

## 2022 BIK TC-98 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-98 –  
 54.5 ton/m Knuckle Boom**

6 ext Knuckle Boom  
 w/Detachable 3 ext jib + 1-

### DECK DETAILS

**New – 16' long x 96" Aluminum Dump  
 Body**

6' solid steel sides  
 Smooth steel floor

grapple extn **Including (1)**

**Grapple extension in jib,**

**Boom Capacity of 2,230 lbs @  
98' 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 main extension 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 –

Hyd **Extra Wide Main**  
**outriggers** at base – **25' 7" total**  
**span**

**Auxiliary Stabilizers** – Extra wide  
type – **21' span**, hyd out & down  
type at rear – **Front Bumper Hyd**

Steel 6' rear barn doors

Sliding latch

Nordic Scissor lift hydraulic dump  
system under body mounted that  
has manual ground level controls

Attached ladders on both sides

**Stabilizer – 100% stability 360  
degrees**

**Two Hydraulic Oil Coolers, High Pressure**

pressure return filter and 100 gal  
New – Freightliner 108SD 4-axle Day Cab Truck: 69,000 lb GVWR  
custom hydraulic oil tank

with **Enviro-Friendly AW-46 CUMMINS Diesel**

weight Hyd Oil **380 HP – Allison Automatic Trans.**

**Tandem 20,000 lb / split** with 425 / 65R22.5 tires on Aluminum Rims

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

optimum speed for  
9,000 lb self steer tag axle behind t/a with 17.5” tires/alum rims

simultaneous multi function use

166” wheel base

**DANFOSS Proportional Control**

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

Valve at Top Seat

Chrome single polished Exhaust pipe side of cab

**SCANRECO Proportional Radio**

Chromed Grille & Bumper, single 80 gallon alum fuel tank, A/C, Tilt/Telescopic

Remote Control w/2 batteries,  
charger

steering, AM/FM radio with Bluetooth, power windows & locks, air high back driver's

seat, cruise, heated mirrors, inter-axle and diff lock-ups, Cab White, Air ride cab, full  
Engineer Stability load tested and

certified differential locks, exterior sun visor, etc...

Also Included Are:

**Warranty: 1-Yr. part & labour on entire**

**boom, 3-Yr. on Structural Components** (5) 2” PVC stab pads w/holders

(2) pc Alum storage boxes installed

Custom re-enforced manual extn for grapple,

New Mecanil SG-280 Grapple saw with spare parts

2 to 3 day on site boom feature/function familiarization by a BIK tech

Options at Extra Cost:

Additional grapple saw – Mecanil SG 160 Grapple saw with spare parts kit and holder  
on deck

**Front Wheel Drive conversion** – to be able to have 6-wheel drive for off-road use

Draw plate at rear of truck frame with Heavy Duty air pintle hook and Reese receiver  
w/brake actuator (dual hitches)

Aluminum single man self-levelling basket

Mat rack behind the cab or mounted on top of deck at rear a

**TC-104 – 104’ Vert Reach Version – with Mecanil SG-220 (instead of SG-280)**

This crane was posted by:



## BIK BOOM TRUCKS

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