



MACHTMSERIES

MOBILE COLUMN LIFTS



ROTARY LIFT

THE WORLD'S MOST TRUSTED LIFT



Shown: MCHW618U100 108,000 lbs. capacity mobile column lift

www.rotarylif.com

MACH™ SERIES

MOBILE COLUMN LIFTS



THE FASTER AND EASIER CHOICE
FOR YOUR MAINTENANCE FACILITY

HEAVY DUTY MOBILE COLUMN LIFTS

Only Rotary Lift mobile column lifts offer the versatility and time savings features that keep your bays productive, your revenue streaming and your trucks back on the road.

SETTING THE STANDARD

Functionality, space consideration, increased productivity and concern for the environment are key components to consider when investing in a new heavy-duty lift.

Our designers and engineers have taken all these considerations and used them to develop the most innovative and versatile heavy-duty lift products on the market today.

All from a partner you've trusted since 1925.

Rotary Lift.



Operator friendly designs and industry exclusive features offer you mobile lifts that are easier to use with a set up that is over 30% faster than similar competitive lifts.

Fast and Easy: Now in 2 Models!

Productivity is the key for any shop, so our lifts are packed with features that help your technicians get vehicles up on the lift and back on the road faster and easier than anyone else.

- Rotary's exclusive intuitive control console allows the lift to be fully controlled from any column
- Columns are battery operated so there are no power cords
- The automatic steering / braking system saves time on every set up



Environmentally Friendly:

The MACH Series takes protecting the environment seriously.

- Surface mounted and portable, it requires no excavation or site preparation
- Battery operated with an onboard charger that uses only 110v electricity to charge
- Optional high efficiency LED lighting saves electricity and money over comparable incandescent and fluorescent lighting



Superior by Design:

- Rotary maintains the largest in-house mechanical, electrical and controls engineering staff in the industry using state of the art design, modeling and analysis software to ensure you get a well designed, reliable product
- Rotary rigorously cycle tests its lifts and components for at least 20,000 cycles at rated load, giving you a robust, proven and quality tested lift that won't let you down

Third Party Certified:

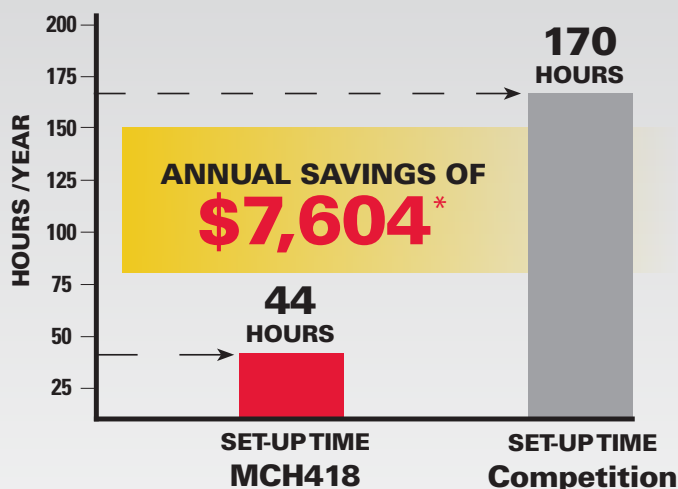
The MACH Series lifts meets the ANSI/ALI ALCTV 2011 standard, including the required third party validation.



MOBILE COLUMN LIFTS INCREASE PRODUCTIVITY and saves your technicians time and you money!

Rotary Lift's MACH Series Lifts are not only faster and easier than the competition...
your lift pays for itself in less than 4 years!

HOW MUCH WILL YOU SAVE WITH A MACH?



* Study based on technician rate of \$60/hr and assumed 50 week work year.



"The Rotary heavy-duty Mobile Lifts are great! They are very easy to set up and use. As the instructor of the Diesel/ Transportation Technologies Program at Santa Ana College, there was a need to improve the students learning and skills, and a heavy-duty lift system was required. The mobile lifts are a great way to have this ability at a lower cost than inground lifts. The great feature is they are mobile - they can be used in many areas of the shop. My main concern with the mobile lifts was student safety, but after using them just one time with the students, the safety concern went away. I would highly recommend them for any shop."

