

AUTOMOTIVE VEHICLE LIFT SYSTEMS



MCLN166



MOBILE, SPACE SAVING DESIGN.  
**HEAVY-DUTY LIFTING.**

Ability to lift heavy-duty vehicles anywhere, anytime.

INTRODUCING THE **MOBILE COLUMN LIFT SYSTEM**

**JohnBean**

# THE MOBILE COLUMN HEAVY-DUTY POWERFUL. COMPACT. VERSATILE.

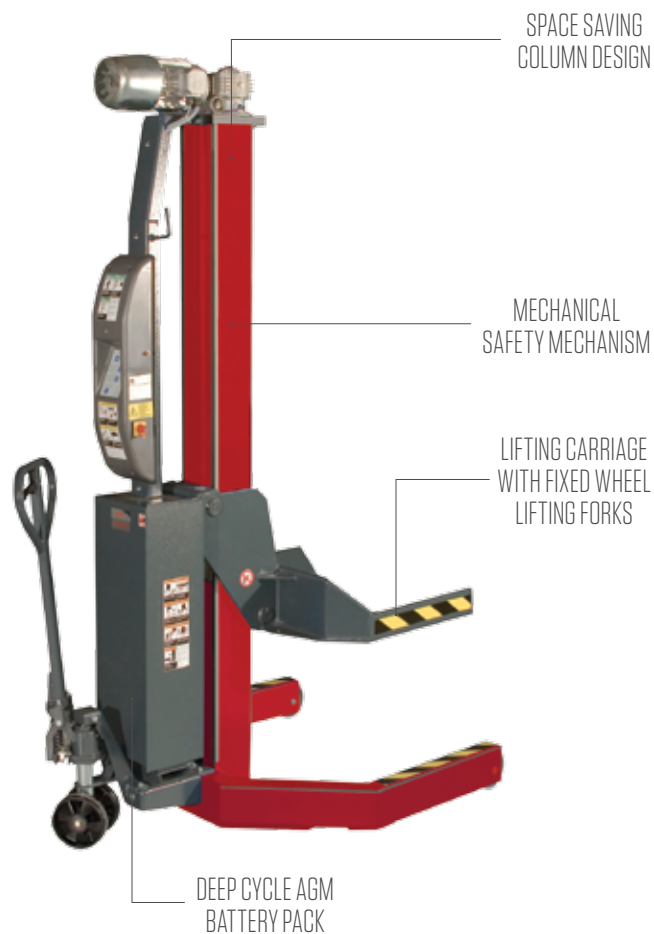
## WIRED MODEL

SINGLE COLUMN SHOWN OF 2, 4 OR 6 COLUMN  
WIRED SYSTEM



## WIRELESS BATTERY MODEL

SINGLE COLUMN SHOWN OF 2, 4 OR 6 COLUMN  
WIRELESS BATTERY SYSTEM



# HEAVY DUTY LIFT SYSTEM. VERSATILE.

## MOBILE COLUMN LIFTS PROVIDE THE TECHNICIAN WITH VERSATILE HEAVY-DUTY LIFTING CAPABILITIES

The heavy-duty mobile column lift system from John Bean® has been designed to be easy to operate and able to perform under the extreme demands required by today's heavy-duty vehicles, making it the ideal lift system for transport fleets, schools, government and military applications. Mobile column lifts are available in both wired and wireless configurations, offering optimal support in any environment.

## KEY FEATURES

### RE-CIRCULATING BALL SCREW

- Operates at a constant speed when lifting and lowering
- Maintains natural unison between columns
- Operates with over 90% efficiency
- Minimizes power requirements
- Environmentally friendly
- Overall column height remains constant through travel range

### UNPARALLELED SAFETY

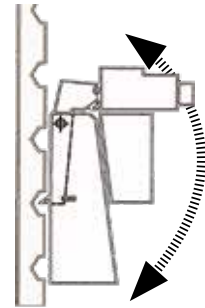
- Meets the highest safety standard for automotive lifts, ANSI/ALI ALCTV current edition
- Mechanical safety auto engaging, independent of the lifting mechanism, engages directly with the column, prevents lowering during the unlikely event of a system failure

### ADDITIONAL FEATURES

- Electronic self diagnostics
- Standard leveling control
- Automatic synchronization
- Lifting carriage with fixed wheel lifting forks
- Space-saving column design
- Compact, lightweight column design allows for easy placement and storage
- Quick connect interlink cables for standard systems
- Battery systems include power supply for charging
- Processor controlled synchronizing
- Load holding in each column
- Can be used indoors or outdoors on any secure, flat surface
- Low maintenance
- Available in a variety of models and capacities



Re-Circulating Ball Screw



Mechanical Safety Mechanism



Wireless MCL Control Panel



Column Construction, One Piece Beam with Machine Safety Lock Location

# OPTIONAL ACCESSORIES

- Mobile Support Stand - 16,000 and 18,000 lbs Capacity
- Fork Reduction Sleeves - One Pair Per Column
- Light Vehicle Adapter
- Cart for Light Vehicle Adapter
- Extension Kit for Light Vehicle Adapter
- Cross Beam (36,000 lbs Capacity)
- Additional Main Control Box\*
- Additional Dummy Plug for Paired Column Operation\*



## ADDITIONAL MODELS AND ACCESSORIES ARE AVAILABLE

Please speak with your John Bean® representative for more details.



\*Optional Accessory for Standard Systems Only

### LIFT SPECIFICATIONS†

	16K MCL Standard MCLN164 / MCLN166	18k MCL Standard MCL184 / MCL186	16k MCL Wireless MCLNWRL164 / MCLNWRL166	18k MCL Wireless MCLNWRL184 / MCLNWRL186
• Lifting Capacity Per Column:	16,000 lbs	18,000 lbs	16,000 lbs	18,000 lbs
• Number of Columns:	4 / 6	4 / 6	4 / 6	4 / 6
• System Capacity:	64,000 / 96,000	72,000 / 108,000	64,000 / 96,000	72,000 / 108,000
• Height:	97.64"	97.64"	97.64"	97.64"
• Maximum Lifting Height:	69"	69"	69"	69"
• Length of Standard Fork:	16"	12.5"	16"	12.5"
• Total Base Width:	45"	45"	45"	45"
• Base Width:	46.02"	46"	46.02"	46"
• Standard Carriage:	15.5" - 31"	15.5" - 31"	15.5" - 31"	15.5" - 31"
• Tire Diameter (*EW Models):	up to 54"	(*na)	up to 54"	(*na)
• Motor:	2.0 HP	2.0 HP	2.0 HP	2.0 HP
• Power Requirements:	208-230V / 440-448V 3Ph		Deep Cycle Batteries with 120VAC 60Hz 1Ph for Recharge	
• Weight Per Column:	1,042 lbs	1,033 lbs	1,250 lbs	1,241 lbs

†Additional 12K and 15K capacity per column models available

For more information regarding the **Mobile Column Lifts**  
call **800.362.4618 (US)** or **800.362.4608 (Canada)**  
**www.johnbean.com / www.johnbean.ca**

# JohnBean®

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