



## WIRELESS MOBILE COLUMN LIFT

MODEL: MCL WRL

**The ONLY Wireless Mobile Column Lift powered by a low friction re-circulating Ball-Screw for precise control and ultimate efficiency.**

- ◆ Wirelessly communicates with up to eight columns, creating a lifting system for vehicles weighing up to 144,000 lbs
- ◆ Each column can communicate on 10 different frequency channels, allowing operation of multiple sets in the same area
- ◆ A dependable channel hopping feature eliminates interference caused by other radio systems
- ◆ The ball-screw mechanism requires little maintenance, is lightweight and does not leak like hydraulic systems may
- ◆ The slim design of MAHA's I-Beam column provides improved access around the lift
- ◆ Meets and exceeds all requirements for safety certification



# FEATURES

Wireless Mobile Column Lift, Model: MCL WRL



### Ball-Screw Technology

1. Promises minimal mechanical wear, less maintenance, consistent performance and does not leak like hydraulic systems may.
2. Trusted in high-precision market segments and proven to be the most reliable for high mechanical efficiency.
3. The ball-screw is splash-proof and dirt repellent, resulting in a longer service life and is virtually maintenance free.
4. MAHA offers a 5 year warranty!



### Flexible Operating Options

1. Controls are simple. No master column is needed, giving users the flexibility to operate the system from any column.
2. Digital narrow-band channel filtering
3. Automatic synchronization keeps lifts safe and level



### Long Battery Life

1. A 24 volt system allows users to lift more vehicles with just one charge.
2. A longer battery life promises the highest number of lifting cycles in the industry.
3. Each column uses four heavy-duty deep cycle batteries that easily charge with a standard 110V connection.



### Redundant Safety System

A backup safety system protects critical functions and users.

1. Primary System  
Raised vehicles are held in place by heavy duty industrial brakes that set automatically when power is released.
2. Redundant System  
Wedge locks prevent the lifts from lowering in the unlikely event of a primary system failure. The locks are independent of the lifting mechanisms, and engage directly with the columns. Their stand-by role keeps them in like-new condition throughout the life of the lift.



### I-Beam Support Column

1. The only true I-Beam on the market. The strong, solid steel structure guarantees no welding seams, therefore increasing rigidity by eliminating weak points and the risk of mechanical failure.
2. Increases productivity with a flexible system designed to create a more open, productive and accessible work space.
3. Technicians can easily move and reposition each column, increasing turnaround time and productivity.

# TECHNICAL DATA

## MCL 12 WRL

Lifting Capacity	12,000 lbs per column
Height	97.64"
Maximum Lifting Height	69"
Length of Standard Fork	16"
Power Supply for Charger	110V 60 HZ Single Phase
Full Cycles at Full Capacity	25 strokes
Full Cycles at 50% Capacity	45 strokes
Complete Charging Cycle	8 hours
Tire Diameter (Extra Wide Carriage)	up to 79"
Standard Carriage Adjustment Range	15.5" to 31"
Motor Power	2 HP
Approx. Dry Weight	1,250 lbs

## MCL 15 WRL

Lifting Capacity	15,000 lbs per column
Height	97.64"
Maximum Lifting Height	69"
Length of Standard Fork	20"
Power Supply for Charger	110V 60 HZ Single Phase
Full Cycles at Full Capacity	25 strokes
Full Cycles at 50% Capacity	45 strokes
Complete Charging Cycle	8 hours
Tire Diameter (Extra Wide Carriage)	n/z
Standard Carriage Adjustment Range	15.5" to 31"
Motor Power	2 HP
Approx. Dry Weight	1,292 lbs

## MCL 16 WRL

Lifting Capacity	16,000 lbs per column
Height	97.64"
Maximum Lifting Height	69"
Length of Standard Fork	16"
Power Supply for Charger	110V 60 HZ Single Phase
Full Cycles at Full Capacity	25 strokes
Full Cycles at 50% Capacity	45 strokes
Complete Charging Cycle	8 hours
Tire Diameter (Extra Wide Carriage)	up to 54"
Standard Carriage Adjustment Range	15.5" to 31"
Motor Power	2 HP
Approx. Dry Weight	1,250 lbs

## MCL 18 WRL

Lifting Capacity	18,000 lbs per column
Height	97.64"
Maximum Lifting Height	69"
Length of Standard Fork	12.5"
Power Supply for Charger	110V 60 HZ Single Phase
Full Cycles at Full Capacity	25 strokes
Full Cycles at 50% Capacity	45 strokes
Complete Charging Cycle	8 hours
Tire Diameter (Extra Wide Carriage)	n/a
Standard Carriage Adjustment Range	15.5" to 31"
Motor Power	2 HP
Approx. Dry Weight	1,241 lbs

### CARRIAGE OPTIONS

## MCL 12 WRL

Standard Carriage	32.28" (16" fork length)
Wide Body Carriage	35.43" (16" fork length)
Extra Wide Body Carriage	n/a
Universal Carriage	n/a
Extra Wide Universal Carriage	48.23" (20" fork length)

## MCL 15 WRL

Standard Carriage	31.5" (20" fork length)
Wide Body Carriage	35.43" (20" fork length)
Extra Wide Body Carriage	n/a
Universal Carriage	n/a
Extra Wide Universal Carriage	n/a

## MCL 16 WRL

Standard Carriage	32.28" (16" fork length)
Wide Body Carriage	35.43" (16" fork length)
Extra Wide Body Carriage	36.61" (16" fork length)
Universal Carriage	31.3" (12" fork length)
Extra Wide Universal Carriage	n/a

## MCL 18 WRL

Standard Carriage	31.5" (12.5" fork length)
Wide Body Carriage	35.43" (12.5" fork length)
Extra Wide Body Carriage	n/a
Universal Carriage	31.3" (12" fork length)
Extra Wide Universal Carriage	n/a

## GLOBAL PLAYER

... in more than 150 countries worldwide

### Subsidiaries

- |           |         |             |              |
|-----------|---------|-------------|--------------|
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Notice: Subject to change without notice! The illustrations also show options which are not standard equipment.