CL Challenger Lifts



ADJUSTABLE HEAVY DUTY LIFTS



All our HD 2-Posts come standard with the ability to adjust the width and height during installation to suit your shop's needs.



16K 2-POST 💆

MODEL # CL16-3S & CL16-2-3S

This 16,000 lbs. 2-Post Lift boasts optimum flexibility and meets ALI®/ANSI® safety standards.

It features **adjustable column extensions to accommodate three settings for height,** from 13'6" to 14'6", or add 2' column extensions to go from 15'6" to 16'6".

Standard features include 3-Stage Front and Rear Arms and low-profile arm supports for a full swing.

REQUIREMENTS



13'8" MINIMUM



16' RECOMMENDED



26' RECOMMENDED



208-230V, 1PH, 30A



90-120 PSI



STACK ADAPTER KIT

PART # 10315

(4) 3" Stack Adapters PART # B2206-3

(2) 6" Stack Adapters PART # 10313

(2) Organizer Racks PART # 10316

INCLUDED WITH ALL CL12 & CL16 LIFTS, ALSO SOLD SEPARATELY.



EV SERVICE READY

INSTALLED AT WIDEST SETTING & EQUIPPED WITH TEPK FOOTPADS



20K 2-POST

MODEL # CL20 & CL20-2

Engineered to be wider, taller, and more robust to tackle the heaviest vehicles in your fleet, up to 20,000 lbs.

Equipped with 2-Stage Arms, this lift also features **adjustable** column extensions, adjustable width, and the ability to add optional 2' column extensions for taller vehicles.



STACK ADAPTERS

(1) 8" Stack Adapter PART # B12068



(1) 4" Stack Adapter PART # B12069

INCLUDED WITH ALL CL20 LIFTS, ALSO SOLD SEPARATELY.



13' 4¾"

13'10¾"





28' RECOMMENDED



208-230V, 1PH, 30A



90-120 PSI

4-POST LIFTS

Challenger's 4-Post Lifts deliver **everything you need to expand your shop's offering to commercial service.** With lift capacities starting at 18,000 lbs. to a maximum of 60,000 lbs.

18K HEAVY-DUTY 4-POST

MODEL # 4018XFX

This **ALI**® **Certified** Flat Deck 4-Post Lift is a perfect fit for shops servicing vehicles up to 18,000 lbs.

It features a proven cable design, a single-point mechanical lock release, and 24" wide runways.

REQUIREMENTS



78" + VEHICLE



14' RECOMMENDED



24' RECOMMENDED



208-230V, 1PH, 30A



ALIGNMENT

30K HEAVY-DUTY 4-POST 🌬

MODEL # 403

With general service or alignment versions and three length options, our 30,000 lbs. HD 4-Post is no understatement. The cable and cylinder system with steel sheaves make up this lift's HD design and provides durability. **Non-skid louvered approach ramps and a built-in runway rail system bring versatility to any workspace.**

Service vehicles up to a maximum wheelbase of 317" and perform 2-wheel alignments on vehicles up to 292" in wheelbase length.



MODEL # 4030

REQUIREMENTS



12' MINIMUM



17' RECOMMENDED



28' RECOMMENDED



208-230V, 1PH, 30A



90-120 PSI



CHAIN-DRIVEN 4-POST LIFTS

Challenger's heavy-duty, chain-driven 4-Post automotive lifts accommodate a wide range of heavier vehicles. Perfect for fleet and commercial service shops. These lifts are NOT ALI® Certified.

Features include a high tensile strength leaf chain and sealed roller bearings for maximum reliability and productivity.

General service vehicles up to 18,000 lbs. with wheelbases from 194" to 230."

Align vehicles up to 236" in maximum wheelbase.



REQUIREMENTS



78" + VEHICLE



14' RECOMMENDED



24' RECOMMENDED



208-230V, 1PH, 30A

Wheel alignment is one of the most profitable services available to an automotive shop, and our Alignment Rack **Upgrade** provides maximum productivity in any configuration.



