







MACH SERIES MOBILE COLUMN LIFTS

Keep your bays productive, your revenue streaming and your trucks back on the road.

Productivity is the key for any shop and reliable Rotary 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 **NEW MACH FLEX** lifts powered by **Red Fire** are the industry's ultimate mobile column lifting system. Versatile, wireless **MACH FLEX** lifts are an easy to operate **remote-controlled system** with an increased lifting capacity. The hand-held remote shortens our already fast set up time giving you the mobility to make repairs anywhere in your shop while moving around the vehicle during operation.

MACH SERIES features:

- Wireless columns communicate without cables increasing technician set up times.
 (MCHFLEX19 / MCHFLEX14 / MCHW18 models)
- Exclusive column control console allows the lift to be fully controlled from any column. (MCHW18 / MCH18 / MCH13 models)
- DC battery power creates the fastest lift cycle times while requiring no power cords creating an open work area free of interference.
- Direct hydraulic cylinder lifting. The cylinder and chrome piston rod is protected inside the carriage from debris and damage. No required monthly maintenance.
- The exclusive automatic steering and braking system requires no manual operation saving time on every set up.
- Lifts and components are cycle tested for at least 20,000 cycles at rated load, giving you a robust, proven and quality tested lift that won't let you down.
- The MACH system remembers its location and channel reading no need to reconfigure columns.

Environmentally-friendly:

- Surface mounted and portable no excavation or site prep
- Battery operated with an onboard 110v charger
- Optional high efficiency LED lighting saves electricity
- Compatible with all bio fluid hydraulic oils
- More than 98% recyclable

Trusted MACH Series lifts are gold certified and meet the ANSI/ALI ALCTV 2011 standard, including the required third party validation.



Rotary DESIGN ADVANTAGE

PRODUCTIVITY & PERFORMANCE

Faster set-up times and lifting speed beats the competitor hands down!

Easier with fewer steps required by the technician to put the lift in service!

Safer with adjustable forks for different wheel sizes - lift with confidence!

Two, four, six or eight column sets with a capacity range of 13,000 lbs to over 150,000 lbs!



Government agencies, municipalities, truck repair centers and commercial fleets all find what they need in Rotary mobile lifts.

"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 study 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

"Clovis Unified School District purchased the MACH Wireless Lift System and have used these lifts continuously on our 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



"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

ROTARY MOBILE COLUMN LIFTS INCREASE TECH PRODUCTIVITY SAVING YOUR FACILITY TIME AND INCREASING YOUR BOTTOM LINE.

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: 15%
 Labor Savings Per RO: \$112.50
- 3 Monthly ROs Per Bay Per Month: 20
 Hours Saved / Month: 15
 Monthly Labor Cost Savings / Lift: \$1,125

4 How Many Bays? 8

Time Savings Per RO:

.75 Hours

Hours Saved

PerYear: 180 Hours

Annual Labor Cost Savings Per Lift: \$13,500.00

ANNUAL POTENTIAL \$108,000
LABOR SAVINGS OF



SCAN THIS CODE TO CALCULATE YOUR TOTAL POTENTIAL LABOR SAVINGS!

www.rotarylift.com/LIFTS/Mobile-Columns/



MACHFLEX WIRELESS MOBILE COLUMN LIFT WITH INCREASED COLUMN CAPACITY

FASTER, EASIER, MORE POWERFUL

MACH FLEX™powered by Red Fire gives you unmatched lifting versatility, mobility and flexibility!

REMOTE CONTROL TECHNOLOGY with exclusive software means FASTER SETUP and EASY OPERATION.

Remote-controlled system gives you the mobility to make service repairs anywhere in your shop while technicians follow control commands. Not waiting at each column to sync before moving to the next column saves critical set up time on



New industrial grade controller shows each lift column with yellow indicator light while pairing, and green light once columns are ready to go.

