) \\ \hline \end{array}$ | $\begin{gathered} 39,700 \\ (75.6) \\ \hline \end{gathered}$ |  |  |  |  |  |  |  |
| 12 | $\begin{gathered} \hline 80,100 \\ (59.8) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 39,200 \\ (68.7) \\ \hline \end{gathered}$ | $\begin{gathered} 39,700 \\ (73.4) \end{gathered}$ | $\begin{gathered} 40,300 \\ (76.4) \\ \hline \end{gathered}$ | $\begin{array}{r} 34,100 \\ (78.7) \\ \hline \end{array}$ |  |  |  |  |  |
| 15 | $\begin{gathered} \hline 63,450 \\ (53.1) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 39,200 \\ (64.4) \\ \hline \end{gathered}$ | $\begin{array}{r} 39,700 \\ (70.1) \\ \hline \end{array}$ | $\begin{gathered} \hline 40,300 \\ (73.5) \\ \hline \end{gathered}$ | $\begin{array}{r} 34,100 \\ (76.4) \\ \hline \end{array}$ | $\begin{gathered} 22,650 \\ (78.3) \\ \hline \end{gathered}$ |  |  |  |  |
| 20 | $\begin{gathered} 46,300 \\ (40.3) \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 39,200 \\ (56.7) \\ \hline \end{array}$ | $\begin{gathered} 39,700 \\ (64.4) \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 40,300 \\ (68.8) \\ \hline \end{array}$ | $\begin{array}{r} 34,100 \\ (72.5) \\ \hline \end{array}$ | $\begin{gathered} 22,650 \\ (75) \\ \hline \end{gathered}$ | $\begin{aligned} & 17,800 \\ & (77.1) \\ & \hline \end{aligned}$ | $\begin{gathered} 14,700 \\ (78.6) \\ \hline \end{gathered}$ |  |  |
| 25 | $\begin{gathered} 31,650 \\ (21.8) \\ \hline \end{gathered}$ | $\begin{gathered} 36,500 \\ (47.5) \\ \hline \end{gathered}$ | $\begin{gathered} 36,950 \\ (58) \\ \hline \end{gathered}$ | $\begin{gathered} 37,150 \\ (63.9) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 30,100 \\ & (68.4) \end{aligned}$ | $\begin{gathered} 22,650 \\ (71.5) \end{gathered}$ | $\begin{aligned} & 17,800 \\ & (74.2) \end{aligned}$ | $\begin{aligned} & 14,700 \\ & (76.1) \end{aligned}$ | $\begin{aligned} & 12,900 \\ & (77.8) \end{aligned}$ | $\begin{aligned} & 9,600 \\ & (78.9) \end{aligned}$ |
| 30 |  | $\begin{array}{r} \hline 28,950 \\ (37.3) \\ \hline \end{array}$ | $\begin{aligned} & 29,400 \\ & (51.3) \end{aligned}$ | $\begin{gathered} 29,700 \\ (58.6) \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 27,100 \\ (64.2) \\ \hline \end{array}$ | $\begin{gathered} 20,400 \\ (68) \end{gathered}$ | $\begin{aligned} & 17,800 \\ & (71.2) \end{aligned}$ | $\begin{aligned} & 14,700 \\ & (73.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 12,900 \\ & (75.6) \end{aligned}$ | $\begin{aligned} & 9,600 \\ & (76.9) \\ & \hline \end{aligned}$ |
| 35 |  | $\begin{array}{r} \hline 22,300 \\ (23.6) \\ \hline \end{array}$ | $\begin{gathered} 24,000 \\ (43.9) \end{gathered}$ | $\begin{gathered} \hline 24,300 \\ (53.1) \\ \hline \end{gathered}$ | $\begin{gathered} 24,550 \\ (59.8) \end{gathered}$ | $\begin{aligned} & 18,500 \\ & (64.3) \end{aligned}$ | $\begin{gathered} 16,300 \\ (68) \end{gathered}$ | $\begin{aligned} & 14,700 \\ & (70.8) \end{aligned}$ | $\begin{aligned} & 12,900 \\ & (73.2) \end{aligned}$ | $\begin{aligned} & 9,600 \\ & (74.8) \end{aligned}$ |
| 40 |  |  | $\begin{gathered} 20,000 \\ (35.2) \end{gathered}$ | $\begin{gathered} 20,300 \\ (47) \\ \hline \end{gathered}$ | $\begin{array}{r} 20,550 \\ (55.1) \\ \hline \end{array}$ | $\begin{aligned} & 17,050 \\ & (60.5) \end{aligned}$ | $\begin{aligned} & 15,100 \\ & (64.7) \end{aligned}$ | $\begin{gathered} \begin{array}{c} 13,650 \\ (68) \end{array} \\ \hline \end{gathered}$ | $\begin{aligned} & 12,050 \\ & (70.8) \end{aligned}$ | $\begin{aligned} & \hline 9,600 \\ & (72.7) \end{aligned}$ |
| 45 |  |  | $\begin{gathered} 16,400 \\ (24) \\ \hline \end{gathered}$ | $\begin{aligned} & 16,800 \\ & (40.3) \end{aligned}$ | $\begin{gathered} 17,050 \\ (50) \end{gathered}$ | $\begin{aligned} & 15,800 \\ & (56.5) \end{aligned}$ | $\begin{aligned} & 14,000 \\ & (61.5) \end{aligned}$ | $\begin{gathered} 12,550 \\ (65) \\ \hline \end{gathered}$ | $\begin{aligned} & 11,300 \\ & (68.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 9,600 \\ & (70.6) \\ & \hline \end{aligned}$ |
| 50 |  |  |  | $\begin{aligned} & \hline 13,900 \\ & (32.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 14,150 \\ & (44.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 14,350 \\ & (52.3) \\ & \hline \end{aligned}$ | $\begin{gathered} 12,850 \\ (58) \\ \hline \end{gathered}$ | $\begin{gathered} 11,750 \\ (62) \\ \hline \end{gathered}$ | $\begin{aligned} & 10,650 \\ & (65.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 9,600 \\ & (68.4) \\ & \hline \end{aligned}$ |
