

MOHAWK COLUMN LIFTS



18,000, 24,000, 30,000 LBS. PER COLUMN CAPACITIES

*Mohawk AC or DC
Operated Mobile
Column Lifts*



Model Shown:
MP-18-030

TO MEET THE ONE
AND ONLY NATIONAL
SAFETY STANDARD
FOR VEHICLE LIFTS



MOHAWK

Americas Best Lift Investment...

Still proudly designed, welded
and manufactured in the U.S.A.



Bid Term: 11/16/18 - 11/15/20

NJ State Approved Co-op #65MCESCCPS

MOHAWK'S MP-18/24/30 MODELS

AVAILABLE IN STANDARD AC OR 24 VOLT DC MOBILE LIFT



M

PORTABLE, POWERFUL & PRODUCTIVE

Mohawk MP Series Mobile Column Lifts



Certified lifts: MP-18, MP-18W, MP-18DC, MP-24 & MP-30



Mechanic shown is 6'3"



▲ Mohawk uses **SIEMENS**® PLC computer controls for continuous synchronization of all columns. Each post can control all columns, pairs or single column operation. Each post equipped with emergency shut off switch.



▲ Mohawk's long forks engage **both** rear tires.

22" long forks reduce capacity by only 2,000lbs.

SMART

- All columns operate together, individually or can be divided into multiple pairs.
- All columns act as control columns to raise or lower vehicles.
- 67" lifting stroke for tall mechanics.
- **Adjustable** lifting forks accommodate **the widest range of wheels** from 13" to 24" for up to 48" diameter tires (wider carriages optional for larger tires).
- Optional Auto Frame adaptor available for passenger cars & light trucks.
- Sealed rollers on the wheels for easy movement of the columns.
- Hydraulic operation (no screw drives) for safe, efficient, fast & easy lifting.
- Barrel type roller bearings on carriages for a lifetime of trouble free service (no plastic slide blocks or plastic rollers).
- 208-240 volt 3 phase AC power standard, also optional 440/460 volt or single phase, or 24 DC operation.
- Communication and electrical cables disconnect at **both** ends.

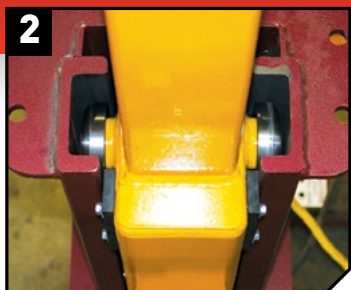
- Manual safety over-ride permits columns to be lowered in a power outage **without using hand cranks.**
- 18,000, 24,000 or 30,000 lb. capacity columns.
- Low profile fork angle for easy positioning of columns, especially for floatation tires.
- Mix 15" & 22" fork models to safely raise all vehicles & **fully contact both dual rear tires.**
- Mix different capacity columns for heavy ended vehicles.
- Adjustable forks means no wheel reducer sleeves to buy, lose or slip off.
- Open ended daisy-chain communication cables assures trouble free column communication.

SAFE

- Pallet jack style **DUAL STEERING WHEELS** lower when weight is applied (vs. spring-loaded steering wheels which can cause columns to roll when not loaded).
- 19 safety lock positions spaced every 3" starting at 12".

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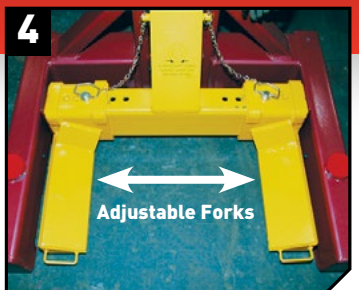


▲ Mohawk mobile columns are manufactured from 5 3/4" or 7" wide USA made fork lift mast sections, featuring self lubricating cylindrical barrel bearings for smooth, safe lifting and lowering. (not bent sheet metal columns with plastic rollers).



▲ Mohawk lifts steer via large **TWIN**, 6 5/8" diameter, rubber coated steering wheels to easily roll over expansion seams & shop debris. **MOHAWK-THE EASIEST COLUMNS TO MOVE.** No steel or plastic wheels.

Mohawk lifts easily roll on 6" rubber coated front steel wheels (not plastic) which **retract**, to load the weight on the lift & shop floor (**not the lift's wheels and axle**).



▲ Adjustable lifting forks available in either 15" or 22" lengths for floatation tires or super-singles for safely lifting **BOTH DUAL REAR TIRES.** If the truck was made to drive on four rear tires, it should be lifted by four rear tires.