Controller includes:

- On/off power button
- Info screen
- 2-speed joystick control for up /down movement
- Single lower-to-lock button
- E-stop control
- Remote battery indicator
- Convenient auto resume
- Press Protect[™] eliminates accidental button presses and preserves battery life
- Audible warning when operator is getting out of operational range





The NEW MACH FLEX includes these standard features:

- Column capacities at 18,800 lbs. and 14,000 lbs.
- Ergonomic wireless hand-held remote control

99 system IDs to eliminate communication interference

- Software upgrades can be made wirelessly
- Height and weight digital display gauge displays
- 1 BATTERY OPERATED WITH ON-BOARD CHARGER

During lift use, there are no power cords to clutter up the service bay.

Batteries purchased separately for international use

- PROTECTED HYDRAULIC CYLINDER ROD
 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.
- 3 EASY TO MOVE ADJUSTABLE FORKS Improves set up time without the need to install reducer sleeves - adjustment range: 9.25" to 22"
- 4 SPRING LOADED STEERING AND BRAKING SYSTEM

No need to manually operate the jacks to raise and move columns saving set up time. Prevents movement on sloped floors.

- **5 FORKLIFT POCKETS**Provides a fast and convenient way to relocate columns within your shop.
- 6 TOUGH RUBBER-COATED STEEL WHEELS
 Easily roll over dirt and debris that can jolt other lifts
 to a stop wheels automatically retract under load
- **7** LOCK LIGHT™LOCK INDICATOR



Rotary's exclusive LockLight indicates when a column is on it's mechanical safety locks.

8 UPDATED SINGLE COLUMN CONTROLS

Easy to use control panels on the columns include a large information screen.





Industrial control buttons for the toughest shop environments.



MCHFLEX / 18,800 lb. / 14,000 lb. COLUMN CAPACITIES

MOBILE LIFT	MCHF419	MCHF619	MCHF414	MCHF614	
Column configuration*	4	6	4	6	
Capacity per set	75,200 lbs.	112,800 lbs.	56,000 lbs.	84,000 lbs.	
Rise	70" (1778 mm)		69" (1760 mm)		
Column width	45.5" (1156 mm)		43" (1092 mm)		
Wheel Rim Size	9"to 24" (228 to 610 mm)				
Clearance from fork to column	10" (254 mm)				
Speed of rise	78 seconds		68 sec	68 seconds	
Charging voltage	110v charger** (2.5 amps max.)				

^{*} Two, four, six and eight column configurations are available. See accessories page for 2-column lifting kits.

** Call factory for alternate voltage

MCHW18 WIRELESS MOBILE COLUMN LIFT 18,000 LBS. COLUMN CAPACITY

Rotary's versatile MCHW18 Wireless mobile column lift gives you the power and mobility to make your repairs anywhere in your shop.

EXCLUSIVE WIRELESS OPERATION BENEFITS:

Wireless column communication *eliminates communication cables creating a faster setup reducing technicians' setup time by 75%.*

Position memory - no need to configure columns for each lifting cycle...set it and forget it.

Automatically re-establishes communication between columns if signal is dropped - no need to reset communication errors.

On-board diagnostics with easy-to-read LEDs.

WIRED MODELS FEATURE

RETRACTABLE CORD REELS

With quick lock connections providing easy onehanded connectivity between columns, don't waste time handling cables every time you use the lift.

STANDARD ON WIRED UNITS

INNOVATIVE HORSESHOE WIRING

While other mobile column lifts are connected by four cables, the wired MACH 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 having to disconnect and reconnect cables.