| 55 |  |  |  | $\begin{aligned} & \hline 11,650 \\ & (22.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 11,900 \\ & (38.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 12,100 \\ & (47.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 12,000 \\ & (54.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 10,950 \\ & (59.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 10,000 \\ & (63.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 8,750 \\ & (65.9) \\ & \hline \end{aligned}$ |
| 60 |  |  |  |  | $\begin{aligned} & 10,200 \\ & (32.4) \end{aligned}$ | $\begin{aligned} & 10,400 \\ & (43.3) \end{aligned}$ | $\begin{aligned} & 10,550 \\ & (50.8) \end{aligned}$ | $\begin{gathered} \hline 10,300 \\ (56) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 9,400 \\ & (60.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 7,850 \\ & (63.3) \\ & \hline \end{aligned}$ |
| 65 |  |  |  |  | $\begin{aligned} & \hline 8,700 \\ & (23.9) \end{aligned}$ | $\begin{aligned} & \hline 8,900 \\ & (37.9) \end{aligned}$ | $\begin{aligned} & 9,050 \\ & (46.6) \end{aligned}$ | $\begin{aligned} & 9,200 \\ & (52.4) \end{aligned}$ | $\begin{aligned} & 8,850 \\ & (57.5) \end{aligned}$ | $\begin{aligned} & \hline 7,000 \\ & (60.6) \end{aligned}$ |
| 70 |  |  |  |  | $\begin{gathered} * 4,650 \\ (9.2) \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 7,650 \\ & (31.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 7,850 \\ & (42.1) \end{aligned}$ | $\begin{aligned} & \hline 7,950 \\ & (48.7) \end{aligned}$ | $\begin{aligned} & \hline 8,100 \\ & (54.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6,300 \\ & (57.9) \\ & \hline \end{aligned}$ |
| 75 |  |  |  |  |  | $\begin{aligned} & \hline 6,600 \\ & (24.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6,750 \\ & (37.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6,900 \\ & (44.7) \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 7,000 \\ (51) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 5,700 \\ (55) \\ \hline \end{gathered}$ |
| 80 |  |  |  |  |  | $\begin{aligned} & * 4,400 \\ & (12.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,850 \\ & (31.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6,000 \\ & (40.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6,100 \\ & (47.5) \end{aligned}$ | $\begin{aligned} & \hline 5,150 \\ & (52.1) \\ & \hline \end{aligned}$ |
| 85 |  |  |  |  |  |  | $\begin{aligned} & \hline 5,100 \\ & (24.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,200 \\ & (35.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 5,300 \\ & (43.8) \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 4,650 \\ (49) \\ \hline \end{gathered}$ |
| 90 |  |  |  |  |  |  | $\begin{aligned} & * 3,850 \\ & (15.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,500 \\ & (30.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 4,600 \\ & (39.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,150 \\ & (45.7) \\ & \hline \end{aligned}$ |
| 95 |  |  |  |  |  |  |  | $\begin{gathered} 3,900 \\ (24) \\ \hline \end{gathered}$ | $\begin{aligned} & 4,000 \\ & (35.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (42.2) \\ & \hline \end{aligned}$ |
| 100 |  |  |  |  |  |  |  | $\begin{aligned} & * 2,800 \\ & (14.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 3,450 \\ & (30.5) \end{aligned}$ | $\begin{aligned} & \hline 3,300 \\ & (38.4) \end{aligned}$ |
| 105 |  |  |  |  |  |  |  |  | $\begin{aligned} & \hline 2,950 \\ & (24.6) \end{aligned}$ | $\begin{aligned} & \hline 3,000 \\ & (34.2) \end{aligned}$ |
| 110 |  |  |  |  |  |  |  |  | $\begin{aligned} & * 2,400 \\ & (16.8) \end{aligned}$ | $\begin{aligned} & \hline 2,600 \\ & (29.5) \end{aligned}$ |
| 115 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & * 1,900 \\ & (23.7) \end{aligned}$ |
| 120 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & * 1,100 \\ & (15.8) \end{aligned}$ |
| Minimum boom angle ( ${ }^{\circ}$ ) for indicated length (no load) |  |  |  |  |  |  | 0 | 5 | 8 | 10 |
| Maximum boom length (ft.) at $0^{\circ}$ boom angle (no load) |  |  |  |  |  |  | 97 |  |  |  |

