Mobile Column
HEAVY DUTY LIFTING SYSTEMS

Shown: MCHF419U1A00 / Wireless remote-controlled model

www.rotarylift.com
Battery operated with on-board charger - no power cords to clutter up the service bay. Batteries purchased separately for international use.

Inverted hydraulic cylinder rod located inside the carriage, protects chrome piston rod from debris and damage.

Easy to move adjustable forks improve set up time. Adjustment range: 9.25” to 22”

Spring loaded steering and braking system eliminates the need to manually operate the jacks. Prevents movement on sloped floors.

Forklift pockets provide convenient way to relocate columns within your shop.

Exclusive LOCK LIGHT™ indicates when a column is on its safety locks.

Ergonomic, wireless hand-held remote control walks the technician through the system set up. Status lights indicate standby or paired columns.

Controller includes:
- On/off power button with info screen
- 2-speed joystick control with convenient auto resume
- Single lower-to-lock button with E-stop control
- Remote battery indicator
- Press Protect™ eliminates accidental button presses
- Audible warning when operator is out of range
- 99 system IDs to eliminate communication interference
- Height and weight digital display gauge displays
- Software upgrades can be made wirelessly

FLEXMAX single column controls allow user with remote to select and change column groups and cycle lifts from any column. Includes large screen designed for the toughest shop.

Forklift pockets provide convenient way to relocate columns within your shop.

Fore/Aft and Front End lifting modes in paired operation.

Environmentally-friendly:
- More than 98% recyclable
- Compatible with all bio fluid hydraulic oils
- Surface mounted and portable - no excavation or site prep
- Optional high efficiency LED lighting

FLEX / FLEX MAX 18,800 lb. COLUMN CAPACITIES

<table>
<thead>
<tr>
<th>MODEL</th>
<th>MCHF419</th>
<th>MCHF619</th>
</tr>
</thead>
<tbody>
<tr>
<td>Column configuration*</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Capacity per set</td>
<td>75,200 lbs.</td>
<td>112,800 lbs.</td>
</tr>
<tr>
<td>Rise</td>
<td>70” (1778 mm)</td>
<td></td>
</tr>
<tr>
<td>Column width</td>
<td>45.5” (1156 mm)</td>
<td></td>
</tr>
<tr>
<td>Wheel Rim Size</td>
<td>9” to 24” (228 to 610 mm)</td>
<td></td>
</tr>
<tr>
<td>Clearance / fork to column</td>
<td>10” (254 mm)</td>
<td></td>
</tr>
<tr>
<td>Speed of rise</td>
<td>78 seconds</td>
<td></td>
</tr>
<tr>
<td>Charging voltage</td>
<td>110v charger** (2.5 amps max.)</td>
<td></td>
</tr>
</tbody>
</table>

FLEX / FLEX MAX 14,000 lb. COLUMN CAPACITIES

<table>
<thead>
<tr>
<th>MODEL</th>
<th>MCHF414</th>
<th>MCHF614</th>
</tr>
</thead>
<tbody>
<tr>
<td>Column configuration*</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Capacity per set</td>
<td>56,000 lbs.</td>
<td>84,000 lbs.</td>
</tr>
<tr>
<td>Rise</td>
<td>68” (1700 mm)</td>
<td></td>
</tr>
<tr>
<td>Column width</td>
<td>43” (1092 mm)</td>
<td></td>
</tr>
<tr>
<td>Wheel Rim Size</td>
<td>9” to 24” (228 to 610 mm)</td>
<td></td>
</tr>
<tr>
<td>Clearance / fork to column</td>
<td>10” (254 mm)</td>
<td></td>
</tr>
<tr>
<td>Speed of rise</td>
<td>66 seconds</td>
<td></td>
</tr>
<tr>
<td>Charging voltage</td>
<td>110v charger** (2.5 amps max.)</td>
<td></td>
</tr>
</tbody>
</table>

* Two, four, six and eight column configurations are available.
** Call factory for alternate voltage
Retractable Cord Reels with Quick Connect Cables
Easy one-handed connectivity between columns, don't waste time handling cables every time you use the lift. Exclusive to 18K model.

While other mobile column lifts are connected by four cables, Rotary wired columns use just three with **Innovative Horseshoe Wiring**.
Wired MCH columns use just three cables which form a horseshoe, so the front or back of the lift is always open. Vehicles can be driven in and out of the bay without having to disconnect and reconnect cables saving time with each service.