Shown: MP-Series Accessory #MP-2200

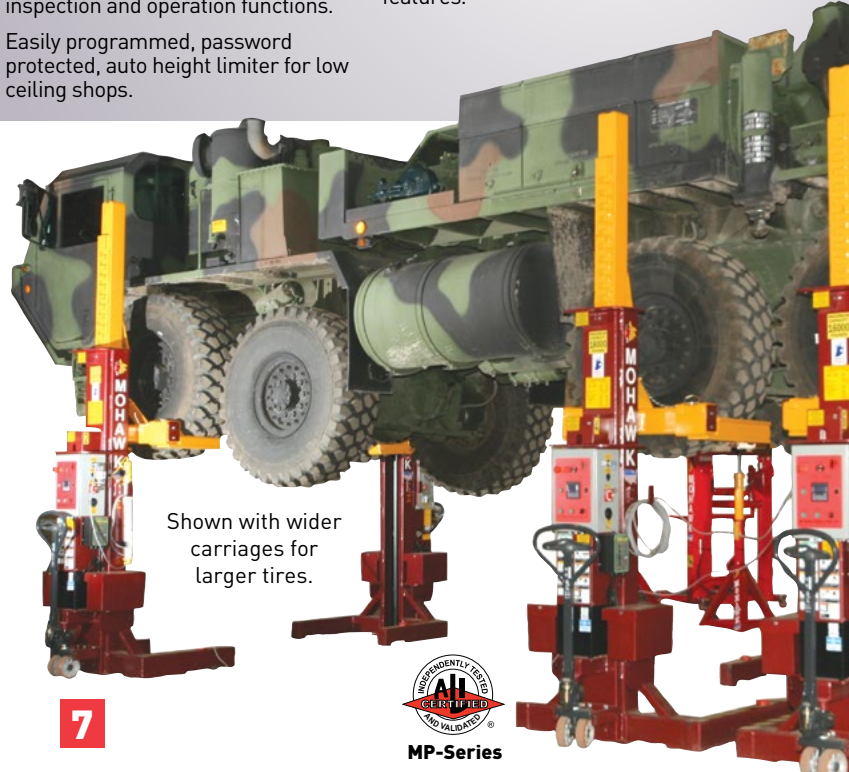
8 ▲ 28,000 lb. ALI certified fork lift adaptor and ramps permit two columns to be used to raise fork lifts.

MOHAWK'S 24 DC OPERATED LIFT OFFERS...

- Mohawk's simple to operate and simple to understand control consoles are the same on all columns.
- Any post will raise, lower, or park (lock) the lift.
- Each post is equipped with an emergency stop button to turn the lift off.
- Each column equipped with a switch to operate all columns, pairs or a single column.
- Lift notifies operator when; batteries need to be charged, stops haven't been released, communications are halted and other user service, inspection and operation functions.
- Easily programmed, password protected, auto height limiter for low ceiling shops.



▲ 24 volt control consoles show lifting height, battery voltage, cycles, capacity, annual OSHA required inspection dates plus many more features.



Shown with wider carriages for larger tires.

7



MP-Series

- Locking pins prevent movement of **adjustable** forks.
- Low mounting of power units means low center of gravity, makes moving the columns easier vs. tople prone "top heavy" columns.
- 15" lifting forks handle wide tires or 22" long forks for raising **BOTH dual rear tires** (22" forks reduce column capacity by 2,000 lbs.)

STRONG

- 18,000, 24,000 or 30,000 lb. capacity columns mean Mohawk lifts vehicles other brands won't.
- Column construction made of 5 1/2" or 7" USA made C shaped fork lift channel sections. Mohawk does not use bent sheet metal or rectangular tubing for structural integrity.
- Carriages ride on barrel bearings for smooth steady lifting. No plastic slide blocks or plastic rollers.
- **Larger capacities, wider carriages and custom models are also available**

MOVE!



5



▲ 19 locking positions spaced every 3", with ability to 'park' the load on the mechanical safety locks.

6



- Twin 12 volt, deep cycle, maintenance free US made batteries.
- Each column equipped with a 10 amp, 110 volt battery charger for quickly recharging the batteries. One battery charge is good for 30+ cycles to still leave the batteries at 75% power.



duty column, retractable wheels, mobile lift.