PART # AR44018AR (2) Stainless Steel Turn Plates

(2) Fold-Down Wheel Stops (2) Work Steps

ALIGNMENT RACK UPGRADE **NOT AVAILABLE** FOR 4018XFX (2) Rolling Jacks (1) Airline Kit

K. 50K & 60K HEAVY-DUTY

MODEL # 44030, 44040, 44050 & 44060

From 30,000 - 60,000 lbs. capacity, broaden your revenue potential by expanding into the fleet and commercial truck and transit service operation, while increasing productivity and reducing down time. Challenger's heavy-duty surface mounted four post lift line is a lot of lift with a lot of large features to take your heavy vehicle service to the next level.





MOBILE COLUMN LIFTS

Challenger's Mobile Columns provide the flexibility and convenience to lift any rubber-tired vehicle, within rated capacity, without the need for pits, cables or compressed air.



MODEL # CLMM-5000



Capable of lifting 20,000 lbs. on any solid surface. Built with a heavyduty tow handles and spring-loaded, caster wheels. These mobile columns are perfect for servicing EVs.

REQUIREMENTS



14' 8" MINIMUM



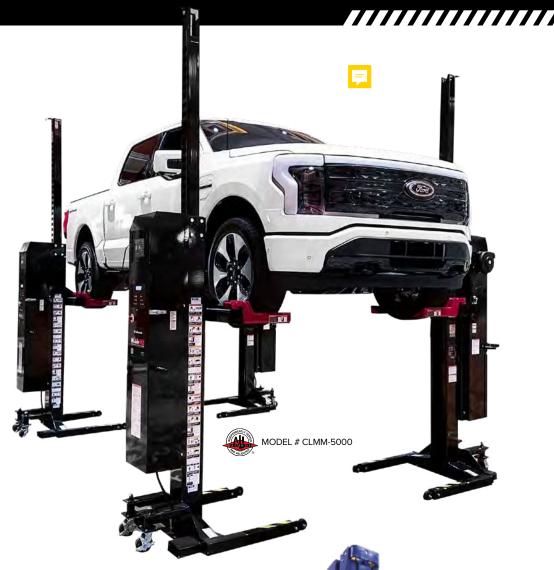
14' RECOMMENDED



28' RECOMMENDED



110V FOR CHARGING



12.5K EXTENDED FORKS

MODEL # CLHM-125-XF

These lifts offer a versatile, scalable, and efficient solution to vehicle lifting operations with a 12,500 lbs. capacity per column. The standard 22" forks allow for full tire engagement on vehicles with recessed wheels or dual tires and accommodate wheel diameters from 5"-24.5".

A maximum of eight lifts work in tandem or used in combination with our 14K/19K models.

REQUIREMENTS



14'8" MINIMUM



14' RECOMMENDED



28' RECOMMENDED



120-240 VAC @ 50-60 HZ



LIFT ANY 2-, 3-, OR 4-AXLE RUBBER-TIRE VEHICLE

UP TO 152,000 LBS.

WITH 8 HD COLUMNS CONNECTED

14 & 19K HEAVY-DUTY

MODEL # CLHM-140, CLHM-190, CLHM-190W FULL SPECIFICATIONS PG. XX

Our HD Mobile Columns are capable of lifting vehicles of any axle length or wheelbase up to **14,000 or 19,000 lbs. per column** on any solid surface.

Built with a heavy-duty tow handle for comfortable maneuverability.



INTEGRATED TOUCH SCREEN CONTROL CONSOLE AT EACH COLUMN

REQUIREMENTS



14'8" MINIMUM



14' RECOMMENDED



28' RECOMMENDED



110V FOR CHARGING



HEAVY-DUTY WHEEL LIFTS

MODEL #S CLHM-MR20, CLHM-MR30, AND CLHM-MR40

Capable of lifting 20, 30, or 40,000 lbs. per pair, expect years of worry- and maintenance-free lifting with this air-operated system.

Comprised of two individual lifts, the pair work to lift one end of a vehicle at a time. Perfect for low ceiling shops, significant component removal, and eliminating the need to remove aerodynamic body panels from vehicles.

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REQUIREMENTS



14'8" MINIMUM



12'3"RECOMMENDED



28' RECOMMENDED

HEAVY-DUTY ADAPTERS

Designed to help your technicians **service vehicle types**, **like forklifts & multiple rear-axle**, more efficiently. **NOT** COMPATIBLE WITH CLMM-5000 OR CLHM-125-XF.



