Challenger Lifts

Model#: CLM16-4
Mobile Column Lifting System
16,000 lb. per column lifting capacity

Model#: CLM16-4B
Wireless / Battery Powered
Mobile Column Lifting System
16,000 lb. per column lifting capacity

CLM & CLMB series
Mobile Column Lifting System

Our Heavy-Duty mobile lifting system (4 or 6 columns) along with extra sets of accessory stands serves multiple bays with one lift system. Lightweight mobile columns can be operated on almost any solid surface, in-doors, outside or even wirelessly where electrical is not available (CLMBseries only).

Challenger mobile lifts provide the flexibility and convenience to lift any rubber tired vehicle, from small passenger cars (with special adapters) to the largest two, three or four axle vehicles up to 144,000 pounds, without pits, hydraulics or compressed air. Our Heavy-Duty mobile lifts are also capable of lifting vehicles of any axle length or wheelbase.

Models available in 16,000 or 18,000 lb. capacity columns, wireless battery operated or cabled electric powered units.

Features & Benefits:

Wireless communication to all columns (CLMBseries only)

(1) Capacity to 144,000 lbs.

(7)

Electronic self diagnostics with automatic synchronization & communication between columns

(3) Re-circulating ball screw lifting system

(6) Gravity activated fail safe independent safety device with proximity sensor

(5)

(8)

Heavy-Duty tow handle

(2)

Heavy-Duty, 12v rechargeable deep cycle battery (CLMBseries only)

(4) Large base area with fixed wheel lift forks

(1) Provides Heavy-Duty lifting for large trucks, transit and municipality vehicles

(2) Provides lifting where 3-phase power is unavailable or cost prohibitive. Single charge all day power - up to 45 cycles at 50% capacity or up to 25 cycles at 100% capacity

(3) For low friction and high efficiency, stability and reliability

(4) Allows stable and safe lifting

(5) Offers convenience and provides greater shop productivity

(6) Provides safety and automatically shuts off when it senses objects like tools or stands in the way

(7) Allows lifts to be operated without electrical power or communication cables
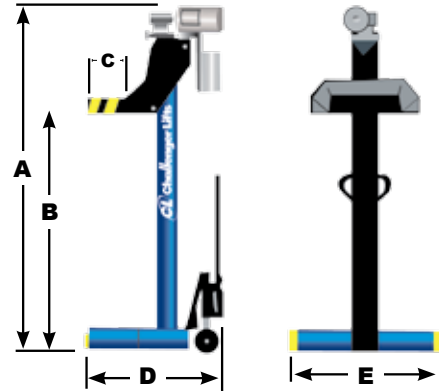
(8) Makes columns easy to manuever

For more information, contact your Authorized Challenger Lifts Distributor:

Model Number	Electric				Wireless / Battery	
	CLM16-4	CLM16-6	CLM18-4	CLM18-6	CLM16-4B*	CLM18-4B*
Lifting Capacity	64,000 lb. (29030kg)	96,000 lb. (43545kg)	72,000 lb. (32659kg)	108,000 lb. (48988kg)	64,000 lb. (29030kg)	72,000 lb. (32659kg)
A Height	97.6″ (2350mm)					
B Max Lifting Height	69″ (1752mm)					
C Length Lifting Fork	12.2″ (270mm)				12.2″(270mm) or 20″(508mm)	
D Length	42.9″ (1090mm)				54.5″ (1384mm)	
E Width Lifting Fork	23.5″ (600mm)				23.5″(600mm) or 27.5″(699mm)	
Total Width	45.3″ (1150mm)					
Turning Circle	43.3″ (1100mm)					
Tire Sizes	12R-24.00 to 10.00-20.00					
Min Tire w/ Reduction Sleeves	20.25″					
Lifting Speed	105 seconds				113 seconds / 117 seconds	
Full Cycles at 100% Capacity	N/A				25 strokes (up & down)	
Full Cycles at 50% Capacity	N/A				45 strokes (up & down)	
Complete Charging Cycle	N/A				8 hours	
Motor	2.4HP, 3 Phase, 60Hz				2.5 HP	
Voltage	208/230v or 440/480v				120v, 15 Amps	

* CLMBseries Wireless/Battery Operated Mobile Columns also available in 6 and 8 column configurations in both 16,000 lb. and 18,000 lb. per column capacity.

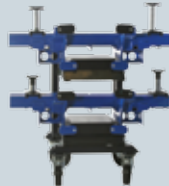Electronic self diagnostics and automatic synchronization and communication between columns

Optional Accessories:

Cable Remote Control for CLM16 and CLM18series cabled units

Small Wheel Adapters

Support Stands

Light Vehicle Adapter*

Fine adjustment screw for support stand

*shown with optional accessories and cart

Many other customization options available.