

# NBT40-2 SERIES

**NATIONAL  
CRANE**<sup>®</sup>  
by **Manitowoc**

**Capacity:** 40 & 45 ton rating

**Boom:** 127 & 142 ft five-section boom

**Max tip height main boom:** 150 ft

**Optional 31 ft - 55 ft telescoping jib:** 204 ft maximum tip height

**INCREASED CAPACITY  
AND FEATURES,  
SAME WEIGHT**



**FIELD PROVEN DESIGN WITH MODERN CONTROLS AND FEATURES:** Building on a proven legacy, the NBT40-2 Series modernizes the 40 and 45 ton National Crane boom trucks with even more lifting capacity and operator centric features!

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THE REVOLUTION IS  
**REAL**  
MANITOWOC CRANES



# NBT40-2 SERIES

## Benefits

- Optimized boom and superstructure redesigned to create a strong, reliable boom truck with excellent reach, perfect for any job
- Simple to use color, graphical RCL display and integrated control system complete with truck and crane system monitoring; allows for troubleshooting without a laptop
- Operator centric features include a standard 20° tilt cab with heated seat, standard AM/FM/Bluetooth radio with speakers and front bumper mounted controls for the SFO, main and auxiliary hoist
- State of the art features electric over hydraulic joystick controls available in both single axis and dual axis configurations; joystick function speeds are easily adjusted to suit each operator's preference
- Monitor hydraulic pressure and temperature realtime via the crane display; easy access hydraulic components and CAN network hub for additional troubleshooting ability

## Rated Capacity Limiting (RCL) and integrated crane controls & diagnostics

- Real-time color display of boom angle, length, radius, tip height, maximum permissible load, load indication and warning of impending overload condition
- Work Area Definition System (WADS) for operator definable non-lockout warning limits as standard system available
- Real-time J1939 truck diagnostic and monitoring such as engine regen status, fuel level, oil pressure, battery voltage and more
- Onboard diagnostic system allows for crane error code reporting to pinpoint the exact troublespot without the need of a laptop. Use the Manitowoc Diagnostic App to troubleshoot right from your smart phone

## **NTC** Performance Package

Compete for more jobs with the 20 ft "truck crane" outrigger span, allowing operators to get into tighter jobsites with added capacity versus a 50% mid-span chart

- Provides ultimate jobsite versatility with four outrigger spans

### Package also includes:

- Two-camera system for hoist and rear viewing for increased jobsite visibility
- Integrated wireless windspeed indicator to monitor speeds from crane cab display
- Wireless outrigger controls to walk around crane while deploying outriggers for fast, efficient setup

## Options

- Wireless radio remote controls for crane and outrigger functions
- Two-camera system for hoist and rear view visibility enhancements
- Integrated wireless windspeed indication
- Extended length torsion box to eliminate the need of an SFO
- Rapid Attach Platforms with yoke or rotating arm for quick field installation
- Hydraulic hose reel/tool circuit option and platform mounted pressure intensifier



## Truck Mod Center™

### Exclusive truck customization center

- Custom weight study and truck specification review for optimized machine configuration
- Steel and aluminum tool boxes
- Outrigger cribbing mats and storages
- Adjustable height pintle hitch integrated into rear of machine with air and electrical hookup
- Backup cameras integrated into truck cab



## Lift Solutions™

- Wireless A2B system