Additional lift features include:
- Fully battery operated system with on-board charger
- Inverted hydraulic cylinder rod
- Easy to move adjustable forks
- Forklift pockets
- Spring loaded steering and braking system
- Lifts can be field upgraded to wireless!

**MODEL FEATURES:**
Column capacities at 18,000 lbs. and 13,000 lbs. in configurations of two, four, six or eight columns

**Industry exclusive intuitive control console**
- no master / slave column
MCH column controls allow the lift to be fully operated from any column.

**WIRED MACH SERIES LIFTS**
**MCH18 / MCH13**

**MOBILE LIFTING TECHNOLOGY WITH INTUITIVE CONTROLS AT EACH COLUMN**
The MACH SERIES Mobile Column lift system is the faster and easier choice for your maintenance facility. Faster because the set-up time and lifting speed beats the competitor hands down. Easier because there are fewer cords and fewer steps required by the technician to put the lift in service.

Take advantage of the power and mobility to make your repairs anywhere in your shop!

**Additional lift features include:**
- Fully battery operated system with on-board charger
- Inverted hydraulic cylinder rod
- Easy to move adjustable forks
- Forklift pockets
- Spring loaded steering and braking system

**WATCH THE PRODUCT VIDEO**
Learn more about our industry-leading lift features

**MCHWIRED618**
18,000 lbs. capacity column

**MCHWIRED413**
13,000 lbs. capacity column

**AC POWERED LIFT OPTION**
Operate your mobile lifting system without the use of batteries.
- 208/230/460 VAC available
- Sold in groups of 2 and 4 configurations
Consult factory representative for details

**Environmentally-friendly:**
- More than 98% recyclable
- Compatible with all bio fluid hydraulic oils
- Surface mounted and portable
- no excavation or site prep
- Optional high efficiency LED lighting

**MCH18 / 18,000 lb. COLUMN CAPACITIES**
<table>
<thead>
<tr>
<th>MODEL</th>
<th>MCH418</th>
<th>MCH618</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity per set</td>
<td>72,000 lbs.</td>
<td>108,000 lbs.</td>
</tr>
<tr>
<td>Rise</td>
<td>70” (1778 mm)</td>
<td></td>
</tr>
<tr>
<td>Column width</td>
<td>45.5” (1156 mm)</td>
<td></td>
</tr>
<tr>
<td>Wheel Rim Size</td>
<td>9” to 24” (228 to 610 mm)</td>
<td></td>
</tr>
<tr>
<td>Clearance / fork to column</td>
<td>10” (254 mm)</td>
<td></td>
</tr>
<tr>
<td>Speed of rise</td>
<td>78 seconds</td>
<td></td>
</tr>
<tr>
<td>Charging voltage</td>
<td>110v charger** (2.5 amps max.)</td>
<td></td>
</tr>
</tbody>
</table>

**MCH13 / 13,000 lb. COLUMN CAPACITIES**
<table>
<thead>
<tr>
<th>MODEL</th>
<th>MCH413</th>
<th>MCH613</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity per set</td>
<td>52,000 lbs.</td>
<td>78,000 lbs.</td>
</tr>
<tr>
<td>Rise</td>
<td>69” (1760 mm)</td>
<td></td>
</tr>
<tr>
<td>Column width</td>
<td>43” (1092 mm)</td>
<td></td>
</tr>
<tr>
<td>Wheel Rim Size</td>
<td>9” to 24” (228 to 610 mm)</td>
<td></td>
</tr>
<tr>
<td>Clearance / fork to column</td>
<td>10” (254 mm)</td>
<td></td>
</tr>
<tr>
<td>Speed of rise</td>
<td>68 seconds</td>
<td></td>
</tr>
<tr>
<td>Charging voltage</td>
<td>110v charger** (2.5 amps max.)</td>
<td></td>
</tr>
</tbody>
</table>

* Two, four, six and eight column configurations are available.
** Call factory for alternate voltage
EXCLUSIVE / VERSATILE DRIVE-ON CONVERSION 36,000 / 60,000 LBS. CAPACITIES

MACH4 PLUS
RUNWAY LIFTING SYSTEMS
Convert your mobile column series lifts into a heavy duty drive-on lift for vehicle inspection and wheel service.

