Mobile Column
HEAVY DUTY LIFTING SYSTEMS

Innovative
Red Fire
Mobile
Versatile
HEAVY DUTY
ENVIRONMENTALLY FRIENDLY
Wireless
Productive
World
MACH
Buy America
Career Extender
Best Techs
Employee Retention
Reliable
Legendary
Dependable
Ergonomic
FLEET
Performance
Remote controlled
Battery
Efficient
ENVIROMENTALLY FRIENDLY
Wireless
Employee Retention
Adjustable
Flex
Innovative
FAST
TM
TM
Patented

www.rotarylift.com

Shown: MCHF419U1A00 / Wireless remote-controlled model
Battery operated with on-board charger - no power cords to clutter up the service bay.

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.

No lost remotes with find remote button.

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

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 or on system wake-up
- 99 system IDs to eliminate communication interference

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

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

**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>45.9” (1166 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>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

Batteries purchased separately for international use.

**See how fast and easy it is to set up and operate FLEX lifts**

**WATCH THE PRODUCT VIDEO**
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. Quick connect cables are lightweight low voltage, easy to connect and are 33 feet long.

While other mobile column lifts are connected by four cables, Rotary wired columns use just three with Innovative Horseshoe Wiring. Three cables 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.

THE FASTEST and EASIEST IN THE MARKET.

Additional lift features include:
- Fully battery operated system with on-board charger
- Cylinder rod inside carriage
- Easy to move adjustable forks
- Forklift pockets
- Spring loaded steering and braking system

Rubber-coated steel wheels
Optional LOCK LIGHT™

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

ENVIRONMENTALLY-FRIENDLY:
- Surface mounted and portable - no excavation or site prep
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Additional lift features include:
- Fully battery operated system
- With on-board charger
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Optional LOCK LIGHT™

WATCH THE PRODUCT VIDEO
Learn more about our industry-leading lift features
VERSATILE DRIVE-ON PLATFORMS 35,900 / 60,000 LBS. CAPACITIES

MACH 4 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

MACH 4 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>Runway Length</td>
<td>25’ (300”/ 7,620mm) t</td>
<td>30’ (360”/ 9144mm) t</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 - outside controls</td>
<td>33” 11-3/4” (10,358mm)</td>
<td>38” 11-3/4” (11,882mm)</td>
</tr>
<tr>
<td>Width Overall - outside controls</td>
<td>16” 3-3/8” (463mm)</td>
<td>15” “ (485mm)</td>
</tr>
<tr>
<td>Height of Columns when raised</td>
<td>89” (2260mm)</td>
<td>144 - 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” (3607mm)</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 Charges on 110V</td>
<td>Battery powered Charges on 110V</td>
</tr>
</tbody>
</table>

† WITH MCH 13 SERIES and FLEX 14 SERIES LIFTS  † † WITH MCH 18 SERIES and FLEX 19 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
An optional rolling bridge jack can be attached to the runways creating additional lifting options for greater versatility.

FOR 35,900 lbs. CAPACITY LIFTS
#RJ140LBK / 14,000 lbs. capacity jack
#RJ22001LBK / 22,000 lbs. capacity jack

FOR 60,000 lbs. CAPACITY LIFTS
#RJ26001L / 25,000 lbs. capacity jack
#RJ30001L / 30,000 lbs. capacity jack

Portable Maintenance Jack Stands
RS13YL / Adjustable
56” - 82.3” Range / 13,000 lbs. Capacity
RS18YL / Adjustable
56” - 82.3” Range / 18,000 lbs. Capacity
RS19WYL / Welded Version of RS18YL
RS1852SYL / Adjustable
34” - 55.5” Range / 18,000 lbs. Capacity
RS2052SYL / Adjustable
39” - 64” Range / 20,000 lbs. Capacity
RS36SYL / Adjustable
55.3” - 82.28” Range / 36,000 lbs. Capacity

Height adjustment in 1” increments with 4” fine-tuning
All jack stands meet the required ASME PASE-2014 safety requirements for portable service equipment
Always use safety stands when installing or removing heavy components

For MACH and Flex Series Column Lifts

M140015RD
60,000 lbs. capacity lift

M140129CG
35,900 lbs. capacity
Maximum wheel base 30’
MACH13 and Flex14 application

M140015RD
60,000 lbs. capacity
Maximum wheel base 33’
MACH18 and Flex19 application

Air Operated Tire and Wheel Lifts
Offers maximum maneuverability and adjustable lift and lowering speeds. Provides technicians with easy positioning of the tire and wheel, easy alignment of the wheel and hub 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 64” 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.
FRAME-ENGAGING 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.

M140005YL
For use with two MCH18 or MCH19Flex series columns
Maximum capacity: 15,000 lbs.
Rise height: 70”

M140079YL
For use with two MCH13 or MCH14 Flex series columns
Maximum capacity: 12,000 lbs.
Rise height: 69”

OPTIONAL M110108BK
Storage cart for lifting kits

FORKLIFT SERVICE FORKLIFT RAMP KITS
Service forklifts safely with less downtime
Rotary Lift makes it easy to service 3 and 4-wheeled 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.