NOTE: ( ) Boom angles are in degrees.
*Loads are structurally limited.
\#RCL operating code. Refer to RCL manual for operating instructions.

| Lifting Capacities at Zero Degree Boom Angle |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Boom Angle | Main Boom Length in Feet |  |  |  |  |  |  |  |  |  |
|  | 31.7 | 43-A | 54-B | 64-C | 75-D | 86-E |  |  |  |  |
| $0^{\circ}$ | $\begin{aligned} & 12,900 \\ & (27.6) \end{aligned}$ | $\begin{aligned} & \hline 7,600 \\ & (38.8) \end{aligned}$ | $\begin{aligned} & 4,850 \\ & (49.8) \end{aligned}$ | $\begin{aligned} & \hline 3,700 \\ & (59.8) \end{aligned}$ | $\begin{aligned} & \hline 2,200 \\ & (70.8) \end{aligned}$ | $\begin{aligned} & \hline 1,150 \\ & (81.8) \end{aligned}$ |  |  |  |  |
| NOTE: ( ) Reference radii in feet. |  |  |  |  |  |  |  |  |  | 80109645 |

## Load chart

## NBT50/55


7,9 m-13,7 m
( $26 \mathrm{ft}-45 \mathrm{ft}$ )

1361 kg ( 3000 lb )

100\%

$360^{\circ}$

| Radius <br> in <br> Feet | **26 ft. LENGTH |  | 45 ft LENGTH |  |
| :---: | :---: | :---: | :---: | :---: |
|  | \#0005 | \#0007 | \#0009 | \#0011 |
|  | $\begin{gathered} 0^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 30^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 0^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 30^{\circ} \\ \text { OFFSET } \end{gathered}$ |
| 35 | $\begin{aligned} & 5,200 \\ & (76.9) \end{aligned}$ |  |  |  |
| 40 | $\begin{aligned} & \hline 5,200 \\ & (75.3) \\ & \hline \end{aligned}$ |  | $\begin{aligned} & \hline 3,700 \\ & (77.3) \\ & \hline \end{aligned}$ |  |
| 45 | $\begin{aligned} & 5,200 \\ & (73.6) \\ & \hline \end{aligned}$ |  | $\begin{array}{r} 3,700 \\ (75.8) \\ \hline \end{array}$ |  |
| 50 | $\begin{aligned} & 5,200 \\ & (71.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (77.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (74.4) \\ & \hline \end{aligned}$ |  |
| 55 | $\begin{aligned} & 5,200 \\ & (70.1) \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (75.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 3,700 \\ & (72.9) \\ & \hline \end{aligned}$ |  |
| 60 | $\begin{aligned} & \hline 5,200 \\ & (68.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (73.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (71.4) \end{aligned}$ |  |
| 65 | $\begin{aligned} & \hline 5,200 \\ & (66.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (71.7) \\ & \hline \end{aligned}$ | $\begin{array}{r} 3,700 \\ (69.9) \\ \hline \end{array}$ | $\begin{gathered} 2,500 \\ (77) \\ \hline \end{gathered}$ |
| 70 | $\begin{aligned} & 4,850 \\ & (64.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 4,650 \\ & (69.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (68.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (75.2) \\ & \hline \end{aligned}$ |
| 75 | $\begin{aligned} & 4,500 \\ & (62.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,400 \\ & (67.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 3,700 \\ & (66.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,500 \\ & (73.5) \\ & \hline \end{aligned}$ |
| 80 | $\begin{aligned} & \hline 4,250 \\ & (60.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 4,150 \\ & (65.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (65.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,500 \\ & (71.7) \\ & \hline \end{aligned}$ |
| 85 | $\begin{aligned} & 3,450 \\ & (58.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,000 \\ & (62.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 3,700 \\ & (63.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,500 \\ & (69.8) \\ & \hline \end{aligned}$ |
| 90 | $\begin{aligned} & 3,450 \\ & (56.1) \end{aligned}$ | $\begin{aligned} & 3,800 \\ & (60.5) \end{aligned}$ | $\begin{aligned} & 3,550 \\ & (61.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,500 \\ & (67.9) \end{aligned}$ |
| 95 | $\begin{aligned} & \hline 3,000 \\ & (53.8) \\ & \hline \end{aligned}$ | $\begin{array}{r} 3,550 \\ (58.1) \\ \hline \end{array}$ | $\begin{aligned} & \hline 3,250 \\ & (59.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,500 \\ & (65.9) \\ & \hline \end{aligned}$ |
| 100 | $\begin{aligned} & 2,450 \\ & (51.2) \\ & \hline \end{aligned}$ | $\begin{array}{r} 2,950 \\ (55.4) \\ \hline \end{array}$ | $\begin{aligned} & 3,000 \\ & (57.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (63.9) \\ & \hline \end{aligned}$ |
| 105 | $\begin{aligned} & \hline 2,000 \\ & (48.4) \\ & \hline \end{aligned}$ | $\begin{array}{r} 2,450 \\ (52.5) \\ \hline \end{array}$ | $\begin{aligned} & \hline 2,700 \\ & (55.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,450 \\ & (61.7) \\ & \hline \end{aligned}$ |
| 110 | $\begin{aligned} & 1,600 \\ & (45.5) \\ & \hline \end{aligned}$ | $\begin{array}{r} 1,950 \\ (49.5) \\ \hline \end{array}$ | $\begin{array}{r} 2,400 \\ (53.5) \\ \hline \end{array}$ | $\begin{aligned} & \hline 2,400 \\ & (59.5) \\ & \hline \end{aligned}$ |
| 115 | $\begin{aligned} & 1,200 \\ & (42.5) \\ & \hline \end{aligned}$ | $\begin{array}{r} 1,500 \\ (46.3) \\ \hline \end{array}$ | $\begin{array}{r} 2,000 \\ (51.2) \\ \hline \end{array}$ | $\begin{aligned} & 2,350 \\ & (57.1) \\ & \hline \end{aligned}$ |
| 120 | $\begin{gathered} 850 \\ (39.3) \\ \hline \end{gathered}$ | $\begin{array}{r} 1,100 \\ (42.7) \\ \hline \end{array}$ | $\begin{aligned} & 1,650 \\ & (48.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 2,200 \\ & (54.7) \\ & \hline \end{aligned}$ |
| 125 | $\begin{gathered} 550 \\ (35.8) \\ \hline \end{gathered}$ | $\begin{array}{r} \hline 750 \\ (38.9) \\ \hline \end{array}$ | $\begin{gathered} 1,300 \\ (46) \\ \hline \end{gathered}$ | $\begin{aligned} & 1,800 \\ & (52.1) \\ & \hline \end{aligned}$ |
| 130 |  |  | $\begin{aligned} & 1,000 \\ & (43.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 1,450 \\ & (49.1) \\ & \hline \end{aligned}$ |
| 135 |  |  | $\begin{gathered} 700 \\ (40.4) \\ \hline \end{gathered}$ | $\begin{aligned} & 1,050 \\ & (45.9) \\ & \hline \end{aligned}$ |
| 140 |  |  | $\begin{gathered} 450 \\ (37.2) \\ \hline \end{gathered}$ | $\begin{gathered} 800 \\ (42.3) \\ \hline \end{gathered}$ |
| 145 |  |  |  | $\begin{gathered} 500 \\ (38.2) \\ \hline \end{gathered}$ |
| Min. boom angle for indicated length (no load) | $34^{\circ}$ | $34^{\circ}$ | $36^{\circ}$ | $36^{\circ}$ |
| Max. boom length at $0^{\circ}$ boom angle (no load) |  | ft . |  |  |