AC POWERED LIFT OPTION

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





108,000 lbs. CAPACITY

MCHW18 FEATURES

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

1 BATTERY OPERATED WITH ON-BOARD CHARGER

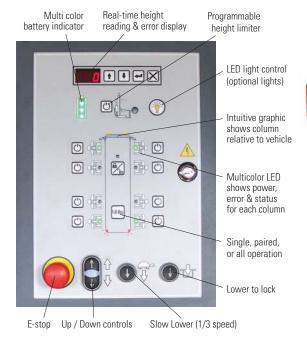
During lift use, there are no power cords to clutter up the service bay. Batteries purchased separately for international use

2 PROTECTED HYDRAULIC CYLINDER ROD

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

- **3** WIRELESS COLUMN COMMUNICATION
- 4 EASY TO MOVE ADJUSTABLE FORKS
 Improves set up time without the need for reducer sleeves adjustment range: 9.25" to 22"
- 5 SPRING LOADED STEERING AND BRAKING SYSTEM
 No need to manually operate a pallet jack to move the columns
 saves precious time every time you move
- 6 FORKLIFT POCKETS
 Provides a fast and convenient way to relocate columns.
- 7 TOUGH RUBBER-COATED STEEL WHEELS
 Easily roll over dirt and debris that can jolt other lifts
 to a stop wheels automatically retract under load
- **8** INTUITIVE CONTROL CONSOLE

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





MCHW18 / 18,000 lb. COLUMN CAPACITY

MOBILE LIFT	MCHW418	MCHW618	MCHW818
Column configuration*	4	6	8
Capacity per set	72,000 lbs.	108,000 lbs.	144,000 lbs.
Rise	70" (1778 mm)		
Column width	45.5" (1156 mm)		
Wheel Rim Size	9"to 24" (228 to 610 mm)		
Clearance from fork to column	10" (254 mm)		
Speed of rise	78 seconds		
Charging voltage	110v charger* (2.5 amps max.)		

^{*} Two, four, six and eight column configurations are available. See accessories page for 2-column lifting kits.

^{**}Call factory for alternate charging voltage / Contact factory for wired model specifications

ROTARY

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ENVIRONMENTALLY:

BATTERY

Shown: MCH213U1A00

MCH13 WIRED MOBILE COLUMN LIFT 13,000 LBS. COLUMN CAPACITY

Two, four, six or eight column configurations can accomodate heavy duty trucks up to 104,000 pounds!

MACH13 mobile column lifts give you the option of not being tied to a bay. Easy to use design gives techs the option to control lift from any column.

Boasting most of the same great features as the MCH18, this wired mobile lift is the perfect combination of capacity, features and value. Lift trucks and light duty vehicles with speed and ease.



1 BATTERY OPERATED WITH INTERNAL CHARGER AND LIGHTED STATUS DISPLAY

During use, there are no power cords improving portability.

2 PROTECTED HYDRAULIC CYLINDER ROD

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 operate a pallet jack up to move the columns in and out saving time on every set up. Rubber-coated steering wheels easily roll over dirt and debris.

4 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".

5 FORKLIFT POCKETS

Provides a fast and convenient way to relocate columns within your shop.

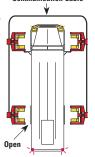
6 QUICK CONNECT CABLES / HORESHOE WIRING

Included with the lift, these lightweight and easy to connect cables are 33 feet long. 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.



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

Exclusive featured equipment for both MCH18 and MCH13 series lifts.



Communication Cable



Shown: MCH413U1A00

52,000 lbs. CAPACITY

MOBILE LIFT	MCH413	MCH613	MCH813
Column configuration*	4	6	8
Capacity per set	52,000 lbs.	78,000 lbs.	104,000 lbs.
Rise	69" (1760 mm)		
Column width	43" (1092 mm)		
Wheel Rim Size	9"to 24" (228 to 610 mm)		
Clearance from fork to column	10" (254 mm)		
Speed of rise	68 seconds		
Charging voltage	110v - 240v / 50/60Hz charger		

^{*} Two, four, six and eight column configurations are available. See accessories page for 2-column lifting kits.

MACH4PLUS RUNWAY LIFTING SYSTEMS 36,000 / 50,000 / 60,000 lbs. CAPACITIES



OPTIONAL ROLLING BRIDGE JACKS

Air operated rolling bridge jacks can be attached to the runways creating additional lifting options to make these lifts even more versatile.