M140124RD / 18,000 lbs. capacity
Ramp Kit used with MCH218 or MCHFlex219 series lifts
Drive-on / Back-off operation

M140004RD / 10,000 lbs. capacity
Drive-on / Back-off operation

M110175
Forklift cart for easy mobility of forklift kits

FORKLIFT RAMPS KITS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>M140004RD / M140124RD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity per set</td>
<td>10,000 lbs. / 18,000 lbs.</td>
</tr>
<tr>
<td>Rise</td>
<td>70” (1760 mm)</td>
</tr>
<tr>
<td>Column height at full rise</td>
<td>144”</td>
</tr>
<tr>
<td>Overall width</td>
<td>Adjustable</td>
</tr>
<tr>
<td>Overall length</td>
<td>142”</td>
</tr>
<tr>
<td>Platform height</td>
<td>7 1/2”</td>
</tr>
<tr>
<td>Runway width</td>
<td>15”</td>
</tr>
<tr>
<td>Fork to column clearance</td>
<td>10” (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
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.
BEAMS SOLD SEPARATELY – ONE BEAM PER PART NUMBER.
CAN BE USED IN SETS OF TWO.
SADDLE BEAM
ML41YL

32,000 lbs. capacity
at maximum 79" adapter spread
24,000 lbs. capacity
at minimum 49" adapter spread

SUPPLIED WITH TWO (2) SUPPORT BLOCKS PER BEAM.
BEAMS SOLD SEPARATELY - ONE BEAM PER PART NUMBER.
CAN BE USED IN SETS OF TWO.

Drive-on ramp style kits

FD2448KITYL

28,000 lbs Capacity / 154" DRIVE-THRU WIDTH
DRIVE-ON, 26" WIDE RAMPS WITH WHEEL CHOCKS

RAMP STYLE KIT DESIGNED TO SERVICE
SNOW REMOVAL TRUCKS WITH WINGPLOWS
BEAMS SOLD SEPARATELY - ONE BEAM PER PART NUMBER.
CAN BE USED IN SETS OF TWO FOR PLATFORM LIFTING.

FD2353KITYL

22,000 lbs Capacity / 130" DRIVE-THRU WIDTH
DRIVE-ON, 26" WIDE RAMPS WITH WHEEL CHOCKS

RAMP STYLE KIT DESIGNED FOR RV or
RECESSED WHEEL PICKUP
BEAMS SOLD SEPARATELY - ONE BEAM PER PART NUMBER.
CAN BE USED IN SETS OF TWO FOR PLATFORM LIFTING.
**OPTIONAL LIFT ACCESSORIES**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>M140112</td>
<td>Locklight™ Safety Light / MCH Kit</td>
<td>Light indicates when lift is set on its locks. Compatible/retrofittable with DC versions of MCH13 and MCH18 columns</td>
</tr>
<tr>
<td>M140115</td>
<td>Locklight™ Safety Light / MCH Kit</td>
<td>Light indicates when lift is set on its locks. For AC mobile columns and MCH columns with pre-installed pressure gauges</td>
</tr>
<tr>
<td>M140148BK</td>
<td>24V DC LED Service Lamp Kit</td>
<td>Operates on column’s battery power. Includes 2 lamps.</td>
</tr>
<tr>
<td>M140010RD</td>
<td>Long Fork Kit</td>
<td>Each kit includes two 22” forks and two 8” leg extensions. Reduces capacity of column to 12,000 lbs. For 18K MCH and 19K Flex Models</td>
</tr>
<tr>
<td>M140041RD</td>
<td>Long Fork Kit</td>
<td>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</td>
</tr>
<tr>
<td>M120304BK</td>
<td>Large wheel adapter</td>
<td>(per column)</td>
</tr>
<tr>
<td>M140157</td>
<td>Analog Weight Gauge Kit</td>
<td>For MCH/RCH Series Lifts</td>
</tr>
<tr>
<td>M140107</td>
<td>Analog Weight Gauge</td>
<td>For MCH13 columns</td>
</tr>
<tr>
<td>M140190</td>
<td>Pallet Jack Assembly</td>
<td>Available on 13k-19k MCH lift columns. Black only.</td>
</tr>
<tr>
<td>M140003</td>
<td>Pendant Control</td>
<td>For MCH Mobile Column Lift System - With 33’ cable</td>
</tr>
<tr>
<td>M140041</td>
<td>Service Chip</td>
<td>For standard wired and wireless MACH columns</td>
</tr>
<tr>
<td>M140044</td>
<td>Service Chip</td>
<td>For FLEX columns only</td>
</tr>
<tr>
<td>AC100005</td>
<td>Rotary programming tool for heavy duty lifts</td>
<td>Software for laptop running Windows XP/7/8/10 (Laptop not included)</td>
</tr>
<tr>
<td>M140024</td>
<td>Wireless Upgrade Kit</td>
<td>Upgrades a single column.</td>
</tr>
</tbody>
</table>

## Benefits of Rotary 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.**