NOTE: ( ) Boom angles are in degrees.
80109647
$\neq R C L$ operating code. Refer to RCL manual for instructions
**26 ft. capacities are applicable to both 26 ' fixed and 26 ' tele extension.

## Boom extension capacity notes:

1. All capacities above the bold line are based on structural strength limitations.
2. 26 ft and 45 ft extension lengths may be used for single line lifting service.
3. Radii listed are for a fully extended boom with the boom extension erected. For main boom lengths less than fully extended, the rated loads are determined by boom angle. Use only the column which corresponds to the boom extension length and offset for which the machine is configured. For boom angles not shown, use the rating of the next lower boom angle.

Warning: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
4. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
5. Capacities listed are with outriggers properly extended and vertical jacks set only.

## Load chart

## NBT50/55



7,9 m-13,7 m ( $26 \mathrm{ft}-45 \mathrm{ft}$ )


100\%


Over Rear

| Radius in Feet | **26 ft. LENGTH |  | 45 ft . LENGTH |  |
| :---: | :---: | :---: | :---: | :---: |
|  | \#0006 | \#0008 | \#0010 | \#0012 |
|  | $\begin{gathered} 0^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 30^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 0^{\circ} \\ \text { OFFSET } \end{gathered}$ | $\begin{gathered} 30^{\circ} \\ \text { OFFSET } \end{gathered}$ |
| 35 | $\begin{aligned} & 5,200 \\ & (76.9) \end{aligned}$ |  |  |  |
| 40 | $\begin{aligned} & 5,200 \\ & (75.3) \end{aligned}$ |  | $\begin{aligned} & 3,700 \\ & (77.3) \end{aligned}$ |  |
| 45 | $\begin{array}{r} 5,200 \\ (73.6) \\ \hline \end{array}$ |  | $\begin{aligned} & 3,700 \\ & (75.8) \\ & \hline \end{aligned}$ |  |
| 50 | $\begin{aligned} & 5,200 \\ & (71.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (77.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (74.4) \\ & \hline \end{aligned}$ |  |
| 55 | $\begin{aligned} & 5,200 \\ & (70.1) \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (75.6) \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (72.9) \end{aligned}$ |  |
| 60 | $\begin{aligned} & 5,200 \\ & (68.4) \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (73.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (71.4) \end{aligned}$ |  |
| 65 | $\begin{aligned} & 5,200 \\ & (66.7) \end{aligned}$ | $\begin{aligned} & 4,800 \\ & (71.7) \\ & \hline \end{aligned}$ | $\begin{array}{r} 3,700 \\ (69.9) \\ \hline \end{array}$ | $\begin{gathered} 2,500 \\ (77) \end{gathered}$ |
| 70 | $\begin{aligned} & 4,850 \\ & (64.7) \end{aligned}$ | $\begin{aligned} & 4,650 \\ & (69.7) \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (68.4) \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (75.2) \end{aligned}$ |
| 75 | $\begin{aligned} & 4,500 \\ & (62.6) \end{aligned}$ | $\begin{aligned} & 4,400 \\ & (67.5) \\ & \hline \end{aligned}$ | $\begin{array}{r} 3,700 \\ (66.9) \\ \hline \end{array}$ | $\begin{array}{r} 2,500 \\ (73.5) \\ \hline \end{array}$ |
| 80 | $\begin{aligned} & 4,250 \\ & (60.5) \end{aligned}$ | $\begin{array}{r} 4,150 \\ (65.2) \\ \hline \end{array}$ | $\begin{aligned} & 3,700 \\ & (65.4) \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (71.7) \end{aligned}$ |
| 85 | $\begin{aligned} & 3,950 \\ & (58.3) \end{aligned}$ | $\begin{aligned} & 4,000 \\ & (62.9) \end{aligned}$ | $\begin{aligned} & 3,700 \\ & (63.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (69.8) \end{aligned}$ |
| 90 | $\begin{aligned} & 3,800 \\ & (56.1) \end{aligned}$ | $\begin{aligned} & 3,800 \\ & (60.5) \end{aligned}$ | $\begin{aligned} & 3,550 \\ & (61.9) \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (67.9) \end{aligned}$ |
| 95 | $\begin{array}{r} 3,650 \\ (53.8) \end{array}$ | $\begin{aligned} & 3,650 \\ & (58.1) \end{aligned}$ | $\begin{array}{r} 3,250 \\ (59.9) \\ \hline \end{array}$ | $\begin{aligned} & 2,500 \\ & (65.9) \\ & \hline \end{aligned}$ |
