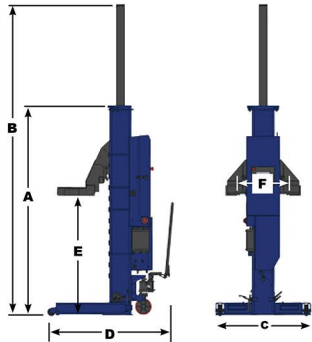


Model Number	CLHM-135	CLHM-180C	CLHM-180W
Lifting Capacity Per Column ¹	13,500 (6124kg)	18,000 lbs (8165kg)	18,000 lbs (8165kg)
A Height of Lift Unit	88-1/2" (2248mm)	90-1/2" (2297mm)	90-1/2" (2297mm)
B Height of Lift Unit at Full Rise	157-1/8" (3991mm)	147" (3734mm)	147" (3734mm)
C Width of Lift Unit	44-1/4" (1124mm)	41-1/4" (1048mm)	50-1/4" (1277mm)
D Length of Lift Unit	53-5/8" (1362mm)	55-1/2" (1410mm)	55-1/2" (1410mm)
E Maximum Lift Height (4 or more units)	69" (1753mm)	64" (1626mm)	64" (1626mm)
Maximum Lift Height (2 units - Normal Mode)	32" (813mm)	32" (813mm)	32" (813mm)
F Min-Max Wheel Diameter ²	5' - 24-1/2" (127 - 622mm)	11-1/2" - 24-1/2" (292mm - 622mm)	11.5" (292mm) - No Max. - Determined by tire diameter
Max. Hydraulic System Operating Pressure	3,000 psi	3,350 psi	3,350 psi
Lift Speed (Max. Load)	60" (1524mm) per Min	55" (1397mm) per Min	55" (1397mm) per Min
Weight of Lift Unit	1,485 lbs (674kg)	1,485 lbs (674kg)	1,565 lbs (710kg)
Footprint of Lift Unit	350" (8890mm)	500" (12700mm)	600" (15240mm)
Ground Pressure for each Lift (Max. Load)	43.1 psi	39.0 psi	32.6 psi
Turning Radius of Lift Unit	47" (1194mm)	45-1/2" (1156mm)	45-1/2" (1156mm)
Operating Peak Power		4 hp	4 hp
Operating Voltage	24 VDC Nominal	24 VDC Nominal	24 VDC Nominal
Charger Voltage Required	120 VAC @ 60 Hz	120 VAC @ 60 Hz	120 VAC @ 60 Hz
Charger Amps Required	2.5 Amps	2.5 Amps	2.5 Amps

¹ CLHM series Wireless/Battery Operated Mobile Columns available in 2, 4, 6 and 8 column configurations with 16,000 lb. and 18,000 lb. per column capacity.

² Multiply number of columns by "Lifting Capacity Per Column" to calculate overall lifting capacity of configuration.

³ Minimum wheel diameter is measured without optional small wheel adapters.



For more information, contact your Authorized Challenger Lifts Distributor.



The Automotive Lift Institute (ALI) certifies that the CLHM series described herein comply with the applicable provisions of the American National Standards: ANSI/ALI ALCY 2011 and are Third Party Validated by the ETL Testing Laboratory.



Challenger Lifts, Inc. reserves the right to make changes to specifications without notice and without making changes retroactive. Including modification and oil not included.



Contact your Rotunda area Sales Manager or your Field Service Engineer

1-800-ROTUNDA www.OneRotunda.com

CL Challenger Lifts



Model#: CLHM-135
Wireless / Battery Powered
Mobile Column Lifting System
13,500 lb. per column lifting capacity



Model#: CLHM-180C
Wireless / Battery Powered
Mobile Column Lifting System
18,000 lb. per column lifting capacity

CLHMseries mobileHD

Mobile Column Lifting System HEAVY-DUTY LIFTING SOLUTIONS

Our Heavy-Duty mobile lifting system along with optional sets of accessory support stands will accommodate multiple bays with one lift system. Robust yet easily maneuverable mobile columns can be operated on almost any solid surface, in-doors or out.

Challenger mobile 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 up to 144,000 pounds, without taking up an entire bay. Our Heavy-Duty mobile lifts are also capable of lifting vehicles of any axle length or wheelbase.