FEATURES:
Drive on runways accommodate wheelbases up to 33’ (396”)
Fully hydraulic operation with low electrical usage and controls at all 4 columns
Super fast battery operation. No power? No problem.
Fewer moving parts – no cables or sheaves to maintain equals less maintenance and wear
Internal airlines included for optional rolling jacks and air tools

MACH4 PLUS RUNWAY SYSTEMS

<table>
<thead>
<tr>
<th>MODELS</th>
<th>M140129CG / 413K / 414K MOBILE COLUMNS</th>
<th>M140015RD / 418K / 419K MOBILE COLUMNS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lifting Capacity</td>
<td>35,900 lbs. (16,283kg) t</td>
<td>60,000 lbs. (27215kg) t</td>
</tr>
<tr>
<td>Maximum Wheelbase</td>
<td>26” (300’/7,620mm) 30’ (360’/10,922mm)</td>
<td>33’ (396’/10058mm)**</td>
</tr>
<tr>
<td>Max. Rise / Floor to top of runway</td>
<td>79” (2,007mm)</td>
<td>78” (1981mm)</td>
</tr>
<tr>
<td>Length Overall</td>
<td>33” 11-3/4” (10,355mm) 38” 11-3/4” (11,982mm)</td>
<td>40” 7-1/2” (12382mm)</td>
</tr>
<tr>
<td>Width Overall - outside controls</td>
<td>16” 3-3/8” (4963mm)</td>
<td>16” 11” (4851mm)</td>
</tr>
<tr>
<td>Height of Columns when raised</td>
<td>8” (2260mm)</td>
<td>14” - 3/4” (3677mm)</td>
</tr>
<tr>
<td>Width of Runways</td>
<td>28” (711mm)</td>
<td>28” (711mm)</td>
</tr>
<tr>
<td>Drive Thru Between Columns</td>
<td>12’-4” (3607mm)</td>
<td>11’-10” (3601mm)</td>
</tr>
<tr>
<td>Runway Spacing</td>
<td>45’ (1143mm)</td>
<td>45” (1143mm)</td>
</tr>
<tr>
<td>Rise Time</td>
<td>68 seconds</td>
<td>78 seconds</td>
</tr>
<tr>
<td>Ramp Angle</td>
<td>7 degrees</td>
<td>10 degrees</td>
</tr>
<tr>
<td>Power Usage</td>
<td>Battery powered Batteries Charged on 110V</td>
<td>Battery powered Batteries Charged on 110V</td>
</tr>
</tbody>
</table>

t With MCH3 SERIES and FLEX 14 SERIES LIFTS  † With MCH18 SERIES and FLEX 189 SERIES LIFTS
*Both 25’ and 30’ runway length models are available as 35,900 lbs. capacity lifts
**Both 28’ and 33’ runway length models are available as 60,000 lbs. capacity lifts

OPTIONAL RUNWAY LIFT ACCESSORIES

Rolling Bridge Jacks
Air operated rolling bridge jacks can be attached to the runways creating additional lifting options for greater versatility.

FOR 36,000 lbs. CAPACITY LIFTS
RJ14ABK / 14,000 lbs. (6350kg) with lock
RJ25BK / 25,000 lbs. (11363 kg) with lock

FOR 60,000 lbs. CAPACITY LIFTS
RJ14ABK / 14,000 lbs. (6350kg) with lock
RJ30BK / 30,000 lbs. (13610 kg) with lock

Portable Maintenance Jack Stands
RS20YL / Screw-Type Adjustable 56.1”-82.3” / 20,000 lbs. Capacity
RS20WYL / Welded Version of RS20YL
RS2052SYL / Screw-Type Adjustable 34.3” - 55.5” / 20,000 lbs. Capacity
RS36SYL / Screw-Type Adjustable 55.3”-82.2” / 36,000 lbs. Capacity

Air Operated Tire and Wheel Lifts
Offers maximum maneuverability and adjustable lifting and lowering speeds. Provides technicians with responsive and easy positioning of the tire and wheel and a quick transfer to the wheel balancer. Includes air hose and auxiliary air tool connection.

MW-200 / 200 lbs. capacity
MW-500 / 500 lbs. capacity

LED Runway Lighting Kit
FA5700 / TECH LIGHT Line Light 4
Attach the four 54” light wands to runways for effective, efficient lighting where you need it. Lighting unit includes 60V power supply unit 16’ cable lengths 8 magnetic suspensions 120V AC input voltage at 60Hz

Drive-Thru Ramp Kit
M140099RD / 10’ Ramps
Adding a drive-thru ramp kit creates a quick and easy on-off service operation for service bays.