| 100 | $\begin{aligned} & 3,150 \\ & (51.2) \end{aligned}$ | $\begin{aligned} & 3,350 \\ & (55.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3,000 \\ & (57.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (63.9) \\ & \hline \end{aligned}$ |
| 105 | $\begin{aligned} & 2,600 \\ & (48.4) \end{aligned}$ | $\begin{aligned} & 2,900 \\ & (52.5) \end{aligned}$ | $\begin{aligned} & 2,700 \\ & (55.6) \end{aligned}$ | $\begin{aligned} & 2,450 \\ & (61.7) \end{aligned}$ |
| 110 | $\begin{aligned} & 2,100 \\ & (45.5) \end{aligned}$ | $\begin{aligned} & 2,550 \\ & (49.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,500 \\ & (53.5) \end{aligned}$ | $\begin{array}{r} 2,400 \\ (59.5) \\ \hline \end{array}$ |
| 115 | $\begin{aligned} & 1,700 \\ & (42.5) \end{aligned}$ | $\begin{aligned} & 2,150 \\ & (46.3) \end{aligned}$ | $\begin{aligned} & 2,300 \\ & (51.2) \end{aligned}$ | $\begin{aligned} & \hline 2,350 \\ & (57.1) \end{aligned}$ |
| 120 | $\begin{aligned} & \hline 1,350 \\ & (39.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 1,650 \\ & (42.7) \\ & \hline \end{aligned}$ | $\begin{aligned} & 2,050 \\ & (48.7) \end{aligned}$ | $\begin{aligned} & \hline 2,300 \\ & (54.7) \\ & \hline \end{aligned}$ |
| 125 | $\begin{gathered} 950 \\ (35.8) \end{gathered}$ | $\begin{aligned} & 1,200 \\ & (38.9) \\ & \hline \end{aligned}$ | $\begin{gathered} 1,750 \\ (46) \end{gathered}$ | $\begin{aligned} & 2,250 \\ & (52.1) \end{aligned}$ |
| 130 | $\begin{gathered} 650 \\ (32.1) \end{gathered}$ | $\begin{gathered} 850 \\ (34.8) \\ \hline \end{gathered}$ | $\begin{array}{r} 1,500 \\ (43.3) \\ \hline \end{array}$ | $\begin{aligned} & 2,100 \\ & (49.1) \\ & \hline \end{aligned}$ |
| 135 |  | $\begin{aligned} & 450 \\ & (30) \\ & \hline \end{aligned}$ | $\begin{aligned} & 1,200 \\ & (40.4) \end{aligned}$ | $\begin{aligned} & 1,700 \\ & (45.9) \\ & \hline \end{aligned}$ |
| 140 |  |  | $\begin{gathered} 900 \\ (37.2) \\ \hline \end{gathered}$ | $\begin{aligned} & * 1,350 \\ & (42.3) \end{aligned}$ |
| 145 |  |  | $\begin{gathered} 650 \\ (33.9) \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { *900 } \\ (38.2) \\ \hline \end{gathered}$ |
| 150 |  |  |  | $\begin{gathered} * 600 \\ (33.9) \end{gathered}$ |
| Min. boom angle for indicated length (no load) | $29^{\circ}$ | $30^{\circ}$ | $30^{\circ}$ | $31^{\circ}$ |
| Max. boom length at $0^{\circ}$ boom angle (no load) | 64 ft . |  | 64 ft . |  |

NOTE: ( ) Boom angles are in degrees.
\#RCL operating code. Refer to RCL manual for instructions
*Capacities are structurally limited.
${ }^{* *} 26 \mathrm{ft}$. capacities are applicable to both 26 ' fixed and 26 ' tele
extension.

## Boom extension capacity notes:

1. All capacities above the bold line are based on structural strength limitations.
2. 26 ft and 45 ft extension lengths may be used for single line lifting service.
3. Radii listed are for a fully extended boom with the boom extension erected. For main boom lengths less than fully extended, the rated loads are determined by boom angle. Use only the column which corresponds to the boom extension length and offset for which the machine is configured. For boom angles not shown, use the rating of the next lower boom angle.

Warning: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
4. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
5. Capacities listed are with outriggers properly extended and vertical jacks set only.

## Specifications

Superstructure

## Boom

Two boom options: $9,51 \mathrm{~m}-31,1 \mathrm{~m}(31.2 \mathrm{ft}-102 \mathrm{ft})$ four-section boom and $9,7 \mathrm{~m}-39,0 \mathrm{~m}$ ( $31.7 \mathrm{ft}-128 \mathrm{ft}$ ) five-section boom. Includes proportional extension via multi-stage hydraulic cylinder and cable operation, four-plate, high-strength steel construction, three-sheave, quick reeve boom nose and Easy-Glide wear pads.