CAB-OFF ADAPTERPART # CLHM-CA-15

Adjustable length adapter to lift cabs off 2- and 4-door truck frames.



CROSS-BEAM ADAPTER
PART # CLHM-CB-32A

32K lbs. capacity adapter to lift heavy-duty vehicles by the frame rails.



FORK LIFT ADAPTER

PART # CLHM-FLA

15K lbs. capacity adapter to raise fork lifts 64".



END LIFT ADAPTER

PART # CLHM-ELA-90A

9K lbs. capacity adapter designed to lift Humvees® specifically.



WING PLOW ADAPTER

PART # CLHM-SP-240

24K lbs. capacity adapter for vehicles with components that could obstruct the column lift.



REAR AXLE RESTRAINT

PART # CLHM-RAR-20

2K lbs. capacity restraint multiple rear axle vehicles, to support unengaged axle.



MAGNETIC LIGHT KIT

PART # CLHM-LS-LK

Two magnetic lights that are powered by the mobile column.



GLARE SCREEN

PART # CLHM-GS

Reduces glare and protects the screen from worksite dirt.



PART # CLHM-CVR-F (Full) PART # CLHM-CVR-H (Half) Sold individually.



SUPPORT STANDS

PART#	DESCRIPTION	ADJUSTMENTS	CAPACITY	SOLD IN
CLHM-10-TH	Short Stand	20"-32" / 1" increments	20K lbs./each	Set of 2
CLHM-10-THF	Medium Stand	30"-52" / 1" increments	20K lbs./each	Set of 2
CLHM-7-THR	High-Rise Stand	53"-72" / 2.75" increments	14K lbs./each	Single Unit
CLHM-10-THR	High-Rise Stand w/Gas Assist	49"-83" / 2.75" increments	20K lbs./each	Single Unit
CLHM-9-THR	High-Rise Stand w/Gas Assist	46.75"-84"	18K lbs./each	Single Unit



HEAVY-DUTY SHOP EQUIPMENT

Challenger Lifts offers a wide range of heavy-duty shop equipment to meet your needs. Our products are made from high-quality materials, ensuring durability, and are sure to meet your needs and exceed your



ENGINE STAND

PART # CLHM-ES-2000

2K lbs. capacity, adjustable platform, 360°-rotation locking wheels.



TRANSMISSION JACK

PART # CLHM-HTCJ-2000

2.7K lbs. capacity, 72" max height, 360° rotating head, retractable tow handle.



DISC BRAKE DOLLY

PART # CLHM-200

One-person operation for removing calipers and disc brake hubs.



HI-RISE TRANSMISSION JACK

PART # CLHM-HTJ-1000

1K lbs. capacity, four quickratcheting brackets.



6K FLOOR JACK

PART # CLHM-FSJ-60Q

6K lbs. capacity, double-plunger design for quicker lift and longer stroke.



DIFFERENTIAL ADAPTER

PART # CLHM-HD-DA

Heavy-duty adapters for use with CLHM-HTCJ-2000.



F550 WHEEL END ADAPTER

PART # CLHM-F550

Adapter for Ford® F550 Model Trucks; for use with CLHM-200.



TRANS JACK ADAPTER

PART # CLHM-90

Adapter for easy removal of transmission, for use with CLHM-HTJ-1000.



