ROTARY LIFT
THE WORLD’S MOST TRUSTED LIFT

Shown: MCHW618U100, 108,000 lb. capacity mobile column lift.
MOBILE COLUMN LIFTS

HEAVY DUTY MOBILE COLUMN VEHICLE LIFTS

MACH™ SERIES
MOBILE COLUMN LIFTS

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

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

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

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.

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 patented intuitive control console allows the lift to be fully controlled from any column
• Columns are battery operated so there are no power cords creating an open work area free of interference
• DC battery power creates faster lift cycle times - 78 seconds to full rise
• The patented wireless column communication eliminates communication cables creating a faster setup reducing technician’s setup time by 75%.
• The steering / braking system requires no manual operation of the jacks, saving time on every set up

Rotary Lift.
MOBILE COLUMN LIFTS INCREASE PRODUCTIVITY and save 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?

EX: SET UP TIME COMPARISON

<table>
<thead>
<tr>
<th>HOURS / YEAR</th>
<th>SET-UP TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>MCH418</td>
</tr>
<tr>
<td>170</td>
<td>Competition</td>
</tr>
</tbody>
</table>

ANNUAL SAVINGS OF $7,604*

EX: ANNUAL LABOR SAVINGS CALCULATION

1. Cost Per Labor Hour: $75.00
2. Required Hours For Typical RO: 5
   Time Savings with a MACH Lift: 30%
   Labor Savings Per RO: $112.50
3. Monthly ROs Per Bay Per Month: 20
   Hours Saved / Month: 30
   Monthly Labor Cost Savings / Lift: $2,250
4. How Many Bays? 8

ANNUAL POTENTIAL LABOR SAVINGS OF $216,000

“We wanted a product that was worth the cost and easy to use and supported our core value of safety. What we found with the Rotary lift system is that it helped reduce the number of knee injuries, back injuries and hand injuries. We did a time studies on the drive line repairs and compared that to other shops that were not using the Rotary Lift system and we found a 10 to 15% difference in cycle times.”

- James Enright, Regional Maintenance Director Schneider National

Scan this code to calculate your total potential labor savings!
MOBILE COLUMN LIFTS FEATURES and BENEFITS

MCHW18 WIRELESS MOBILE COLUMN LIFT
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!

BATTERY OPERATED WITH ON-BOARD MINN KOTA® CHARGER
During lift use, there are no power cords to clutter up the service bay with this waterproof charger - use it anywhere, even washbays
Battery purchased separately for international use

HORSESHOE WIRING - WIRED MACH SERIES LIFTS
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.

INVERTED HYDRAULIC CYLINDER
The hydraulic cylinder is inverted inside the carriage and the chrome piston rod is protected from debris and damage. This extends the life of the column and reduces maintenance frequency and cost

OPTIONAL RETRACTABLE CORD REELS

EASY TO MOVE ADJUSTABLE FORKS
Improves set up time without the need for reducer sleeves - adjustment range: 9.25” to 22”

SPRING LOADED STEERING / BRAKING SYSTEM
No need to manually operate the jacks to move the columns - saves precious time on every set up

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

FORKLIFT POCKETS

TOUGH RUBBER-COATED WHEELS
Easily roll over dirt and debris that can jolt other lifts to a stop - wheels automatically retract under load

Shown: MCH618U100 108,000 lbs. capacity

Shown: MCH18U100 108,000 lbs. capacity

Shown: MCHW418U100 18,000 lbs. capacity

Wireless model shown with optional cord reel
HEAVY-DUTY 72,000 - 144,000 LBS. CAPACITY

THE VERSATILITY OF ROTARY’S MCHW18 WIRELESS MODEL

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

PATENTED INTUITIVE CONTROL CONSOLE

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

- Multi color battery indicator
- Real-time 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 (1/3 speed)

AC POWERED LIFT OPTION

Operate your mobile lifting system without the use of batteries. Consult factory representative for details.

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” (1778 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lifting cycles</td>
<td>20 per charge*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Column width</td>
<td>45.5” (1156 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wheel Rim Size</td>
<td>9” to 24” (228 to 610 mm)</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>78 seconds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charging voltage</td>
<td>110v charger** (2.5 amps max.)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* At rated capacity  **Call factory for alternate voltage

See page 9 for lift accessories
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. This extends the life of the column and reduce maintenance frequency and cost.

- **Spring-Loaded 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.

- **BATTERY OPERATED WITH INTERNAL CHARGER**
  During use, there are no power cords to clutter up the service bay improving portability.

- **Horseshoe Wiring - Wired MACH Series Lifts**
  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.

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

- **Quick Connect Cables**
  Included with the lift, these lightweight and easy to connect cables are 33 feet long.

- **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 wheel rim sizes of 9” to 24”.

- **On-Board Charger with Lighted Status Display**
  Provides convenient and easy charging with a clearly visible status display.