- Tom Hogue, Program Instructor
Diesel / Transportation Technologies Program, Santa Ana College

"After extensive testing of multiple mobile column lifts, I chose the Rotary MACH 4 as having the most advanced design, most options and ease of relocating being the best choice for the city. After receiving the lifts, Rotary's customer service and local distributor experience was exceptional. Not only did they answer my questions, but they went above & beyond in addressing any issues I had with the lifts. Between the product and the company, you can't go wrong."

- Daniel S. Corbin, Fleet Operations Manager
Town of Summerville, South Carolina

THE ROTARY LIFT PROMISE

Only Rotary offers the right combination of experience, quality product selection and service you've come to expect from the world leader.

- See the complete Rotary Lift Promise on the back page of this brochure.



Shown: MCH413U1A00
52,000 lbs. capacity

MCH18

18,000 LBS. COLUMN CAPACITY

MCH18 FEATURES

Two, four, six or eight column configurations can accommodate light duty passenger vehicles and heavy duty trucks up to 144,000 pounds!



Shown: MCH618U100
108,000 lbs. capacity

INVERTED HYDRAULIC CYLINDER

The hydraulic cylinder is inverted inside the carriage and the chrome piston rod is protected from debris and damage - extend the life of the column and reduce maintenance frequency and cost

EASY TO MOVE ADJUSTABLE FORKS

Improves set up time without the need for reducer sleeves - adjustment range: 9.25" to 22"

BATTERY OPERATED WITH ON-BOARD MINN KOTA® CHARGER

No power cords to clutter up the service bay with this waterproof charger - use it anywhere, even washbays

Battery purchased separately for international use

AC POWERED LIFT OPTION

Operate your mobile lifting system without the use of batteries.

Consult factory representative for details.

OPTIONAL LED LIGHTING

FORKLIFT POCKETS

Provide a convenient way to relocate columns within your shop. Included with every lift, they are clearly labeled for easy handling

MCH18 / 18,000 lb. COLUMN CAPACITY

MOBILE COLUMN LIFT	MCH418	MCH618	MCH818
Column configuration	4	6	8
Capacity	72,000 lbs.	108,000 lbs.	144,000 lbs.
Rise	70" (1778 mm)		
Lifting cycles	15-20 per charge		
Column width	45.5" (1156 mm)		
Tire Dimensions	9"-24" (229-610 mm)		
Clearance from fork to column	10" (254 mm)		
Speed of rise	78 seconds		
Charging voltage	110v charger*		

*Call factory for alternate voltage

See page 9 for additional lift accessories



OPTIONAL
WIRELESS
COLUMN
COMMUNICATION



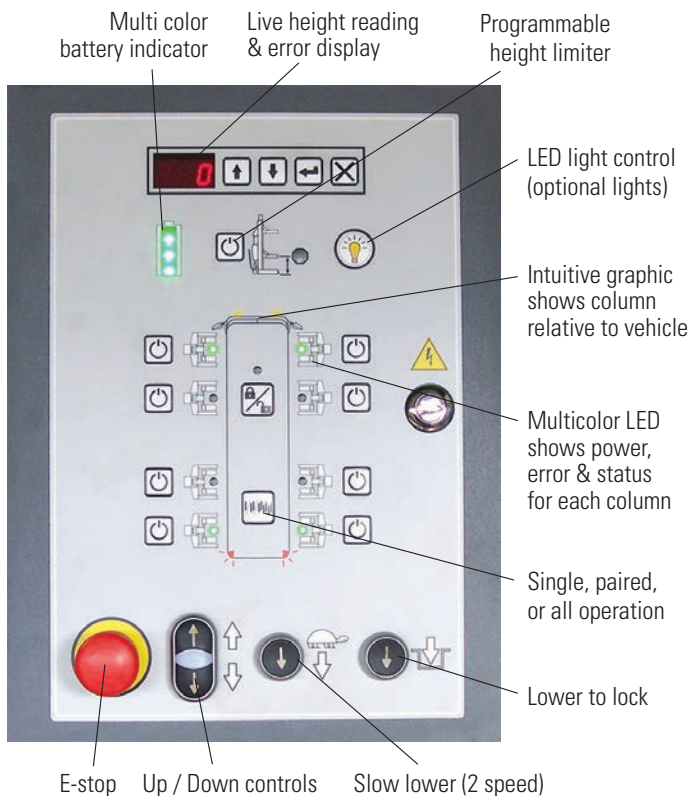
Shown: MCH418U100
18,000 lbs. capacity

TOUGH RUBBER-COATED WHEELS

Easily roll over dirt and debris that can jolt other lifts to a stop and automatically retract under load