## Boom elevation

One (1) double-acting, hydraulic cylinder with integral holding valve with integral pressure transducers provides elevation from $-8^{\circ}$ to $+80^{\circ}$.

## (1. Rated Capacity Limiting (RCL) and anti-two-block (ATB) systems

Graphical display capacity limiter and anti-two-block system with audio visual warning and crane function lockout. The graphical display is a $178 \mathrm{~mm}(7 \mathrm{in})$ color and polarized screen for real-time display of boom angle, length, radius, tip height, maximum permissible load, load indication and warning of impending overload or anti-two-block condition. Work area definition system (WADS) allowing operator definable non-lockout warning limits for crane operations, and CANbus sensors and hard-wired ATB circuit routed externally to the boom. Outrigger monitoring system (OMS) to sense the configuration of the outriggers and aid the operator in selecting an appropriate setup. On-board setup and diagnostics for RCL sensors allow for improved service and an event recorder to protect your investment.

## (1. Control System

Fully integrated RCL and CANbus crane control system for maximum performance. Real-time diagnostics for truck chassis data such as engine regeneration, fuel level, engine coolant, oil pressure, engine RPM and battery voltage. On-board setup and diagnostics for all sensors and control modules allowing for improved service and little need for a laptop or diagnostic cables. Fault codes to quickly identify service needs and event recorder to protect your investment.

## Operator cab and controls

Cab structure: rigid galvanealed steel structure, well insulated, offering optimum operator visibility and comfort. Equipped with tilting cab feature from horizontal to $+20^{\circ}$, tinted safety glass, fixed front window with windshield wiper and washer, sliding skylight window with windshield wiper, sliding left side glass door, sliding right side window for ventilation $\mathrm{w} /$ safety grille, tilting rear window for ventilation, four way adjustable, cushioned/heated seat and armrests with seat belt, diesel-fired warm-water heater with air ducts at operators feet, left side of cab and front dash - standard, hydraulic-powered air conditioner - standard, circulation fan, bubble level, adjustable sun visor, dome light, cup holder, fire
extinguisher, load chart binder with tear-proof paper load charts and operator manual.

Armrest control functions are arranged per ASME B30.5: Two single axis electric joystick controllers for swing, boom telescope, main hoist, auxiliary hoist (optional), boom lift, warning horn button, swing park brake switch, hoist rotation indicator, tilt cab up/down, main hoist high/low speed switch, and aux hoist high/low speed switch (optional).

Outrigger controls: front console mounted electronic keypad allowing the operator to activate all horizontal beams and vertical jacks. Pre-selection capabilities to easily activate more than one function for ease of setup.

Rigging remote: Standard wireless rigging remote stored and charged inside the crane cab which allows the operation of the main and (optional) aux hoist to stow and unstow the hookblocks at front bumper of truck chassis for transport or operation. If the crane is equipped with an optional single front outrigger (SFO), this remote allows for raising and lowering of this vertical outrigger.

Foot controls: engine throttle (electronic), dynamic swing brake (electronic), boom telescope (electronic, if equipped with aux hoist option).

Front console controls and indicators for rated capacity limiter display, outriggers, engine ignition key, emergency stop switch, and RCL override keyswitch (momentary). 12VDC power outlet.

Overhead console controls and indicators for heater, A/C and fan speed, windshield wiper and washer, skylight wiper, cab mounted work lights, crane function power, radio remote power.

## Removable counterweight

Hydraulically removable counterweight system consisting of (2) vertical double-acting hydraulic cylinders equipped with holding valves to independently raise and lower the desired counterweight slabs. Controls can be activated at both the left and right side of turret near the counterweight for ease of activation during counterweight pin reconfiguration. When not in use, one or all of the slabs can be stowed on top of the front outrigger box. One or all of the slabs can also be removed from the crane by using the crane itself after stowing on front outrigger box first.

## NBT50:

Counterweight consists of one slab for two unique load chart configurations:

- (1) slabs installed on turret: (1) x $1360 \mathrm{lb}(3000 \mathrm{lb})$
- (0) slabs installed on turret: no slabs installed


## Specifications

## NBT55:

Counterweight consists of (2) slabs for (3) unique load chart configurations:

- (2) slabs installed on turret: (2) $\times 1360 \mathrm{lb}(3000 \mathrm{lb})$
- (1) slabs installed on turret: (1) x $1360 \mathrm{lb}(3000 \mathrm{lb})$
- (0) slabs installed on turret: no slabs installed


## Slewing

Continuous $360^{\circ}$ rotation using (1) low speed, high torque motor with a manually adjustable swing adjustment valve integrated to the hydraulic motor control manifold mounted to a planetary reduction gear. A proportional electronic brake pedal located in the operator cab allows for the dynamic application of the multi-disk swing brake circuit. A separate spring-applied, hydraulic-released brake for disabling rotation can be activated from the left-hand seat armrest. Free-swing functionality is disabled when using the optional crane radio remote control.

## Hydraulic system

Efficient closed-center, load sense hydraulics system featuring flow-sharing technology allowing for smooth multifunction operation of all crane functions. One (1) SAE-C mounted, 130 cc axial piston pump for all functions and optimized system performance. Shaft input of 2200 RPM generating $288 \mathrm{lpm}(76 \mathrm{gpm})$ max flow at 310 bar ( 4500 psi ) max operating pressure. $143 \mathrm{gal}(541 \mathrm{~L})$ hydraulic reservoir with SAE o-ring connections and integrated butterfly shut-off valve for easy maintenance. SAE o-ring hydraulic fittings and hoses throughout. Boom lift, boom telescope, main and aux hoist(s) and vertical outrigger jacks are all equipped with counterbalance valves for controlled movement and load holding.

