

MOBILE COLUMN LIFT

Heavy-duty Lifting in a
Space-Saving Design



The Mobile Column Lift System provides the technician the ability to lift heavy-duty vehicles anywhere, anytime.

JohnBean

MOBILE COLUMN LIFTS PROVIDE THE TECHNICIAN WITH HEAVY-DUTY LIFTING



MCLNWRL162

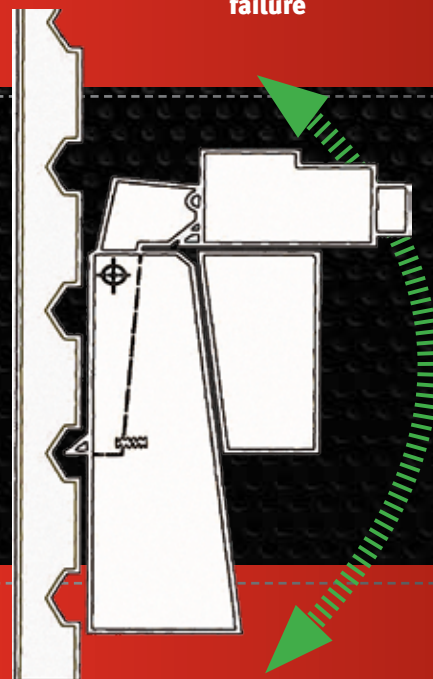
* Shown with optional Light
Vehicle Adapters (MCLLVA9MW)

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 throughout travel range

UNPARALLELED SAFETY

- Meets the highest 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 unlikely event of a system failure



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 for any environment.



FEATURES

- Electronic self diagnostics
- Standard leveling control
- Re-circulating ball screw
- Automatic synchronization
- High safety, independent, single point locking mechanism
- Lifting carriage with fixed wheel lifting forks
- Virtually maintenance free
- Space-saving column design
- New low weight design for easy handling
- Quick connect interlink cables for standard systems
- Battery systems include power supply for charging
- Processor controlled synchronizing
- Load holding in each column



MCLWRL184

* Shown with high support stand(s) MCLAB1816

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PRODUCT FEATURES & SPECIFICATIONS

SPECIFICATIONS†

	MCL Standard MCLN164 / MCLN166	MCL Standard MCL184 / MCL186	MCL Wireless Battery MCLNWRL164 / MCLNWRL166	MCL Wireless Battery MCLWRL184 / MCLWRL186
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
Lifting speed	113 sec	113 sec	165 raise / 117 lower sec	165 raise / 117 lower sec
Column height	98"	98"	98"	98"
Column width	45"	45"	45"	45"
Column depth	46"	46"	56.5"	56.5"
Lowered wheel fork height	6"	6"	6"	6"
Height of lifting fork	69"	69"	69"	69"
Width of lifting fork	32.28"	31.5"	32.28"	31.5"
Length of fork	16"	12.2"	16"	12.2"
Motor	2.4 hp	2.4 hp	2.0 hp	2.0 hp
Power requirements	208-230V / 440-480V	208-230V / 440-480V	120VAC for Recharge	120VAC for Recharge
Shipping weight per column	985 lbs	1040 lbs	1220 lbs	1250 lbs

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

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 (32,000 lbs or 36,000 lbs capacity)**
- **Additional main control box***
- **Additional dummy plug for paired column operation***

* Optional accessory for Standard Systems only

ADDITIONAL MODELS AND ACCESSORIES ARE AVAILABLE

Please speak with your John Bean representative for more details.

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For more information regarding
Mobile Column Lift Systems by John Bean
Call 800.362.4618 (US) or 800.362.4608 (Canada)

www.johnbean.com

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