PATENTED INTUITIVE CONTROL CONSOLE

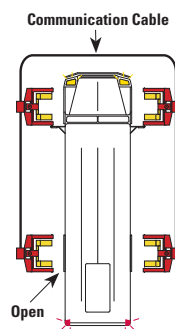
Rotary's exclusive control console allows the lift to be fully controlled from any column

**AUTOMATIC STEERING / BRAKING SYSTEM**

No need to manually pump the jacks up to move the columns - saves precious time *on every set up*

HORSESHOE WIRING / MACH SERIES

While other mobile column lifts are connected by four cables, the wired MACH Series columns use just three (forming a horseshoe), so the front or back of the lift is always open. Vehicles can be driven in and out of the bay without wasting time to disconnect and reconnect cables.

**RETRACTABLE CORD REELS (WIRED MCH18 MODELS)**

With quick lock connections providing easy onehanded connectivity between columns, don't waste time winding cables every time you use the lift.

OPT FOR MORE VERSATILITY WITH THE MCH18 WIRELESS:

Patented Wireless Column Communication eliminates communication cables - faster and easier setup with no cords to get in the way *reducing technician's setup time by 75%.*

WIRELESS BENEFITS:

Position Memory no need to configure columns for each lifting cycle...set it and forget it.

Reliability under any condition go from wired to wireless and back with the "flip of a switch". *

Automatically re-establishes communication between columns if signal is dropped - no need to reset communication errors.

No RFID identifier wand to lose

On-board diagnostics with easy-to-read LEDs.

Forward compatible / programmable with quick, easy software updates - retrofit older non-wireless MCH18 units.

* Requires optional cord reel accessory

"Clovis Unified School District purchased the MACH Wireless Lift System and have used these lifts continuously on our transit bus fleet. The combination of ease of setup, maneuverability, and speed have greatly increased the production in our shop. We own other wireless lifts and they do not compare. These lifts are much more user friendly and combined with the corded feature, we are always assured that we will not be left up in the air. Utilizing these in a bay that was not originally equipped with an in-ground lift system has made what was once dead space, efficient space."

- **Lee A. Peterson**, Manager, Vehicle Maintenance
Clovis Unified School District



Shown: MCHW418U100
72,000 lbs. capacity

MCH13

13,000 LBS. COLUMN CAPACITY

MCH13 FEATURES

Boasting most of the same great features as the MCH18, the MCH13 is the perfect combination of capacity, features and value. Lift trucks and light duty vehicles with two, four, six or eight columns.

INVERTED HYDRAULIC CYLINDER

The hydraulic cylinder is inverted inside the carriage and the chrome piston rod is protected from debris and damage - extend the life of the column and reduce maintenance frequency and cost

AUTOMATIC STEERING / BRAKING SYSTEM

No need to manually pump the jacks up to move the columns in and out - saves precious time on every set up

FORKLIFT POCKETS

Provide a convenient way to relocate columns within your shop. Included with every lift, they are clearly labeled for easy handling.

EASY TO MOVE ADJUSTABLE FORKS

Improves set up time without the need for reducer sleeves. Adjustment range is 6.3" to 23.6" to accommodate approximate tire sizes 9" to 24".