FOR 36,000 lbs. CAPACITY LIFTS

#RJ140LBK - 14,000 lbs. capacity jack #RJ22001LBK - 22,000 lbs. capacity jack

FOR 50,000 lbs. / 60,000 lbs. CAPACITY LIFTS

#RJ25001L - 25,000 lbs. capacity jack #RJ30001L - 30,000 lbs. capacity jack

MACH4 PLUS HEAVY-DUTY DRIVE-ON RUNWAYS						
Lifting Capacity	35,900 lbs. (16,283kg) †	50,000 lbs. (22679kg) ††	60,000 lbs. (27215kg) ††			
Maximum Wheelbase	25' (300"/ 7,620mm)* 30' (360"/ 9,144mm)*	28' (336"/ 8534mm) **	33' (396"/ 10058mm)**			
Max. Rise / Floor to top of runway	79" (2,007mm)	78" (1981mm)	78" (1981mm)			
Length Overall	33' 11-3/4" (10,358mm) 38' 11-3/4" (11,882mm)	35' 7-1/2" (10858mm)	40' 7-1/2" (12382mm)			
Width Overall - outside controls	16' 3-3/8" (4963mm)	15′ 11″ (4851mm)	15' 11" (4851mm)			
Height of Columns when raised	89" (2260mm)	144 - 3/4" (3677mm)	144 - 3/4" (3677mm)			
Width of Runways	28" (711mm)	28" (711mm)	28" (711mm)			
Drive Thru Between Columns	12'-4" (3607mm)	11'-10" (3607mm)	11'-10" (3607mm)			
Runway Spacing	45" (1143mm)	45" (1143mm)	45" (1143mm)			
Rise Time	68 seconds	78 seconds	78 seconds			
Ramp Angle	7 degrees	10 degrees	10 degrees			
Power Usage	Battery powered Charges on 110V	Battery powered Charges on 110V	Battery powered Charges on 110V			

- TWITH MCH13 SERIES LIFTS THWITH MCH18 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 50,000 AND 60,000 LBS. CAPACITY LIFTS

PORTABLE CROSS BEAM KITS

21,000 lbs. to 32,000 lbs. CAPACITIES

M140070

LOW PROFILE CROSS BEAM KIT 30,000 / 21,000 lbs. CAPACITIES

SUPPLIED WITH TWO (2) SUPPORT BLOCKS PER BEAM



30,000 lbs. at 49" adapter spread / 15,000 LBS. per adapter 21,000 lbs. at 25" adapter spread / 10,500 LBS. per adapter

ALI THIRD-PARTY GOLD CERTIFIED

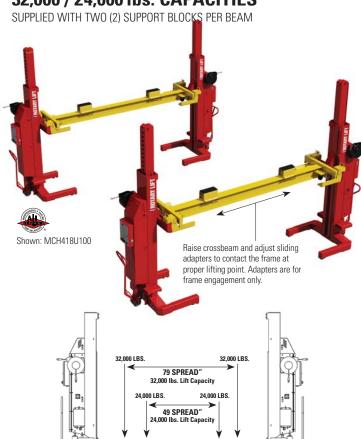
FRAME ENGAGING CROSS BEAM KITS

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.

FOR USE WITH MODELS THAT HAVE A COLUMN CAPACITY OF 18.000 LBS. OR GREATER.

ML41

SADDLE CROSS BEAM KIT 32,000 / 24,000 lbs. CAPACITIES



32,000 lbs. at 79" adapter spread / 16,000 LBS. per adapter 24,000 lbs. at 49" adapter spread / 12,000 LBS. per adapter

ALI THIRD-PARTY GOLD CERTIFIED



Shown: M140070 low profile cross beam with optional jack stands

ALSO AVAILABLE

FD2353KIT

RAMP STYLE CROSS BEAM KIT FOR RV SERVICE

FOR USE WITH MODELS THAT HAVE A COLUMN CAPACITY OF 18,000 LBS. OR GREATER.