Hydraulic oil cooler: standard electric fan, plate and fin style oil cooler mounted in the rear of the superstructure to remove heat from the hydraulic oil under heavy operating conditions.

## Electrical system

Automotive grade, fully wire harnessed 12 VDC electrical system using state-of-the-art sealed connectors and control modules. Dual-tone backup and outrigger motion alarm located at rear of machine. LED marker and triple ID lights.

## Lower

## Chassis mounting

Torsion-resistant, high-strength steel sub frame attached using high-strength steel mounting brackets that are welded to the sub-frame and bolted to the truck chassis using Huck ${ }^{\circ}$ bolts to ensure a secure and maintenance-free connection. Rear bumper under ride protection standard. Fixed boom rest mounted to front outrigger box and fabricated from structural steel.

## Outriggers

Out and down style outriggers at both the front and rear with individual control of each horizontal beam extension and vertical jack cylinder. Each outrigger jack is equipped with a 500 m ( 19.7 in ) polymeric outrigger float standard. Horizontal beams are non-proportional and can be pinned in (4) different configurations for operation. Front outriggers are angled toward the truck cab, minimizing the need for an SFO. Ground level control stations located at the left and right side for all vertical jacks and only the horizontal beams for each station. Operator cab features an electronic keypad mounted on the front console to control all outrigger functions.
$\mathbf{1 0 0 \%}$ span: Front $=7,09 \mathrm{~m}(23 \mathrm{ft} 3 \mathrm{in})$

$$
\text { Rear }=7,39 \mathrm{~m}(24 \mathrm{ft} 3 \mathrm{in})
$$

$\mathbf{5 0 \%}$ span: Front $=4,72 \mathrm{~m}(15 \mathrm{ft} 6 \mathrm{in})$

$$
\text { Rear }=4,90 \mathrm{~m}(16 \mathrm{ft} 1 \mathrm{in})
$$

$\mathbf{0 \%}$ span: Front and Rear $=2,39 \mathrm{~m}(7 \mathrm{ft} 10 \mathrm{in})$
Outrigger monitoring system for horizontal beam extension is standard. Inverted cylinder rods for vertical outrigger jack cylinders for best protection of chromed rod. Optional single front outrigger (SFO) is available for heavy front axle mounting configurations.

## Specifications

## Optional items

- Operator aids
> Six-function wireless radio remote control of approximately 75 m ( 250 ft ) (NB6R)


## - Telescopic offsettable jib

$>7,9 \mathrm{~m}-13,7 \mathrm{~m}(26 \mathrm{ft}-45 \mathrm{ft})$ telescoping boom extension (side fold for stowing), includes $5,8 \mathrm{~m}(19 \mathrm{ft})$ manual pull out section
> Max tip height of $61,9 \mathrm{~m}(203 \mathrm{ft})$
$>$ Offsets of $0^{\circ}$ and $30^{\circ}$
> RCL calibration for future jib option

## - Auxiliary hoist

$>$ A second turret-mounted hoist located to the rear of the standard main hoist
> Standard with rotation-resistant wire rope and round, top-swivel downhaul weight

- Personnel handling platforms
> (2) person steel, non-insulated, platform options
> Rapid Attach Platform system available in both the rotating (R-RAP2) and yoke-style (Y-RAP2) options
> Capacities up to $544,3 \mathrm{~kg}(1200 \mathrm{lb})$ on main boom and $226,8 \mathrm{~kg}(500 \mathrm{lb})$ on jib
> Platform test weight sets available for each
> Compliant to ASME B30.23 requirements


## - Hook blocks

> Single sheave, 18,1 t (20 USt) quick-reeve hook block for 2-3 part reeving [186 kg (410 lb)]
> Triple sheave, 36,3 t (40 USt) quick-reeve hook block for 4-7 part reeving including auxiliary sheave case assembly (272 kg [600 lb])
> Five sheave, 49,9 t (55 USt) quick-reeve hook block for 8-10 part reeving including auxiliary sheave case assembly (498 kg [1098 lb])

## - Single Front Outrigger

> $63,5 \mathrm{~m}$ ( 25 in ) vertical stroke
> Available for certain mounting configurations

## - Aluminum outrigger floats

> $610 \mathrm{~mm}(24 \mathrm{in})$ aluminum floats in lieu of the standard 500 mm ( 19.7 in ) polymeric floats

## - Dual Axis Joysticks

> Electronic joysticks with capability for operator customization to their preferred speeds

## - Additional Ingress/Egress options

> Auxiliary access step located at the front passenger side of the decking for easy access to the crane decking