- **Horseshoe Wiring**
  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.
HEAVY-DUTY 52,000 - 104,000 LBS. CAPACITY

MCH13 / 13,000 lb. COLUMN CAPACITY

MOBILE COLUMN LIFT  MCH413  MCH613  MCH813

<table>
<thead>
<tr>
<th>Column configuration</th>
<th>4</th>
<th>6</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>52,000 lbs.</td>
<td>78,000 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>16 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>Wheel Rim Size</td>
<td>9&quot; to 24&quot; (228 to 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>68 seconds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charging voltage</td>
<td>110v - 240v / 50/60Hz charger**</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*At rated capacity
**Call factory for alternate voltage

PATENTED INTUITIVE CONTROL CONSOLE
Rotary’s exclusive control console allows the lift to be fully controlled from any column

SERVICE TWO VEHICLES AT ONCE USING A SINGLE SET OF 4 COLUMNS!

MCH13 FRAME-ENGAGING LIFTING KIT
12,000 lbs. capacity fore and aft, frame-engaging end lift enables lifting by the front and rear of the vehicle using stacking adapters. MCH13 truck lift kit #M140079 is for use with two MCH13 series columns only.

See page 9 for lift accessories
**MACH4 PLUS RUNWAY LIFTING SYSTEM**

**60,000 LBS. CAPACITY**

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

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong></td>
<td>60,000 lbs.</td>
</tr>
<tr>
<td><strong>Maximum Rise Height</strong></td>
<td>78” from ground to top of runway (1981mm)</td>
</tr>
<tr>
<td><strong>Runway Height</strong></td>
<td>10.75” (273mm)</td>
</tr>
<tr>
<td><strong>Ramp Angle</strong></td>
<td>10 degrees</td>
</tr>
<tr>
<td><strong>Maximum Wheelbase Options</strong></td>
<td>33” (10958mm)</td>
</tr>
<tr>
<td><strong>Overall Length</strong></td>
<td>40” - 7.5” (12382mm)</td>
</tr>
<tr>
<td><strong>Drive Thru Columns</strong></td>
<td>11” - 10” between columns (3807mm)</td>
</tr>
<tr>
<td><strong>Width Overall</strong></td>
<td>15” - 9” outside controls (4800mm)</td>
</tr>
<tr>
<td><strong>Runway Width</strong></td>
<td>28” (711mm)</td>
</tr>
<tr>
<td><strong>Runway Spacing</strong></td>
<td>45” (1143mm)</td>
</tr>
<tr>
<td><strong>Power Usage</strong></td>
<td>battery powered</td>
</tr>
<tr>
<td><strong>Height of Columns</strong></td>
<td>144.75” maximum height (3677mm)</td>
</tr>
</tbody>
</table>

*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.

**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

*Note: MACH4 Plus runway system is for use with MCH18 only*
HEAVY-DUTY LIFT ACCESSORIES

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.

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 13,000, 18,000 and 33,000 lbs. capacities with spring loaded caster wheels for easy positioning and portability.
## Lift Application Guide

### VEHICLE CLASS

<table>
<thead>
<tr>
<th>Class</th>
<th>Gross Vehicle Weight (GVW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 1</td>
<td>Under 6,000 lbs.</td>
</tr>
<tr>
<td>Class 2</td>
<td>6,001 to 10,000 lbs.</td>
</tr>
<tr>
<td>Class 3</td>
<td>10,001 to 14,000 lbs.</td>
</tr>
<tr>
<td>Class 4</td>
<td>14,001 to 18,000 lbs.</td>
</tr>
<tr>
<td>Class 5</td>
<td>18,001 to 22,000 lbs.</td>
</tr>
<tr>
<td>Class 6</td>
<td>22,001 to 26,000 lbs.</td>
</tr>
<tr>
<td>Class 7</td>
<td>26,001 to 30,000 lbs.</td>
</tr>
<tr>
<td>Class 8</td>
<td>30,001 lbs. and over</td>
</tr>
</tbody>
</table>

### Rotory Lift Government Purchases

For more information and a complete guide to our product offering, visit us on the web at [rotarylift.com](http://rotarylift.com) or contact your local distributor today.

### North America Contact Information

Sales: 800.640.5438  
Tech. Support: 800.445.5438  
userlink@rotarylift.com  
techlink@rotarylift.com

### World Wide Contact Information

World Headquarters / USA: 1.812.273.1622  
Canada: 1.905.912.9920  
European Headquarters / Germany: +49.771.9233.0  
United Kingdom: +44.178.747.7711  
Australasia: +60.3.5192.5910  
Latin America / Caribbean: 1.812.273.1622  
Middle East / Northern Africa: +49.771.9233.0  
Southern Africa: 1.812.273.1622  
Brazil: +55.11.4534.1995

**Note:** This reference guide indicates that the noted lift is applicable to the vehicle based on typical vehicle weights, lengths, and wheelbases. All information should be verified before purchasing a lift.