

# 2022 BIK TC-92 KNUCKLE BOOM ARTICULATING CRANE



BIK Boom Trucks  
 BIK Sales Team: 888-557-2244  
 Last Updated: 24 Nov 2022  
 Price: **Inquire**  
 Location: **Milford, Massachusetts, United States**

Year: 2022  
 Capacity: 0.00  
 Condition: New

## BOOM DETAILS

New – BIK Tree-Care Series TC-92 –  
 40.5 ton/m Knuckle Boom

5 ext Knuckle Boom  
 w/Detachable 3 ext jib + 1-  
 grapple extn

## TRUCK DETAILS

New – Freightliner M2-106 3-axle Day Cab  
 Truck: 60,000 lb GVWR

**CUMMINS Diesel – 350 HP**  
**Allison Automatic Trans.**

**Including (1) Grapple extension  
in jib**

**Boom Capacity of 2,000 lbs @  
92' Vertical Reach**

**Main Boom Horizontal Capacity:**

21,000 lbs @ 14'

10,900 lbs @ 25' 8"

6,800 lbs @ 38' 8"

4,830 lbs @ 53' 6"

**Jib Horizontal Capacity:**

2,100 lbs @ 63'

1,850 lbs @ 75' 4"

1,700 lbs @ 82'

Grapple man extn to 86'

**"Power-Link" connecting rods** at  
First Boom and Knuckle, Double  
pilot operated on slewing and  
pilot check valves on all cylinders

**Planetary Gear Rotation Motor  
& Continuous Boom Rotation** –  
for maximized slewing torque and  
reliability

**15 Degree negative angle** on  
main knuckle, **20 degree  
negative angle** on jib

**6 Total Fully Hydraulic  
Stabilizers** – Hyd *Extra Wide  
Main outriggers* at base – **25' 7"**  
**total span, – Dual Rear up/down**  
bumper mounted

**Front Aux Stabilizers** – Extra  
wide type – **21' span**, hyd out &

40,000 LB fronts with 425 /  
65R22.5 tires on Aluminum Rims

40,000 LB Rears on Tuftrac  
suspension with 11R22.5 tires on  
Aluminum outer rims

230" wheel base

Double Frame with integral front  
bumper frame extension (for  
front stabilizer)

Chrome single polished Exhaust  
pipe side of cab

Chromed Grille & Bumper

Single 80 gallon alum fuel tank

**Options Include:** A/C,  
Tilt/Telescopic steering, AM/FM  
radio with Bluetooth, pwr  
windows & locks, air high back  
driver's seat, cruise, heated  
mirrors, inter-axle and diff lock-  
ups, Cab White, Air ride cab, full  
differential locks, exterior sun  
visor, etc...

Options Included:

(6) pcs – 2" PVC stab pads  
w/holders

(3) pcs Custom Alum storage  
boxes

Custom re-enforced manual extn  
for grapple,

Mat rack mounted back of cab: 8'  
1" wide x 50" tall x 13" deep (not  
including mat's)

down type

***Tested and Certified for 100% load chart stability 360 degrees***

***Two Hydraulic Oil Coolers***, high pressure return filter and 100 gal custom hydraulic oil tank with **Enviro-Friendly AW-46** weight Hyd Oil

**Mecanil SG-160 or 220 Grapple Saw** – Attached to end of a custom/re-enforced jib boom extension with quick one-piece disconnects

**Removable Boom and Grapple Stow on top of deck** – Carry & stow boom folded over deck with Grapplesaw attached

New Mecanil SG-160or 220 Grapple saw with spare parts  
2 to 3 day on site boom feature/function familiarization by a BIK tech

**DECK DETAILS**

New – 13’ x 102” Steel Checker plate Flat Deck

Checker plate steel deck surface  
66” head board, sliding winch straps  
Rub rail & pockets on side  
Dual sided access ladders  
Primed & painted gloss black  
16” Mat Rack Attached back of cab (ahead of head board).

This crane was ported by

**DANFOSS Proportional Control Valve at Top Seat**  
**& SCANRECO Proportional Radio Remote Control** w/2

batteries, charger & back up cord



**BIK BOOM TRUCKS**

www.bikboomtrucks.com  
Contact: **BIK Sales Team, Sales Department**  
Phone: 888-557-2244

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