2.2K lbs. capacity, folds for



SPECIFICATIONS

12K/12K LOW-CEILING 2-POST CL12A/CL12A-LC

MODEL NUMBER	CL12A	CL12A-1	CL12A-2	CL12A-DPC-QC	CL12A-LC	CL12A-LC-DPC-QC
Description	12K			12K Low-Ceiling		
Version	Standard	w/ 1' Extensions	w/ 2' Extensions	w/ DPC & QuickCycle ™		w/ DPC & QuickCycle ™
Lifting Capacity			12,00	00 lbs.		
Lift Configuration			Symr	netric		
Arm Configuration		3-Stage Front & Rear				
Rise Height		84¾"			80	3/4"
Overall Height	13' 8" or 13' 2"	14' 8" or 14' 2"	15' 8" or 15' 2"	13' 8" or 13' 2"	11' 11"	
Overall Width	Standard: 11' 10" +6": 12' 4" +12": 12' 10"					
Drive Thru Clearance	Standard: 8' 7½" +6": 9' 1½" +12": 9' 7½"					
Floor to Overhead Switch	13' 2" or 12' 8"	14' 2" or 13' 8"	15' 2" or 14' 8"	13' 2" or 12' 8"	11' 4½"	
Arm Reach	Min. 27½" Max. 59"					
Screw Pad Height	Min. 4¾" Max. 12½" (includes 6" stack adapter)					
Motor / Voltage	2HP, 208v-230v, 60Hz, 1Ph			3HP, 208v-230v, 60Hz, 1Ph	2HP, 208v-230v, 60Hz, 1Ph	3HP, 208v-230v, 60Hz, 1Ph
Rise Time	63s		40s	60s	38s	
Min. Ceiling Height	13' 9" or 13' 3" 14' 9" or 14' 3" 15' 9" or 15' 3"		13' 9" or 13' 3"	1:	2'	
ALI® Certified	lacktriangledown					
Available Colors						

16K/20K2-POST CL16/CL20

MODEL NUMBER	CL16-0-3S	CL16-2-3S	CL20-0	CL20-2		
Description	16K Standard	16K Extended Height	20K Standard	20K Extended Height		
Lifting Capacity	16,00	0 lbs.	20,00	00 lbs.		
Lift Configuration		Symr	metric			
Arm Configuration	3-Stage Fr	ont & Rear	2-Stage Front & Rear			
Max. Load Per Arm	4,00	0 lbs.	5,00	5,000 lbs.		
Rise Height	Min. 75½" Max. 81½" (w/ stack adapter)		Min. 76%6" Max. 849	%6" (w/ stack adapter)		
Overall Height Options	13' 6" 14' 14'6"	15'6" 16' 16'6"	13'6" 14' 14'6"	15'6" 16' 16'6"		
Overall Width Options		13' 10¾" 13' 4	4¾" 12'10¾"			
Drive-Thru Clearance	8' 81/4" 9' 21/4" 9' 81/4"	8' 81/4" 9' 21/4" 9' 81/4"	8' 81/4" 9' 21/4" 9' 81/4"	8' 81/4" 9' 21/4" 9' 81/4"		
Floor to Overhead Switch	12' 11" 13' 5" 13' 11"	14' 11" 15' 5" 15' 11"	12' 11" 13' 5" 13' 11"	14' 11" 15' 5" 15' 11"		
Arm Reach	Min. 36%	" Max. 75"	Min. 38½'	Min. 38½" Max. 62"		
Screw Pad Height	Min. 5" Max. 6½"		Min. 6¾6" Мах. 7%6"			
Between Columns	Standard: 10' +6": 10' 6" +12": 11'					
Motor / Voltage	3HP, 208-230v, 60Hz, 1Ph					
Air Supply Required	90-120 psi					
Rise Time	62s					
Min. Ceiling Height Required	13' 8" 14' 2" 14' 8"	15' 8" 16' 2" 16' 8"	13' 8" 14' 2" 14' 8"	15' 8" 16' 2" 16' 8"		
ALI® Certified	∀					
Available Colors						

SPECIFICATIONS

18K 4-POST ALIGNMENT 44018

MODEL NUMBER	44018	44018E	44018AR	
Description	Standard	Extended Length	Alignment Deck	
Lifting Capacity		18,000 lbs.		
Max. Wheelbase	194" / 16' 2"	230" / 19' 2"	236" / 19' 2"	
Rise Height	78	3/4"	831⁄4"	
Overall Length	21' 7"	24' 4"	25' 111/2"	
Overall Width	11' (61/8"	11' 91½"	
Inside Columns	10' 1"		10' 2"	
Between Columns	16' 1"	19' 1"	15' 10"	
Overall Height	8' 6 1/2"			
Height of Runways	7 ¼" 11 %"			
Width of Runways	22"			
Width Between Runways	36" - 54"			
Standard Motor/Voltage	3HP, 208v-230v, 60Hz, 1Ph			
Required Amps	30			
Rise Time	60s			
Available Colors				

