

CL Challenger Lifts



CLHM SERIES

MOBILE COLUMN LIFTING SYSTEM

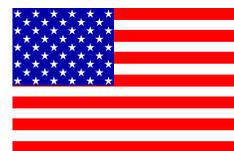
mobile HD
HEAVY-DUTY LIFTING SOLUTIONS

Challenger's new 14,000 and 19,000 lb. capacity mobile column lifts provide the flexibility and convenience to lift any rubber tired vehicle, from small passenger cars to the largest two, three or four axle vehicles from 28,000 lbs. to 152,000 lbs. without taking up an entire bay. Our heavy-duty mobile lifts are also capable of lifting vehicles of any axle length or wheelbase.

CLHM-140 14,000 LB. CAPACITY



- » Wireless battery powered mobile column lifting system



MADE IN THE USA

Our heavy-duty mobile lifting system along with optional sets of accessory support stands will accommodate multiple bays with one lift system. Our robust mobile columns are easy to maneuver and can be operated on almost any solid surface, indoors or out.

Models are available in 14,000 or 19,000 lb. capacity columns, wireless, battery, and hydraulic operated with adjustable carriages.

FEATURES & BENEFITS

- » Hydraulic operated units provide lifting capacity from 28,000/38,000 (set of 2) to 112,000/152,000 lbs. (set of 8) enabling lifting of small passenger cars to heavy-duty trucks, transit, and municipality vehicles
- » 110 volt built-in multistage charging system
- » Adjustable wheel carriage fits a range of wheel sizes
- » Integrated touch screen control console
- » Precise balanced design, heavy-duty tow handle and spring loaded wheels
- » Operates with 12 volt deep cycle batteries to eliminate the need for power source hook-ups and provide 24 volt operation
- » Meets stringent ALI Gold Label standards



MECHANICAL LOCK LADDER

25 heavy-duty safety locks every 2.5" allow technicians to work at an ergonomic height to increase productivity and minimize fatigue.

WARNING LIGHTS

Green/yellow lights make for easy lock-ready identification



ADJUSTABLE CARRIAGE ASSEMBLY

The carriage assembly has adjustable arms designed with a positive grip nonskid pattern that prevents movement between the tire and the carriage arms. The carriage assembly is adjustable to five positions.

HEAVY-DUTY TOW DOLLY

Heavy-duty tow handle and spring loaded wheels make moving and aligning individual lift units simple and easy with little effort allowing for tight radius turns.





INTEGRATED CHARGING SYSTEM AND BATTERIES INCLUDED

110V built in multi-stage charging system for battery, wireless operation

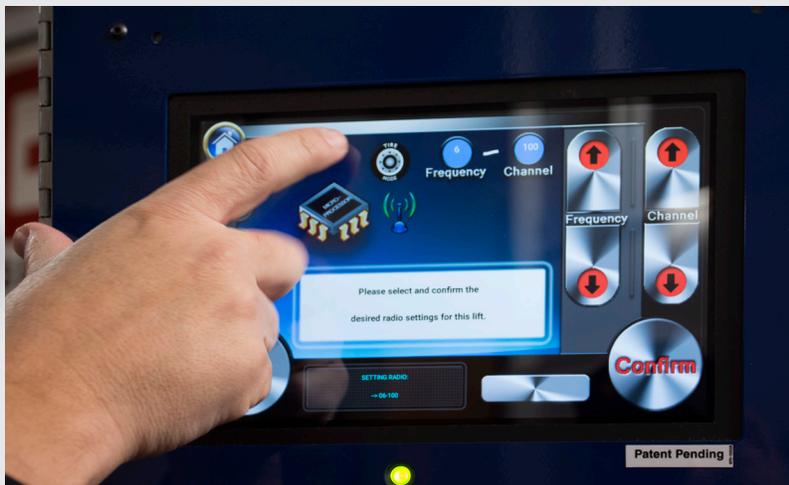
Charging status light provides real-time battery updates to assist with job planning and management.



WIRELESS OPERATION

Wireless operation system allows for a clutter-free work area without cables to connect, navigate around, roll-over or replace.

12 radio frequencies with a wide channel range (100 to 120) for each frequency prevents radio noise from interrupting service.



NEW 10" TOUCH SCREEN CONTROL CONSOLE

Android-based integrated touch screen control console provides easy-to-use control and precise measurements of lifting height and lifting weight per column.

- » Internal CPU and fully functional web browser
- » On-board training videos and manuals



SAFETY FEATURES

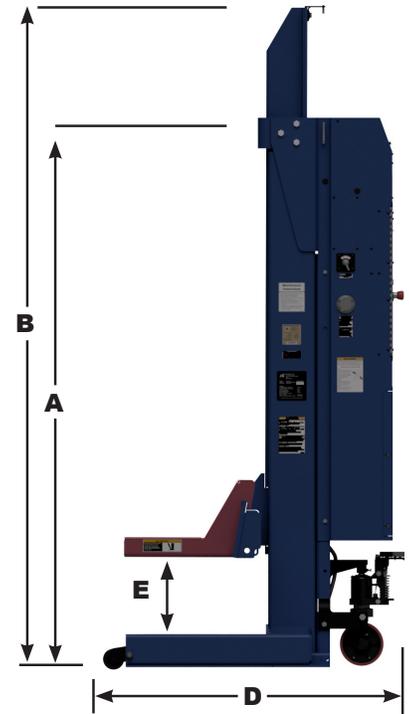
- Linear position transducers maintains system synchronization and ensures maximum reliability
- Integrated weight gauges help prevent column overloading and verifies lock engagement
- Wireless system for clutter free work area without cables to connect, navigate around, roll-over or replace

SPECIFICATIONS

Model Number	CLHM-140	CLHM-190	CLHM-190W
Lifting Capacity Per Column ¹	14,000 lbs	19,000 lbs	19,000 lbs
A Height of Lift Unit	88.5" (2,248 mm)		
B Height of Lift Unit at Full Rise	157.125" (3,991 mm)		
C Width of Lift Unit	44.25" (1,124 mm)	49" (1,245 mm)	
D Length of Lift Unit	53.625" (1,362 mm)		
E Max. Lift Height (4 or more units)	69" (1,753 mm)		
Max. Lift Height (2 units - Normal Mode)	32" (813 mm)		
F Min-Max Wheel Diameter	5" - 24.5" (127 - 622 mm)	5" - 24.5" (127 - 622 mm)	4" - Max det. by tire diameter
Max. Hydraulic System Operating Pressure	2,180 psi	2,600 psi	
Lift Speed (Max Load)	60" (1524mm) per min.		
Weight of Lift Unit	1,485 lbs (674 kg)	1,510 lbs (685 kg)	1,575 lbs (714 kg)
Footprint of Lift Unit	560 sq in. (3,613 sq cm)		600 sq in. (3,870 sq cm)
Ground Pressure for each Lift (Max. Load)	27.7 psi (191 kPa)	36.6 psi (252 kPa)	34.3 psi (236 kPa)
Turning Radius of Lift Unit	47" (1194 mm)		
Operating Peak Power	4HP		
Operating Voltage	24 VDC Nominal		
Charger Voltage Required	120 VAC @ 60 Hz		
Charger Amps Required	1.3 amps		

* CLHM series Wireless/Battery Operated Mobile Columns available in 2, 4, 6 and 8 column configurations with 14,000 lb. and 19,000 lb. per column capacity.

¹ Multiply number of columns by "Lifting Capacity Per Column" to calculate overall lifting capacity of configuration



For more information, contact your Authorized Challenger Lifts Distributor:

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Industry Association

