ROTARY LIFT
THE WORLD’S MOST TRUSTED LIFT

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

www.rotarylift.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?

**ANNUAL SAVINGS OF $7,604**

<table>
<thead>
<tr>
<th>HOURS / YEAR</th>
<th>SET-UP TIME</th>
<th>SET-UP TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MCH418</td>
<td>Competition</td>
</tr>
<tr>
<td>25</td>
<td>44 HOURS</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>75</td>
<td></td>
<td></td>
</tr>
<tr>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>125</td>
<td></td>
<td></td>
</tr>
<tr>
<td>150</td>
<td></td>
<td></td>
</tr>
<tr>
<td>175</td>
<td></td>
<td></td>
</tr>
<tr>
<td>200</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

170 HOURS

*Study based on technicians rate of $80/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.
**MCH18**

18,000 LBS. COLUMN CAPACITY

**MCH18 FEATURES**

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

- **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**

<table>
<thead>
<tr>
<th>MOBILE COLUMN LIFT</th>
<th>MCH418</th>
<th>MCH618</th>
<th>MCH818</th>
</tr>
</thead>
<tbody>
<tr>
<td>Column configuration</td>
<td>4</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td>Capacity</td>
<td>72,000 lbs.</td>
<td>108,000 lbs.</td>
<td>144,000 lbs.</td>
</tr>
<tr>
<td>Rise</td>
<td>70&quot; (177 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lifting cycles</td>
<td>15-20 per charge</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Column width</td>
<td>45.5&quot; (1156 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tire Dimensions</td>
<td>9&quot;-24&quot; (229-610 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clearance from fork to column</td>
<td>10&quot; (254 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speed of rise</td>
<td>78 seconds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charging voltage</td>
<td>110v charger*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Call factory for alternate voltage

See page 9 for additional lift accessories.

**Optional Wireless Column Communication**

**Tough Rubber-Coated Wheels**
Easily roll over dirt and debris that can jolt other lifts to a stop and automatically retract under load.

Shown: MCH18U100 18,000 lbs. capacity

Shown: MCH618U100 108,000 lbs. capacity

Shown: MCH418U100 72,000 lbs. capacity

Shown: MCH818U100 144,000 lbs. capacity

See page 9 for additional lift accessories.
PATENTED INTUITIVE CONTROL CONSOLE
Rotary’s exclusive control console allows the lift to be fully controlled from any column
- Multi color battery indicator
- Live height reading & error display
- Programmable height limiter
- LED light control (optional lights)
- Intuitive graphic shows column relative to vehicle
- Multicolor LED shows power, error & status for each column
- Single, paired, or all operation
- Lower to lock
- E-stop Up / Down controls Slow lower (2 speed)

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 one-handed 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

NO CABLES WIRELESS MODEL
NU BANKS

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
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

<table>
<thead>
<tr>
<th>MOBILE COLUMN LIFT</th>
<th>MCH413</th>
<th>MCH613</th>
<th>MCH813</th>
</tr>
</thead>
<tbody>
<tr>
<td>Column configuration</td>
<td>4</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td>Capacity</td>
<td>52,000 lbs.</td>
<td>79,000 lbs.</td>
<td>104,000 lbs.</td>
</tr>
<tr>
<td>Rise</td>
<td>69&quot; (1760 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lifting cycles</td>
<td>12-14 per charge</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Column width</td>
<td>43&quot; (1092 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tire Dimensions</td>
<td>9”-24” (229-610 mm) truck road tires</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clearance from fork to column</td>
<td>10” (254 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speed of rise</td>
<td>66 seconds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charging voltage</td>
<td>110v - 240v / 50/60Hz charger*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Battery type</td>
<td>NG - 24 (2 per column)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*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

Shown: MCH413U1A00 with M140079 Truck Frame Kit; 12,000 lbs. capacity
**HEAVY-DUTY DRIVE-ON RUNWAYS**

**MACH4™ PLUS**

**RUNWAY LIFTING SYSTEM**

**60,000 LBS. CAPACITY**

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

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

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**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

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**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.

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>MACH4 PLUS HEAVY-DUTY DRIVE-ON RUNWAYS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong></td>
</tr>
<tr>
<td><strong>Maximum Rise Height</strong></td>
</tr>
<tr>
<td><strong>Runway Height</strong></td>
</tr>
<tr>
<td><strong>Ramp Angle</strong></td>
</tr>
<tr>
<td><strong>Maximum Wheelbase Options</strong></td>
</tr>
<tr>
<td><strong>Overall Length</strong></td>
</tr>
<tr>
<td><strong>Options</strong></td>
</tr>
<tr>
<td><strong>Drive Thru Columns</strong></td>
</tr>
<tr>
<td><strong>Width Overall</strong></td>
</tr>
<tr>
<td><strong>Runway Width</strong></td>
</tr>
<tr>
<td><strong>Runway Spacing</strong></td>
</tr>
<tr>
<td><strong>Power Usage</strong></td>
</tr>
<tr>
<td><strong>Height of Columns</strong></td>
</tr>
</tbody>
</table>

* MACH Plus runway system is for use with MCH18 only

[1] [MACH4PlusRunwayLiftingSystem.png](attachment:MACH4PlusRunwayLiftingSystem.png)
[2] [MACH4PlusRunwayLiftingSystem_Table.png](attachment:MACH4PlusRunwayLiftingSystem_Table.png)
HEAVY-DUTY LIFT ACCESSORIES

ROBOTY 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.

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

*Call factory for alternate voltage.

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

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.

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.

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

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