22,000 lbs. CAPACITY

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.





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

#M140005 / **15,000 lbs.** capacity MCH18 FRAME-ENGAGING LIFTING KIT

For use with two MCH18 series columns only.

#M140079 / **12,000 lbs. capacity** MCH13 FRAME-ENGAGING LIFTING KIT

For use with two MCH13 series columns only.

STORAGE CART **FOR LIFTING KITS**

#M110108BK Cart for fore and aft lifting kits. For storing and moving kits.



JACK STANDS

Always use jack stands when installing or removing heavy components.

Spring loaded caster wheels for easy positioning and portability. Height adjustment in 1" increments with 4" fine-tuning. All jack stands meet the required ASME PASE-2014 requirements for portable service equipment.

18,000 lbs. and 36,000 lbs. CAPACITIES

MW-500 TIRE LIFT

500 lbs. capacity air operated tire and wheel lift. Provides maneuverability and adjustable lifting and lowering speeds. Reduces risk of shoulder and back injuries while limiting potential worker's comp claims.

- Quick transfers to tire balancers
- · Air operated no batteries
- Easy positioning of the tire / wheel
- · Air hose and auxiliary air tool connection
- Includes pressure regulator

MW-200

200 lbs. capacity model available

MCH18 FORK LIFT KIT

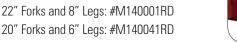
Make servicing fork lifts easy using two MCH18 columns. Kit readily attaches to the base of the column giving the clearance needed to raise Class II fork lifts with a capacity of 18,000 lbs. Drive-on / back-off operation.

Column lifts shown with M14012YRD Forklift Ramp Kit 18,000 lbs. capacity

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: #M140001RD





LED LIGHTING

High-efficiency service lamps with single touch operation provide convenient handsfree lighting from the lift's control panel. Operates on the column's battery power.





Shown: M140148BK

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.

#M140019RD / Analog gauge for MCH18 #M140041RD / Analog gauge for MCH13



Shown: M140019RD

LARGE WHEEL KIT

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



LOCK LIGHT™

Featured on each column, light indicates when lift is set on its locks. (PATENT PENDING) #M140112 / DC versions for MCH18/ MCH13 #M140115 / For AC mobile columns and MCH

columns with installed pressure gauges



TAPPLICATION GU



MID RISE **SMARTLIFT**



TWO POST **SURFACE**



FOUR POST & Y-LIFT







MODULAR INGROUND

VEHICLE CLASS

Gross Vehicle Weight



Under 6,000 lbs. GVW



CLASS 2 6,001 to 10,000 lbs. GVW



CLASS 3 10 001 to 14 000 lbs GVW



CLASS 4

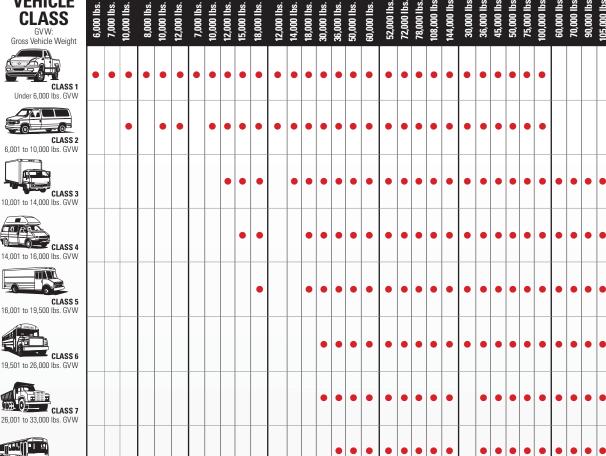


CLASS 5 16,001 to 19,500 lbs. GVW



CLASS 7





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.



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