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 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

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 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 MCH418</th>
<th>SET-UP TIME Competition</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td></td>
<td></td>
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<tr>
<td>175</td>
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<tr>
<td>150</td>
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<td>50</td>
<td></td>
<td></td>
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<tr>
<td>25</td>
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</tbody>
</table>

ANNUAL SAVINGS OF $7,604*

44 HOURS

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

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

Time Savings Per RO: 1.50 Hours
   Hours Saved Per Year: 360 Hours
   Annual Labor Cost Savings Per Lift: $27,000.00

ANNUAL POTENTIAL LABOR SAVINGS OF $216,000

- James Enright, Regional Maintenance Director
  Schneider National

“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 cabled 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

“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

“After extensive testing of multiple mobile column lifts, I chose the Rotary MACH4 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

SCAN THIS CODE TO CALCULATE YOUR TOTAL POTENTIAL LABOR SAVINGS!

www.rotarylift.com/LIFTS/Mobile-Columns/#calculator2
**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**

**FORKLIFT POCKETS**

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

**TOUGH RUBBER-COATED WHEELS**

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

OPTIONAL RETRACTABLE CORD REELS
STANDARD ON WIRED UNITS
OPTIONAL ON WIRELESS MODELS
With quick lock connections providing easy one-handed connectivity between columns, don’t waste time handling cables every time you use the lift.

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>
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<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
MOBILE COLUMN LIFTS FEATURES and BENEFITS

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.

**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 accomodate approximate wheel rim sizes of 9” to 24”.

**ON-BOARD CHARGER WITH LIGHTED STATUS DISPLAY**

Shown: MCH13U1A00 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.

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
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!*

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*

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

* MACH4 Plus runway system is for use with MCH18 only
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.

### FRAME KIT M140005 MCH18 MODEL M140079 MCH13 MODEL

<table>
<thead>
<tr>
<th>Column configuration</th>
<th>2</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity (lbs.)</td>
<td>15,000</td>
<td>12,000</td>
</tr>
<tr>
<td>Rise (mm)</td>
<td>70&quot; (1778)</td>
<td>69&quot; (1760)</td>
</tr>
<tr>
<td>Clearance from fork to column (mm)</td>
<td>10&quot; (254)</td>
<td></td>
</tr>
<tr>
<td>Speed of rise (sec.)</td>
<td>78</td>
<td>68</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.

### 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: M140005 Truck Frame Kit. 15,000 lbs. capacity for MCH18 UNLY

Shown: M140005 Forklift Ramp Kit / 10,000 lbs. capacity
### LIFT APPLICATION GUIDE

**Vehicle Class**

**GVW:** Gross Vehicle Weight

<table>
<thead>
<tr>
<th>VEHICLE CLASS</th>
<th>6,000 lbs.</th>
<th>10,000 lbs.</th>
<th>12,000 lbs.</th>
<th>15,000 lbs.</th>
<th>18,000 lbs.</th>
<th>20,000 lbs.</th>
<th>25,000 lbs.</th>
<th>30,000 lbs.</th>
<th>40,000 lbs.</th>
<th>50,000 lbs.</th>
<th>60,000 lbs.</th>
<th>70,000 lbs.</th>
<th>80,000 lbs.</th>
<th>90,000 lbs.</th>
<th>100,000 lbs.</th>
<th>105,000 lbs.</th>
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</thead>
</table>
| CLASS 1 (Under 6,000 lbs. GVW) | ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●...(continued)