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AVAILABLE OPTIONS & ACCESSORIES



Shown: MP-Series
Accessory #MP-2400

▲ 25,000 lb. capacity certified **WING PLOW ADAPTOR** permits snow trucks to be raised **without** the lengthy process of removing wing plows.



▲ **AUTO FRAME ADAPTOR** quickly slides over lifting forks & allows two columns to raise cars & light trucks by the frame to leave wheels free.



Shown: MP-Series
Accessory #MP-1300-A-020

▲ **PENDANT CONTROL** allows walk around remote operation of all columns



◀ **Special double wide columns** permit 1 column to raise tandem or single rear vehicles.

Safety weight gauge ▶ weighs the vehicle and shows the lift has been lowered onto the locks.



MP-Series
Accessory #601-440-009



▲ **SLOPE INDICATOR** attaches to the mobile column to display the floor slope measured in degrees.



Shown: MP-Series
Accessory #MP-2500



▲ 24,000 lb. capacity ALI certified **front to rear bumper or frame adaptor** slips over the forks to allow vehicles to be raised front to rear by the bumpers or frame.



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MOHAWK'S JACK STANDS AND OPTIONS



ETL US LISTED
Intertek
 81287
 Conforms to
 ASME PASE-2014
 (high and mid
 height stands)

Mohawk jack stands are available in rubber coated flat pads or axle engaging lift pads.

Mohawk jack stands are ETL certified to meet the one and only national safety standard ASME and are available in 18,000 or 24,000 lb. capacities.

1 set of columns
 +
 1 set of stands
 =
 2 vehicles in the air

MOHAWK'S MOBILE JACK STANDS



- A set of stands allows columns to be moved to a different bay and raise another vehicle.
- Adjustable height stands are available in high (45-77") medium (25-47") or low varieties (18-30").



Mohawk's mobile jack stands are equipped with handle and large castors for easy movement.



▲ 35,000 lb. capacity optional chassis lifting beam permits vehicles to be raised by the frame, leaving the wheels hanging free.



MP-18 SPECIFICATIONS

| | MP-18-15 | MP-18-22 |
|--|--|-----------------|
| Capacity: | | |
| Capacity per post | 18,000 lbs. | 16,000 lbs. |
| Lifting speed: | 66 sec. | 66 sec. |
| Motor rating (per column): | 2.5 H.P. | 2.5 H.P. |
| Standard power requirement: | 208/240 V or optional 440/480 V 3 phase (single phase option available) or 24 volt DC operations | |
| Amperage requirement: | 10 AMPS (per post AC) | |
| Lifting height (stroke): | 67" | 67" |
| Lifting mechanism: | Direct drive hydraulic cylinders | |
| Cylinder protection: | Full steel enclosure | |
| Clearance between carriage & vehicle: | 10" | 10" |
| Carriage movement: | Double sealed roller bearings | |
| Synchronization: | Automatic SIEMENS ® PLC controlled (AC) Automatic Horner Electric PLC controlled (DC) | |
| Lifting forks range: | 13" to 24" wheels (wider optional) | |
| Lifting fork height/angle: | 3 1/2" and 28 degrees | |
| Maximum tire diameter: | 48" (wider optional) | |
| Front wheels: | 6 5/8" with sealed roller bearings at center | |
| Steering system: | Pallet jack mech. w/OSHA approved handle & pressure relief valve | |
| Mechanical safety locks: | 19 position starting at 12" | |
| External hydraulic safety systems: | Pressure compensated flow control valving & velocity fuses | |
| Electrical safety systems: | Electronic sensors in each column | |
| Floor requirement: | Any hard, level surface (3° max floor slope) | |
| Control voltage: | 24 volts | 24 volts |
| Warranty: | 3 years | |

Available Options

- Mobile jack stands (spring assisted)

| Model | Range | Capacity per stand |
|----------------|--------------|---------------------------|
| MJS18-30-18/24 | 18" TO 30" | 18,000 or 24,000 |
| MJS30-47-18/24 | 25" TO 47" | 18,000 or 24,000 |
| MJS47-75-18/24 | 45" TO 77" | 18,000 or 24,000 |

- Chassis contact lifting beam
- Longer forks
- 460 or 575 volt power units
- Lifting height limiter
- Single phase power
- Double wide columns
- Front to rear bumper adaptor
- **Heavier capacities on request**
- Winged snow plow adaptor
- Wider carriages
- Safety weight gauge
- Runways & approach ramps
- Remote pendant control
- Fork lift adaptor kit
- Automotive frame contact adaptor
- Slope indicator

Mohawk builds the best products with the finest materials, to the highest standards. Just compare our lifts. Our staff will assist you with any technical questions you have. We invite your calls.