For MACH and Flex Series Column Lifts

M140129
36,000 lbs. capacity
For MCH413 and Flex 14 Mobile Columns
Maximum wheel base 33’

M140015
60,000 lbs. capacity
For MCH418 and Flex 19 Mobile Columns
Maximum wheel base 33’
Rotary Lift makes it easy to service fork lifts using two 18,000 lbs. or 18,800 lbs. capacity mobile columns. The portable, open platform design easily attaches to the base of the two columns giving the clearance needed to safely raise and service Class II fork lifts. Drive-on / back off or drive-thru operation.

**Service forklifts safely with less downtime**

Rotary Lift makes it easy to service fork lifts using two 18,000 lbs. or 18,800 lbs. capacity mobile columns. The portable, open platform design easily attaches to the base of the two columns giving the clearance needed to safely raise and service Class II fork lifts. Drive-on / back off or drive-thru operation.

**PADDED RISERS MAKE SAFE CONTACT WITH FORKLIFT FRAME**

Service motors, axles, wheels, tanks, hoses, drive trains, and more.

- **M140177**
  - Kit to convert M140004/M140124 into a three wheel system shown below.

- **M140012**
  - Same as above for Drive-through operation

- **M110175**
  - Forklift cart for easy mobility of forklift kits

### FORKLIFT RAMPS KITS

<table>
<thead>
<tr>
<th>Model</th>
<th>M140004 / M140124</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity per set</td>
<td>18,000 lbs.</td>
</tr>
<tr>
<td>Rise</td>
<td>70&quot; (1760 mm)</td>
</tr>
<tr>
<td>Column height at full rise</td>
<td>144&quot;</td>
</tr>
<tr>
<td>Overall width</td>
<td>Adjustable</td>
</tr>
<tr>
<td>Overall length</td>
<td>142&quot;</td>
</tr>
<tr>
<td>Platform height</td>
<td>7 1/2&quot;</td>
</tr>
<tr>
<td>Runway width</td>
<td>15&quot;</td>
</tr>
<tr>
<td>Fork to column clearance</td>
<td>10&quot; (254 mm)</td>
</tr>
<tr>
<td>Speed of rise</td>
<td>68 seconds</td>
</tr>
<tr>
<td>Charging voltage</td>
<td>110v charger* (2.5 amps max.)</td>
</tr>
</tbody>
</table>

* Call factory for alternate voltage

- **M140124**
  - 18,000 lb. capacity lift

- **M140168YL**
  - The widest reach in the industry for use with two MCH18 or MCH19 Flex series columns or for use with two MCH13 or MCH14 Flex series columns
  - Maximum capacity: 18,000 lbs.
  - Rise height: 70"

- **M10108BK**
  - Storage cart for lifting kits

**FORKLIFT SERVICE**

**M140004 / M140124**

Forklift ramps kits / 18,000 lbs. capacity

**FRAME-ENGAGING 18,000 LBS. CAPACITIES**

**LIFTING KITS**

**FORE and AFT END LIFT KITS**

Frame-engaging end lift kits enable lifting by the front and rear of the vehicle using stacking adapters.

**THERE’S NO NEED TO BOLT TO SHOP FLOOR WITH QUICK AND EASY INSTALLATION. USE IT IN ANY SHOP ENVIRONMENT – DISASSEMBLES FOR A GREATER WORK AREA.**

**SERVICE TWO VEHICLES AT ONCE USING A SINGLE SET OF 4 COLUMNS!**
FRAME-ENGAGING CROSS BEAM KITS
21,000 TO 32,000 LBS. CAPACITIES

Pick up buses, RVs and more with wheels-free, frame-engaging cross beam kits. Beam vehicle spotting allows technicians to service wheels and tires with ease.

LOW PROFILE M140070YL
30,000 lbs Capacity at maximum 49” adapter spread
21,000 lbs Capacity at minimum 25” adapter spread
SUPPLIED WITH TWO (2) SUPPORT BLOCKS PER BEAM

WARNING:
Never raise just one end of the vehicle.
Never exceed rated capacity.
Refer to operating instructions supplied with lift for proper lifting procedures.
Operate mobile column lifts to desired height.
Always use safety stands as needed or when installing or removing heavy components.