ON-BOARD CHARGER

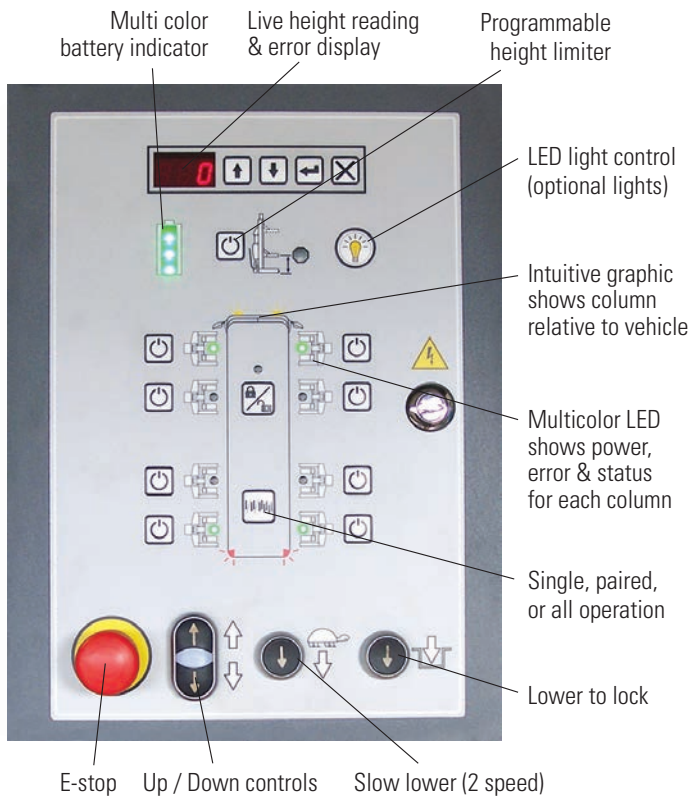


Shown: MCH413U1A00
52,000 lbs. capacity



Shown: MCH213U1A00

HEAVY-DUTY 52,000 - 104,000 LBS. CAPACITY



PATENTED INTUITIVE CONTROL CONSOLE

Rotary's exclusive control console allows the lift to be fully controlled from any column

BATTERY OPERATED WITH INTERNAL CHARGER

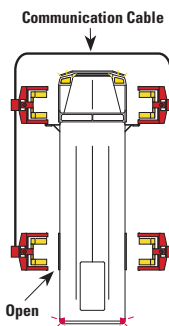
No power cords to clutter up the service bay improving portability.

QUICK CONNECT CABLES

Included with the lift, these lightweight and easy to connect cables are 33 feet long.

HORSESHOE WIRING / MACH SERIES

While other mobile column lifts are connected by four cables, the wired MACH Series columns use just three (forming a horseshoe), so the front or back of the lift is always open. Vehicles can be driven in and out of the bay without wasting time to disconnect and reconnect cables.



MCH13 / 13,000 lb. COLUMN CAPACITY

MOBILE COLUMN LIFT	MCH413	MCH613	MCH813
Column configuration	4	6	8
Capacity	52,000 lbs.	78,000 lbs.	104,000 lbs.
Rise	69" (1760 mm)		
Lifting cycles	12-14 per charge		
Column width	43" (1092 mm)		
Tire Dimensions	9"-24" (229-610 mm) truck road tires		
Clearance from fork to column	10" (254 mm)		
Speed of rise	68 seconds		
Charging voltage	110v - 240v / 50/60Hz charger*		
Battery type	NG - 24 (2 per column)		

*Call factory for alternate voltage

See page 9 for additional lift accessories

SERVICE TWO VEHICLES AT ONCE



FRAME LIFT

Frame-engaging end lift enables lifting by the front and rear of the vehicle using stacking adapters - see accessories page for more information

MACH4™ PLUS RUNWAY LIFTING SYSTEM

60,000 LBS. CAPACITY

*Convert your MCH18
into a heavy duty drive-on
lift for vehicle inspection
and service!**



Shown: MCH418U100 with
M140015 runway system attached
60,000 lbs. capacity



Shown: RJ25001L

FEATURES AND BENEFITS

Drive on runways for vehicle inspection and service
- accommodates wheelbases up to 33' (396")

Fully hydraulic operation with low electrical usage
and controls at all 4 columns

Battery operated - fully functional with power loss

Fewer moving parts - no cables or sheaves to maintain

Internal airlines included for rolling jacks and air tools

OPTIONAL 25K BRIDGE

The optional 25K bridge can be attached to the MACH4 Plus runways to create various lifting options to make it even more versatile.