## Specifications

## NBT50 and NBT55 winch data

| - All winch pulls and speeds are shown on the fourth layer. <br> - Winch line pulls would increase on the first, second, and third layers. <br> - Winch line speed would decrease on the first, second, and third layers. <br> - Winch line pulls may be limited by the winch capacity or the ANSI 5 to 1 cable safety factor. |  |  | 1 part <br> line <br> max. <br> pull | 2 part line max. pull | 3 part line max. pull | 4 part line max. pull | 5 part line max. pull | 6 part line max. pull | 7 part line max. pull | 8 part <br> line <br> max. <br> pull | 9 part line max. pull | 10 part line max. pull |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Standard planetary winch | Cable supplied | Average breaking strength |  | 1 sheave |  | 3 sheave |  |  |  | 5 sheave |  |  |
| Low speed | 16 mm (5/8 in) diameter rotation resistant IWRC | $\begin{aligned} & 25583 \mathrm{~kg} \\ & (56,400 \mathrm{lb}) \end{aligned}$ | $\begin{gathered} 5103 \mathrm{~kg} \\ (11,250 \mathrm{lb}) \\ 58,2 \mathrm{~m} / \mathrm{min} \\ (911 \mathrm{fpm}) \end{gathered}$ | 10206 kg <br> (22,500 lb ) <br> $28,9 \mathrm{~m} / \mathrm{min}$ ( 95 fpm ) | 15309 kg (33,750 lb) <br> 14,2 m/min (63fpm) | $\begin{gathered} 20412 \mathrm{~kg} \\ (45,000 \mathrm{lb}) \\ 17,3 \mathrm{~m} / \mathrm{min} \\ (47 \mathrm{fpm}) \end{gathered}$ | $\begin{aligned} & 25515 \mathrm{~kg} \\ & (56,250 \mathrm{lb}) \\ & 11,6 \mathrm{~m} / \mathrm{min} \\ & (38 \mathrm{fpm}) \end{aligned}$ | 30618 kg ( $67,500 \mathrm{lb}$ ) <br> 9,4 m/min (31 fpm) | 35721 kg (78,750 lb) <br> 8,2 m/min (27 fpm) | 40824 kg (90,000 lb) <br> $7,0 \mathrm{~m} / \mathrm{min}$ <br> (23fpm) | 45359 kg $(100,000 \mathrm{lb})$ <br> (100,000 lb) <br> $6,4 \mathrm{~m} / \mathrm{min}$ (21 fpm) | $\begin{gathered} 48895 \mathrm{~kg} \\ (110,000 \mathrm{lb}) \\ 5,8 \mathrm{~m} / \mathrm{min} \\ (19 \mathrm{fm}) \end{gathered}$ |
| High speed | 16 mm (5/8 in) diameter rotation resistant IWRC | $\begin{aligned} & 25583 \mathrm{~kg} \\ & (56,400 \mathrm{lb}) \end{aligned}$ | $\begin{gathered} 2268 \mathrm{~kg} \\ (5000 \mathrm{lb}) \\ 116,7 \mathrm{~m} / \mathrm{min} \\ (383 \mathrm{fpm}) \end{gathered}$ | 4536 kg ( $10,000 \mathrm{lb}$ ) <br> 58,2 m/min (191 fpm) | 6804 kg ( $15,000 \mathrm{lb}$ ) <br> $38,7 \mathrm{~m} / \mathrm{min}$ (127 fpm) | $\begin{gathered} 9072 \mathrm{~kg} \\ (20,000 \mathrm{lb}) \\ 28,9 \mathrm{~m} / \mathrm{min} \\ (95 \mathrm{fpm}) \end{gathered}$ | $\begin{gathered} 11340 \mathrm{~kg} \\ (25,000 \mathrm{lb}) \\ 23,2 \mathrm{~m} / \mathrm{min} \\ (76 \mathrm{fpm}) \end{gathered}$ | 13608 kg (30,000 lb) <br> 19,2 m/min (63 fpm) | 15876 kg ( $35,000 \mathrm{lb}$ ) <br> 16,5 m/min ( 54 fpm ) | 18144 kg ( $40,000 \mathrm{lb}$ ) <br> 14,3 m/min ( 47 fpm) | $\begin{gathered} 20412 \mathrm{~kg} \\ (45,000 \mathrm{lb}) \\ 12,8 \mathrm{~m} / \mathrm{min} \\ (82 \mathrm{fm}) \end{gathered}$ | $\begin{aligned} & 22680 \mathrm{~kg} \\ & (50,000 \mathrm{lb}) \\ & 11,6 \mathrm{~m} / \mathrm{min} \\ & (38 \mathrm{fpm}) \end{aligned}$ |


| Winch | Fourth layer pull | Allowable cable pull |
| :---: | :---: | :---: |
| Standard planetary and auxiliary planetary | $2268 \mathrm{~kg}(5000 \mathrm{lb})$ high speed | $517 \mathrm{~kg}(11,280 \mathrm{lb})$ |
|  | $5117 \mathrm{~kg}(11,280 \mathrm{lb})$ low speed | $5117 \mathrm{~kg}(11,280 \mathrm{lb})$ |


|  | Loadline deduct |  |
| :---: | :---: | :---: |
|  | Aux boom nose | $36 \mathrm{~kg}(80 \mathrm{lb})$ |
| 7 USt | Downhaul weight | $78 \mathrm{~kg}(17 \mathrm{lb})$ |
| 20 USt | 1-sheave block | $181 \mathrm{~kg}(400 \mathrm{lb})$ |
| 40 USt | 3 -sheave block | $272 \mathrm{~kg}(500 \mathrm{lb})$ |
| 55 USt | 5-sheave block | $498 \mathrm{~kg}(1098 \mathrm{lb})$ |

## Symbols glossary



## Notes

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[^0]:    This document is non-contractual. Constant improvement and engineering progress make it necessary that we reserve the right to make specification, equipment, and price changes without notice. Illustrations shown may include optional equipment and accessories and may not include all standard equipment.

