



MOBILE COLUMN LIFT MODEL: MCL

Powered by a low friction re-circulating Ball-Screw for precise control and ultimate efficiency.

- ◆ Each column holds up to 18,000 lbs, giving the option to easily lift as much as 144,000 lbs.
- ◆ Can be configured as a set of 2, 4, 6 or 8 columns with the freedom to operate each column independently, in select groups or collectively.
- ◆ 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.





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!



Simple to Operate

- LED display with auto diagnostics makes the MCL simple to operate. No master column is needed, with three operation modes. Built-in automatic synchronization feature keeps columns level and secure at all times.
- 3 separate modes of operation:
1. Auto: columns work in unison
 2. Single: Operate one column at a time
 3. Group: Operate any number of columns together
- Waterproof controls allow outdoor and wash bay use



Energy Efficient

Powered by 230V 3-phase, our MCL has a low power consumption. The breaker size is only 30 Amps for a set of four columns. At 480V, only 20 Amps are required for a set of 4 lifts.



Backup Safety Systems

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.
3. User-defined emergency stop button
4. Manual emergency lowering controls
5. Automatic shut-off if lift comes into contact with an obstacle.



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

Lifting Capacity	12,000 lbs per column
Height	97.64"
Maximum Lifting Height	69"
Length of Standard Fork	16"
Base Length	46.02" (47.99" Extra Wide Universal Carriage)
Total Base Width	45" (58" Extra Wide Universal Carriage)
Tire Diameter (Extra Wide Carriage)	up to 79"
Standard Carriage Adjustment Range	15.5" to 31"
Motor Power	2 HP, 208/230V or 440/480V, 3 Phase, 60 HZ
Approx. Dry Weight	1,042 lbs

MCL 15

Lifting Capacity	15,000 lbs per column
Height	97.64"
Maximum Lifting Height	69"
Length of Standard Fork	20"
Base Length	49.96"
Total Base Width	45"
Tire Diameter (Extra Wide Carriage)	n/a
Standard Carriage Adjustment Range	15.5" to 31"
Motor Power	2 HP, 208/230V or 440/480V, 3 Phase, 60 HZ
Approx. Dry Weight	1,033 lbs

MCL 16

Lifting Capacity	16,000 lbs per column
Height	97.64"
Maximum Lifting Height	69"
Length of Standard Fork	16"
Base Length	46.02"
Total Base Width	45"
Tire Diameter (Extra Wide Carriage)	up to 54"
Standard Carriage Adjustment Range	15.5" to 31"
Motor Power	2 HP, 208/230V or 440/480V, 3 Phase, 60 HZ
Approx. Dry Weight	1,042 lbs

MCL 18

Lifting Capacity	18,000 lbs per column
Height	97.64"
Maximum Lifting Height	69"
Length of Standard Fork	12.5"
Base Length	46"
Total Base Width	45"
Tire Diameter (Extra Wide Carriage)	n/a
Standard Carriage Adjustment Range	15.5" to 31"
Motor Power	2 HP, 208/230V or 440/480V, 3 Phase, 60 HZ
Approx. Dry Weight	1,033 lbs

CARRIAGE OPTIONS

MCL 12

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

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

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

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

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