SPECIFICATIONS*

MACH4 PLUS HEAVY-DUTY DRIVE-ON RUNWAYS

Capacity	60,000 lbs.
Maximum Rise Height	78" from ground to top of runway (1981mm)
Runway Height	10-3/4" (273mm)
Ramp Angle	10 degrees
Maximum Wheelbase Options	33' (10958mm)
Overall Length	40' 7-1/2" (12382mm)
Options	Rolling jack, bolt down option to locate runways
Drive Thru Columns	11'-10" between columns (3607mm)
Width Overall	15'-9" outside controls (4800mm)
Runway Width	28" (711mm)
Runway Spacing	45" (1143mm)
Power Usage	battery powered
Height of Columns	144-3/4" maximum height (3677mm)

*MACH Plus runway system is for use with MCH18 only



Shown: MCH418U100 with
M140015 runway system attached
(60,000 lbs. capacity)

ROTARY OFFERS ACCESSORIES TECHNICIANS NEED TO GET THE MOST FROM THEIR MACH MOBILE COLUMN LIFTS.

FRAME ENGAGING LIFTING KITS

Fore and aft, frame-engaging end lift enables lifting by the front and rear of the vehicle using stacking adapters. For use with two MCH18 or MCH13 series columns.



Shown: M140005 Truck Frame Kit.
15,000 lbs. capacity for MCH18 ONLY

FRAME KIT	M140005 MCH18 MODEL	M140079 MCH13 MODEL
Column configuration	2	2
Capacity	15,000 lbs.	12,000 lbs.
Rise	70" (1778 mm)	69" (1760mm)
Lifting cycles	15-20 per charge	12-14 per charge
Column width	45.5" (1156 mm)	43" (1092mm)
Tire Dimensions	9"-24" (229-610 mm)	
Clearance from fork to column	10" (254 mm)	
Speed of rise	78 seconds	68 seconds
Charging voltage	110v charger*	110v - 240v 50/60Hz charger*

*Call factory for alternate voltage.

FORK LIFT KIT

Makes it easy to service fork lifts using two MCH18 columns - easily attaches to the base of the column giving the clearance needed to raise fork lifts with a capacity of 10,000 lbs.



Shown: M140004 Forklift Ramp Kit / 10,000 lbs. capacity

EXTENDED FORK KITS

Longer forks and support legs available to support inboard tires on dual-wheeled axles. Also for use with M140004 forklift ramp kit and M140005 truck frame kit. For use on the MCH18 Series only.

22" Forks and 8" Legs: Part #M140001
20" Forks and 6" Legs: Part #M140041



Shown: M140001



LED LIGHTING

High-efficiency service lamps with single touch operation provide convenient hands-free lighting from the lift's control panel. Operates on the column's battery power.



Shown: M140082
For use on models
MCH418 and MCH413



Shown: M140002
For use on the
MCH418 ONLY

OPTIONAL WEIGHT GAUGE

Know what you are lifting instantly with this column gauge. These gauges approximate the weight being lifted by one column - converting pressure into a weight.

Shown: M140019



LARGE WHEEL KIT

Larger tires are raised on ramps to allow for proper fork placement. MCH18 and MCH13 approved.

Shown: M120304



JACK STANDS

Available in 18,000 and 33,000 lbs. capacities with spring loaded caster wheels for easy positioning and portability.



Shown: RS18
18,000 lbs. capacity tripod stand



Spring assisted height adjustment in 1" increments ranging from 56" to 82 1/4"

For more information and a complete guide to our product offering, visit us on the web at **rotarylif.com** or contact your local distributor today.



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The ROTARY LIFT® Promise

1. We have the products you need – where you need them. Promise.
2. We design and test our products to perform when you need them - without letting you down. Promise.
3. We provide the highest quality available on the market today. Promise.
4. We put our experience to work for you, so you can do what you do best. Promise.

Over the last ten years, our customer satisfaction levels have exceeded 96%! Work with us and you'll be satisfied as well.

We promise.



For Rotary Lift Government Purchases:
1.800.445.5438 x5655



www.rotarylif.com



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MACH Series lifts are manufactured using the following patents: US Patent No. 6983196 / US Patent No. 8083034



Contact us for training sessions in your area or online.