

## 2022 BIK FC-81 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 “Form-Crane” Series FC-81**  
**51.5 ton/m Folding Hyd 4 ext**  
**Knuckle Boom with Detachable**  
**6 ext jib – 81’ Horizontal Reach**

### DECK DETAILS

**New – 24’ x 102” Steel Checker plate –**  
**LOW PROFILE: to accommodate up to**  
**9’2” tall Form Cages**  
  
 Installed on pre-engineered 6”  
 main sill sub frame & extension

**Main Boom Horizontal**

**Capacity: 22,600 lb @ 14',  
18,880 lb @ 19' 6", 11,970 lb @  
25' , 9,500 lb @ 30', 7,810 lb @  
38' 5"**

**Jib Horizontal Capacity: 3,850 lb  
@ 48', 3,310 lb @ 52', 3,030  
lb @ 59', 2,540 lb @ 64', 2,000 lb  
@ 76', 1,800 lb @ 81'**

**PM *Power-Link* connections at  
Main, Knuckle & Jib Cylinders,**

**Powerful Planetary Gear Drive –  
Continuous Boom Rotation** that  
can operate at severe angles  
without any electronic limitation

Double pilot operated on slewing  
and pilot operated check valves  
on all cylinders

***Extra Wide Main outriggers* at  
pedestal, double beam – hyd out  
& down 26' 3" span, – Front  
Xtra Wide 21' Span Aux  
Stabilizers**

*Hydraulic Oil Cooler*, high  
pressure return filter and  
min. 100 –gallon hyd aluminum  
oil tank with gate valves mounted  
at front under deck

**Simplified Hydraulics – Hydraulic  
overload LLD protection and  
load holding valve – Offers  
Simplicity, Reliability**

with X-braces for Torsional  
support tied to truck frame by  
sheer plating at front, center and  
rear

Aluminum deck surface, 60" +  
headboard, **Center Divider**

4-vertical mounted winch straps  
mounted ahead of headboard to  
wrap around cages for transport

6 – under deck sliding tie-down  
winch straps on passenger side

Winch bar holder and winch bar,  
dual ladder access, reflectors and  
side lights as required by DOT  
standards.

**TRUCK DETAILS**

New – Kenworth T880 5-axle Diesel Truck: 87,000 lb GVWR

Paccar Diesel – **505 hp** , 1,850 ft/lb torque

Truck cab white, Eaton Ultrashift Plus Automated  
18spd Trans.

20,000 lb fronts with 425/65R22.5 Front  
Floatation tires on Alum rims

13,000 lb self steer lift axle Installed ahead of t/a  
with low profile 22.5" tires/alum rims

46,000 LB Rears on Hendrickson Primax Air-Ride  
Suspension with 11R22.5 tires on alum outer  
rim

8,000 lb self steer "High-Lift" type lift axle  
mounted behind t/a with low profile 17"  
tires/alum rims, 1302" wheel base  
double frame chassis, 54" spread at tandems

**Top Seat Controls** – with access **Truck features Include:** Two Stage Engine Brake, Air Console, AM/FM Stereo, Bluetooth, cruise, tilt/tele steer column, power windows, power door locks, power mirrors, heated mirrors, chrome hood mtd m

**SCANREC Radio remote** with back up corded remote

Also Included:

***Warranty: 1-Yr. part & labour on entire boom, 3-Yr. on Structural***

(1) 48” Aluminum Storage Box under deck  
(4) pcs of DVC Stabilizer pads with holders  
**Components by PM** – 24/7

CraneTech Support by BIK Primary stabilizers, Double beam type 23’ spread

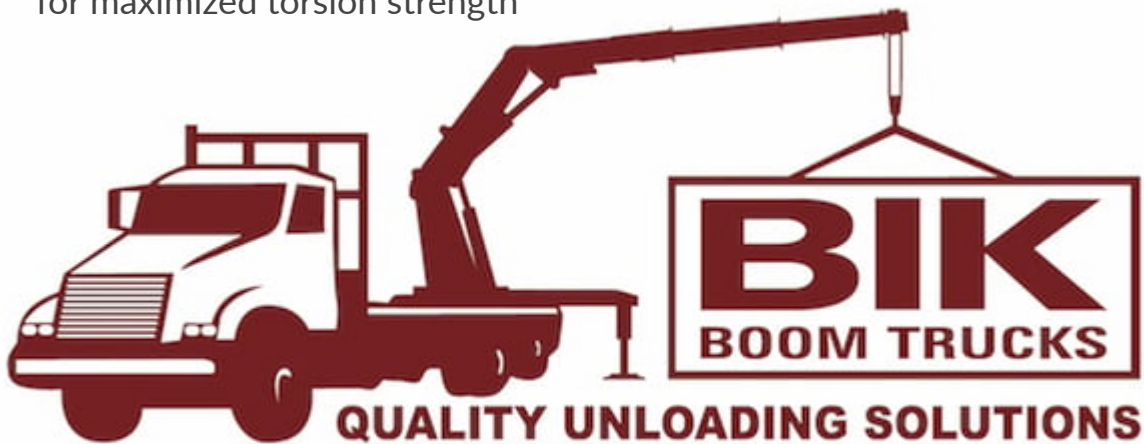
Installed at rear, with **1 1/4” Draw** plate at rear of truck frame

This crane was posted by:

sub-frame, 3/8” front and center,

sheer plating mount of sub base

for maximized torsion strength



## BIK BOOM TRUCKS

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