Models are available in 13,500 or 18,000 lb. capacity columns, wireless, battery, and hydraulic operated with adjustable carriages.

Features & Benefits:

- Hydraulic operated units provide lifting capacity from 27,000 (set of 2) to 144,000 lbs. (set of 8) enabling lifting from small passenger cars to heavy-duty trucks, transit, and municipality vehicles
- 110 volt built in multi-stage charging system
- Wireless system for clutter free work area without cables to connect, navigate around, roll-over or replace
- Adjustable carriages eliminate the need for small wheel adapter while providing the necessary width to accommodate larger wheels
- 12 radio frequencies with a channel range from 100-120 for each frequency to prevent radio noise from interrupting service
- Digital encoders maintains system synchronization and ensures maximum reliability
- Integrated touch screen control console provides easy-to-use and precise operating
- Precise balanced design, heavy-duty tow handle and spring loaded wheels make moving and aligning individual lift units simple and easy with little effort
- Battery operated 12 volt deep cycle battery(s) eliminates the need for power source hook-ups and provide 24 volt operating
- Integrated weight gauges help prevent column overloading and verifies lock engagement



CLHM-135 Mechanical Lock Ladder

25 heavy-duty safety locks every 2-1/2" allow technicians to work at an ergonomic height to increase productivity and minimize fatigue.



Wireless Operation
Wireless system for clutter free work area without cables to connect, navigate around, roll-over or replace



CLHM-180 Mechanical Lock Ladder

12 heavy-duty safety locks every 4-3/4" allow technicians to work at an ergonomic height to increase productivity and minimize fatigue.



Integrated Touch Screen Control Console

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



Integrated Charging System

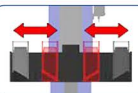
110V built in multi-stage charging system for battery, wireless operation



Adjustable

Carriage Assembly

The carriage assembly has adjustable arms designed with a positive grip no-skid pattern that prevents movement between the tire and the carriage arms. The carriage assembly is adjustable to 6 different positions. Each carriage assembly has 4 self-lubricated roller wheels to provide easy adjustability.



Heavy-Duty Tow Dolly

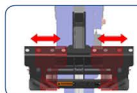
Heavy-duty tow handle and spring loaded wheels make moving and aligning individual lift units simple and easy with little effort allowing for tight radius turns



Adjustable

Carriage Assembly

The carriage assembly has adjustable arms designed with a positive grip no-skid pattern that prevents movement between the tire and the carriage arms. The carriage assembly is adjustable by means of a patented synchronized ACME™ threaded drive system. The adjustment can be made from either side, (left or right) of the lifting carriage by utilizing a common ratchet/socket combination tool. The synchronized adjustment feature insures that the vehicle tire is centered in the lifting carriage.



Optional Accessories:



CLHM-10-TH
Short Support Stand
20,000 lb. capacity each, adj. height of 20" - 32", 1" adjustment increments (1 pair)



CLHM-10-THF
Med. Support Stand
20,000 lb. capacity each, adj. height of 30" - 52", 1" adjustment increments (1 pair)



CLHM-THR
Hi-rise Support Stand
18,000 lb. capacity each, adj. height of 46 3/4" - 84"



CLHM-LS-LK
Light Kit (pair)
Illuminate work areas under the vehicle. 2 lights per kit - 1 light per column



CLHM-CB-32A
Cross Beam Adapter
End Lift Adapter
32,000 lb. capacity used to lift by frame rails



CLHM-ELA-90A
End Lift Adapter
9,000 lbs. capacity (per column) used to support vehicle from front and back



CLHM-FLA
Fork Lift Adapter
15,000 lb. capacity used to raise fork lift 64"



CLHM-HR-300
Clutch Jack
Air/hydraulic powered, 300 lbs. capacity, 360° rotating head, 80 1/2" max. lifting height



CLHM-HTCJ-2000
Transmission Jack
2,200 lbs. capacity, 30" start height, max. height of 72", 360° rotating head with fore and aft tilt, 1st stage power: 100% air, 2nd stage power: air/hydraulic for precise control



CLHM-WDH-12
Wheel Dolly
1,200 lbs. capacity, max lifting height of 51", air assisted hydraulic power system, flexible design works with super single & dual wheel assemblies, combines fore/aft & side to side tilt adj.

Built-in Productivity