30K4-POSTALIGNMENT 4030

MODEL NUMBER	4030SFX	4030SAX	4030EFX	4030EAX	4030XFX	4030XAX	
Deck Type	Flat Deck	Alignment Deck	Flat Deck	Alignment Deck	Flat Deck	Alignment Deck	
Description	Sta	ndard	Exte	ended	Extra Extended		
Lifting Capacity		30,000 lbs.					
Max. Wheelbase	24	141/2"	2	81"	317"		
Max. 2-Wheel Alignment	NA	219½"	NA	256"	NA	292"	
Rise Height			71	3/4"			
Overall Length	2!	5' 8"	28	3' 8"	31' 8"		
Overall Width		14' 4 ¾"					
Inside Columns	12' 8"						
Between Columns	20' 6" 23' 6½"			26' 6 ½"			
Height of Columns	92 1⁄4"						
Height of Runways	10"						
Width of Runways	24"						
Width Between Runways	46" - 52"						
Air Supply Required	90-120 psi						
Standard Motor/Voltage	3HP, 208v-230v, 60Hz, 1Ph						
Rise Time	126s						
Min. Required Bay Size	28' x 17' 31' x 17' 34' x 17'			' x 17'			
ALI® Certified	⊘						
Available Colors							

SPECIFICATIONS

14K/19K HEAVY-DUTY MOBILE COLUMN

CLHM-140 / CLHM-190 / CLHM-190W

MODEL NUMBER	CLHM-140	CLHM-190	CLHM-190W	
Description	Heavy-Duty		Wide Heavy-Duty	
Lifting Capacity	14,000 lbs. 19,000 lbs.		0 lbs.	
Height of Lift Unit		88 11/2"		
Overall Height of Lift Unit at Full Rise		13' 11⁄8"		
Width of Lift Unit		441⁄4"		
Length of Lift Unit		535/8"		
Max. Lift Height (with 4 units)		69"		
Max. Lift Height (with 2 units)	32"			
Wheel Diameter	Min. 5" - Max. 24½" Min. 4" - Max. Determine		ned by Tire Diameter	
Max. Hydraulic System Operating Pressure	2,180 psi 2,600 psi		0 psi	
Lift Speed (Max. Load)		60" per minute		
Weight of Lift Unit	1,485 lbs.	1,510 lbs.	1,575 lbs.	
Footprint of Lift Unit	650 sq. in.	705 s	q. in.	
Ground Pressure for each Lift (Max. Load)	23.8 psi	31.6 psi	29.2 psi	
Turning Radius of Lift Unit	47"			
Operating Peak Power	4HP			
Operating Voltage	24 VDC Nominal			
Charger Voltage Required	120 VAC @ 60 Hz 122		122 VAC @ 60 Hz	
Charger Amps Required	2.3 amps			
ALI® Certified				
Available Colors				

HEAVY-DUTY WHEEL LIFT SYSTEM CLHM-MR20/CLHM-MR30/CLHM-MR40

MODEL NUMBER	CLHM-MR20	CLHM-MR30	CLHM-MR40	
Lifting Capacity (per pair)	20,000 lbs.	30,000 lbs.	40,000 lbs.	
Lift Height		Min. Floor Level - Max. 30"		
Power		Compressed Air		
Max. Air Pressure	160) psi	155 psi	
Stroke		30"		
Min. Wheel Diameter with Adapters	10	6"	14"	
Min. Wheel Diameter without Adapters	19	9"	21"	
Max. Tire Diameter	4	4"	45"	
Overall Width	42 1⁄4"	4:	5"	
Overall Depth	43 11⁄4"	4-	4"	
Overall Height	58 ³ ⁄4"	59"	63"	
Shipping Weight	1,200 lbs.	1,500 lbs.	1,965 lbs.	
Available Colors				

