



MCL WIRELESS SERIES

CERTIFIED FREEDOM

WIRELESS MOBILE COLUMN LIFTING SYSTEMS

MAHA USA's Wireless MCL is the only wireless lift powered by ball-screw technology in North America.

WHY OUR MCL RISES ABOVE THE COMPETITION

1 Cable Free and Reliable: Wireless Communication
 With configurations using up to eight lifts, the wireless MCL networks to create a lifting platform for vehicles weighing up to 144,000 lbs. in a matter of minutes. Each column features a user-friendly LED control panel with the ability to communicate on up to 10 different frequency channels, allowing operation of multiple sets in the same area. Unlike other wireless systems, our dependable channel hopping feature eliminates interference issues caused by other radio systems.

2 The Nation's ONLY Wireless Ball-Screw Lift
 The **ONLY** wireless mobile column lift in North America that uses a low friction recirculating ball-screw for precise control when lifting and lowering. The ball-screw mechanism requires little maintenance, is lightweight and does not leak like hydraulic systems may.

3 Boost Productivity and Technician Safety
 Increase productivity with a flexible system which creates a more open, productive and accessible work space. The slim design of the "I-Beam" column provides improved access around the lift, which increases inspection and repair accuracy. Technicians can effortlessly move lifts around the workshop, increasing turnaround time and productivity.

In addition to meeting all requirements for certification, each column is equipped with redundant safety systems, giving users an added measure of security at all times.



Capacity Options:
12,000 lbs.
Per Column
15,000 lbs.
Per Column
16,000 lbs.
Per Column
18,000 lbs.
Per Column

RE-CIRCULATING BALL- SCREW TECHNOLOGY
 Ball-screw technology promises trouble-free, energy efficient and precise operation throughout the life of the lift.

Comes with 5 years warranty!

Technical Data	MCL 12 WRL	MCL 15 WRL	MCL 16 WRL	MCL 18 WRL
Capacity	12,000 lbs. per column	15,000 lbs. per column	16,000 lbs. per column	18,000 lbs. per column
Height	97.64"	97.64"	97.64"	97.64"
Maximum Lifting Height	69"	69"	69"	69"
Length of Standard Fork	16"	20"	16"	12.5"
Power Supply for Charger	110V 60Hz Single Phase	110V 60Hz Single Phase	110V 60Hz Single Phase	110V 60Hz Single Phase
Full Cycles at 100% Capacity	25 Strokes	25 Strokes	25 Strokes	25 Strokes
Full Cycles at 50% Capacity	45 Strokes	45 Strokes	45 Strokes	45 Strokes
Complete Charging Cycle	8 hours	8 hours	8 hours	8 hours
Tire Diameter (Extra Wide Carriage)	up to 79"	n/a	up to 54"	n/a
Motor Power	2 HP	2 HP	2 HP	2 HP
Approx. Dry Weight	1250 lbs.	1292 lbs.	1250 lbs.	1241 lbs.
Carriage Options	MCL 12 WRL	MCL 15 WRL	MCL 16 WRL	MCL 18 WRL
Standard	32.28" (16" Fork Length)	31.5" (20" Fork Length)	32.28" (16" Fork Length)	31.5" (12.5" Fork Length)
Wide Body	35.43" (16" Fork Length)	35.43" (20" Fork Length)	35.43" (16" Fork Length)	35.43" (12.5" Fork Length)
Extra Wide Body	n/a	n/a	36.61" (16" Fork Length)	n/a
Universal	n/a	n/a	31.3" (12" Fork Length)	31.3" (12" Fork Length)
Extra Wide Universal	48.23" (20" Fork Length)	n/a	n/a	n/a



Made in the USA

MCL FEATURES & ADVANTAGES

ACCELERATE MAINTENANCE

Lift more vehicles with just one charge due to our 48 volt system, the only of its kind. This allows a longer battery life, resulting in the **highest number of lifting cycles in the industry.**

"I-BEAM" SUPPORT COLUMN

The only true "I-Beam" on the market.

This strong, solid steel structure guarantees no welding seams, therefore increasing rigidity by eliminating weak points and the risk of mechanical failure.

FLEXIBLE OPERATING OPTIONS

- Controls are simple and no master column is needed, giving users the flexibility to operate up to eight columns, from any column.
- Digital narrow-band channel filtering
- Automatic synchronization keeps lifts safe and level

NO INTERFERENCE PROBLEMS

A user-friendly LED control panel is located on each column with the ability to communicate on up to 10 different frequency channels. Our unique channel hopping feature eliminates interference from other radio systems.

UNPARALLELED SAFETY

In addition to meeting all requirements for certification, we include multiple levels of safety, ensuring our users an added measure of protection

LONG LASTING BATTERIES

Each column uses four heavy duty deep cycle batteries that easily charge with a standard 110V connection.



OPTIONAL LIFTING CARRIAGES

Extended width and lengths are available to accommodate specific lifting needs.

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