Mohawk lifts are manufactured in compliance with the following standards: ALI, ANSI, ASME, AISI, ASTM, ASA, NEC, AWG, NEMA.

MEETS CURRENT NATIONAL ANSI SAFETY CODE FOR LIFTS.

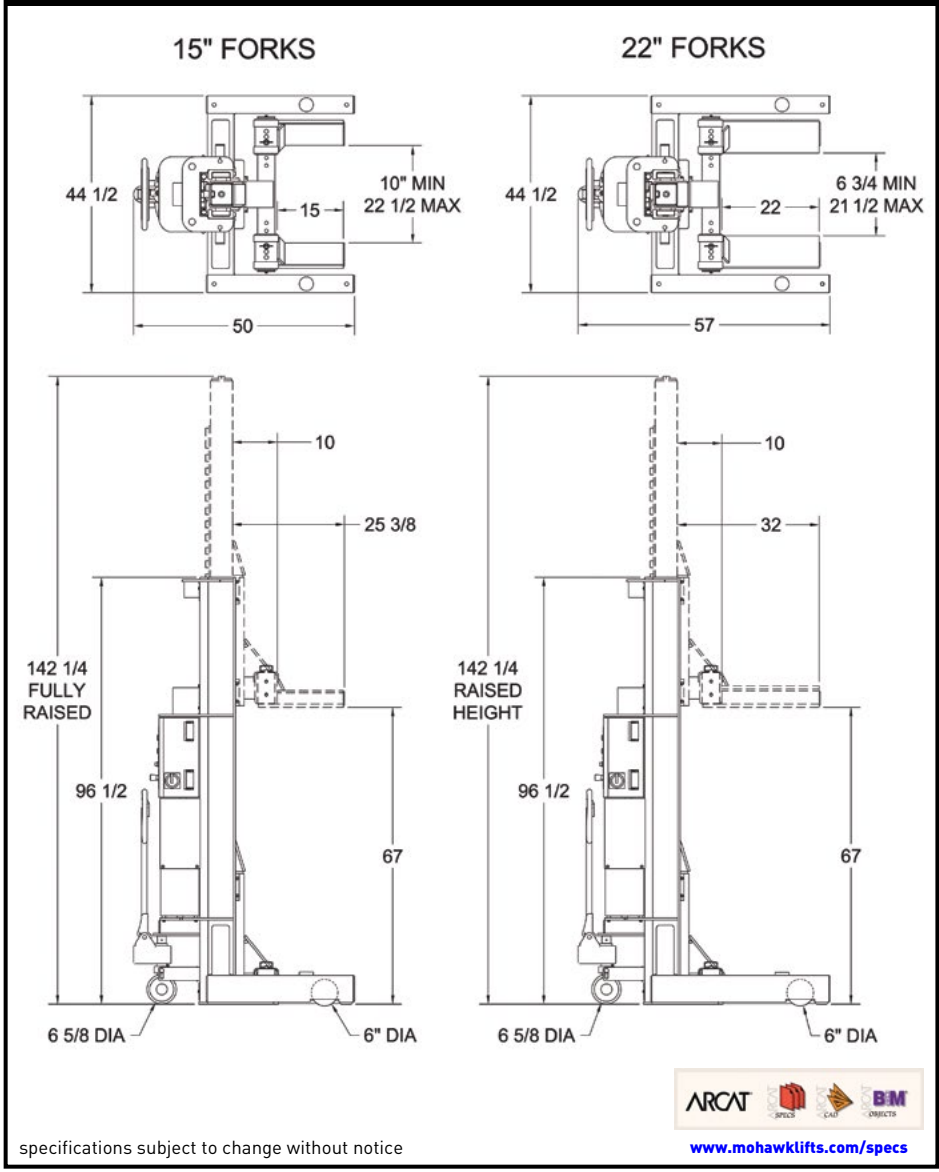


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Mohawk MP-18 Specifications



specifications subject to change without notice



www.mohawklifts.com/specs



For more detailed product information read this free e-book "How a Mohawk Mobile Column Lift is Made" at www.mohawklifts.com/Mobile-Column-Lifts



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