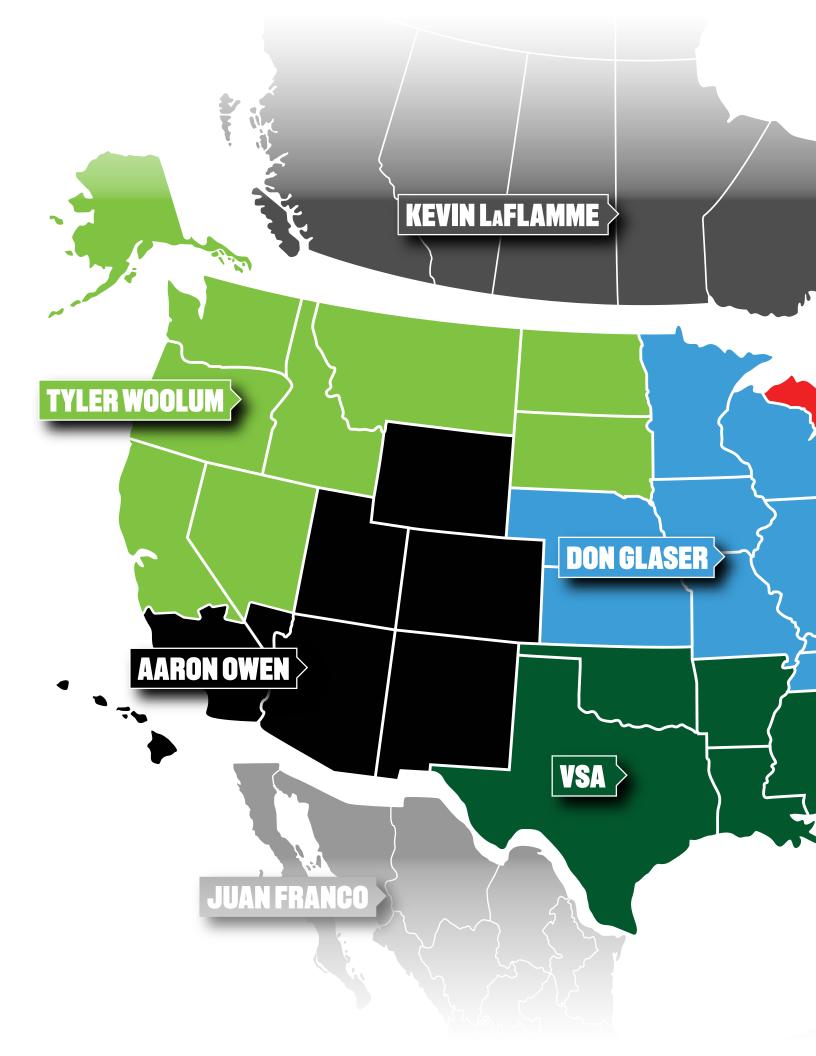
5K MEDIUM-DUTY MOBILE COLUMN CLMM-5000

MODEL NUMBER	CLMM-5000
Description	Medium-Duty
Lifting Capacity	5,000 lbs.
Height of Lift Unit	881/2"
Overall Height of Lift Unit at Full Rise	13' 11/8"
Width of Lift Unit	381/2"
Length of Lift Unit	46¾"
Max. Lift Height (with 4 units)	69"
Max. Lift Height (with 2 units)	-
Wheel Diameter	Min. 6" - Max. 22"
Max. Hydraulic System Operating Pressure	2,230 psi
Lift Speed (Max. Load)	60" per minute
Weight of Lift Unit	870 lbs.
Footprint of Lift Unit	450 sq. in.
Ground Pressure for each Lift (Max. Load)	13 psi
Turning Radius of Lift Unit	50½"
Operating Peak Power	4HP
Operating Voltage	24 VDC Nominal
Charger Voltage Required	120-240 VAC @ 60 Hz
Charger Amps Required	2.8 amps
ALI® Certified	 ✓
Available Colors	



18K HEAVY-DUTY 4-POST 4018

MODEL NUMBER	4018	
Lifting Capacity	18,000 lbs.	
Max. Wheelbase	220"	
Rise Height	72"	
Overall Length	303¾"	
Overall Width	1521⁄8"	
Inside Columns	128 ¹³ / ₁₆ "	
Between Columns	2291/8"	
Overall Height	985⁄8"	
Height of Runways	9½"	
Width of Runways	24"	
Width Between Runways	40"	
Standard Motor/Voltage	208v-230v, 60Hz, 1Ph	
Required Amps	20	
Rise Time	70s	
ALI® Certified	Ø	
Available Colors		





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