CAUTION:
Never use a bent or damaged crossbeam. Always have an authorized installer make any repairs or replacements.
Crossbeams are not to be used as wheel engagement lifts.
Do not change or modify the crossbeam in any manner.

All kits are designed for use with the MACH418 or MCHFlex419 Series lifts

Adapters need to be equally spaced off each lift and frame should be centered between lifts to help prevent offset loading. Always ensure adapters have proper frame engagement.

Simply push crossbeam lift adapter into desired position under vehicle.
Push the mobile column fork arms into beam ends completely until ends of crossbeam rest on the heel of the forks. Raise crossbeam and adjust adapters to contact the frame at proper lifting point.
**RAMP STYLE KIT DESIGNED TO SERVICE SNOW REMOVAL TRUCKS WITH WINGPLOWS**

**FD2448KITYL**

**28,000 lbs Capacity / 154” DRIVE-THRU WIDTH**

**DRIVE-ON, 26” WIDE RAMPS WITH WHEEL CHOCS**

**RAMP STYLE KIT DESIGNED TO SERVICE SNOW REMOVAL TRUCKS WITH WINGPLOWS**

**FD2353KITYL**

**22,000 lbs Capacity / 130” DRIVE-THRU WIDTH**

**DRIVE-ON, 26” WIDE RAMPS WITH WHEEL CHOCS**

**RAMP STYLE KIT DESIGNED FOR RV PICK-UP**
OPTIONAL LIFT ACCESSORIES

M140112 / Locklight™ Safety Light / MCH Kit
Light indicates when lift is set on its locks
Compatible/retrofittable with DC versions of MCH13 and MCH18 columns

M140115 / Locklight™ Safety Light / MCH Kit
Light indicates when lift is set on its locks
For AC mobile columns and MCH columns with pre-installed pressure gauges

M140171BK / 24V DC LED Service Lamp Kit
Operates on column's battery power. Includes 2 lamps.

M140001RD / Long Fork Kit
Each kit includes two 22" forks and two 8" leg extensions
Reduces capacity of column to 10,000 lbs.
For 18k MCH and 19k Flex Models

M140041RD / Long Fork Kit
Each kit includes two 20" forks and two 8" leg extensions
Reduces capacity of column to 14,500 lbs.
For 18k MCH and 19k Flex Models

M110175 / Forklift cart for forklift kits

M120304BK / Large wheel adapter (per column)

M140017 / Analog Weight Gauge Kit for MCH/RCH Series Lifts

M140107 / Analog Weight Gauge for MCH13 columns

M140157 / Analog Weight Gauge Kit for FLEX columns only

M140003 / Pendant Control
For MCH Mobile Column Lift System - With 33' cable

M140014 / Service Chip for standard wired and wireless MCHs

M140148BK / Large wheel adapter 

M100005 / Rotary programming tool for heavy duty lifts
Software for laptop running Windows XP/7/8/10 (Laptop not included)

M140024 / Wireless Upgrade Kit
Upgrades a single column. Not available on AC18 or MCH13 lifts

Global Contact Information
USA: 1.812.273.1622
Canada: 1.905.812.9920
Latin America / Caribbean: 1.812.273.1622
Brazil: +55.11.4534.1995

For additional information:
rotarylift.com/Government-Purchasing-Assistance/

Benefits of Mobile Columns
To put it simply, mobile columns make life easier for you and your technicians.

Want more?
See what our customers have to say.

“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.”
- James Enright
Regional Maintenance Director Schneider National

“After extensive testing of multiple mobile column lifts, I chose Rotary mobile lifts 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.”
- Daniel S. Corbin
Fleet Operations Manager
Summerville, South Carolina

“The thing that really stood out for us was the remote control. We did not see that anyone else would offer that, I think that its definitely helped us be more efficient. Would I recommend Rotary’s FLEX series mobile columns? I absolutely would. The quality is there. The service is there. The parts are available and they’re an American company.”
- Mitch Corwin
Transportation Supervisor
New Albany Floyd County Consolidated School System, New Albany, IN

“Rotary has been a Godsend to us because the main thing is we get vehicles repaired and back on the road quicker. Our down list that we get every day has shrunk to a quarter of the size that is used to be...it makes a huge, huge difference.”
- George Jacobs
President, Windy City Limousine and Bus Chicago, IL

Choose the right lift for your shop.
Rotary Lift.

Lit# MOBILE SERIES Brochure_2020.07
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