

# COLUMNLIFT® SERIES

## The BMR-A-CS Series

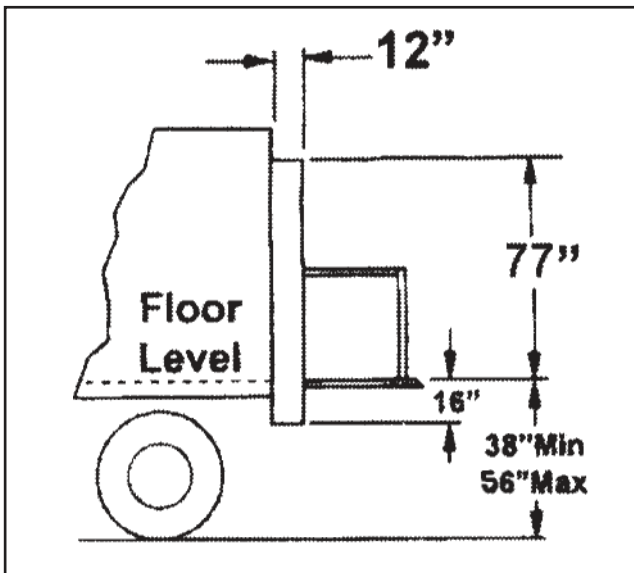


## BMR-A-CS SPECIFICATIONS

**The BMR-A Series Lifts offer the most standard features of any lifts available in their class.**

- Extra Heavy Duty Series
- Full Hydraulic Operation
- Low Profile, Level Ride
- Gas Bottle Handling
- Fastest Lifting Speed at full capacity
- Lowest Maintenance
- Simplest Operation
- Automatic Safety Locks
- Built-in LED Lights
- Optional Power Down
- Powder Coated Vertical Pumps
- "Fold Down" Railing
- Potted Switches

4-Step Paint Process



Lift Dimensions and Mounting Requirements

MODEL CAPACITY	OVERALL WEIGHT	PLATFORM LOAD AREA	RETENTION RAMP	BED HEIGHT (For Dock Loading)
BMR-A-CS-35 (3,500 Lbs.)	1763 IBS. (36 X 80 Platform) 1802 Lbs. (42 x 80 Platform)	36" x 80" 42" x 80"	16" Aluminum	38" - 56" (36" Plat- form) 44" - 56" (42" Plat- form)
BMR-A-CS-44 (4,400 Lbs.)	1794 Lbs. (36 X 80 Platform) 1833 Lbs. (42 x 80 Platform)			

PATENT NUMBERS: (367,748), (5,513,943), (5,449,267)

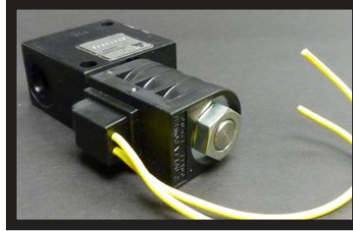
# COLUMNLIFT<sup>®</sup> SERIES

## The BMR-A-CS Series

**MAXON<sup>®</sup>**

### Optional Features

- Auxiliary Power Packs
  - Truck
  - Trailer
- Auxiliary Hand Pump
- 102" Wide Vehicle Option
- Dual Pump/Motor
- Power Down
- L.E.D. Tailights



### AUTOMATIC SAFETY LOCKS

Cumbersome, driver activated platform safety locks and chains are eliminated on MAXON's BMR-A-CS Series by the use of hydraulic locks on each cylinder. Successfully tested and used in Europe and the U.S. for nearly a decade, this fully automatic system prevents the platform from accidentally opening or dropping in the event of hydraulic failure, or even if the hydraulic lines are completely severed.



### EXCLUSIVE CONCENTRIC ROLLERS/GUIDES

The platform/runner assembly of the BMR-A-CS is supported by large 3-1/2" wide polymer rollers, machined to fit our exclusive concentric guide system. This exclusive Maxon design gives up to 400% more load bearing surface than others, and is self-centering, regardless of off-center platform loading or column alignment.

### MAINTENANCE FREE "RIDE EQUALIZER"

The BMR-A-CS Series Columnlifts incorporate Maxon's exclusive "Ride Equalizer" to balance the lifting force of the BMR-A-CS's two lift cylinders. Designed to eliminate the heavy steel stabilizing bar and difficult to adjust flow dividers used on previous twin cylinder lift, our "Ride Equalizer" never needs adjusting, and allows the platform to maintain an acceptable level ride regardless of off-center loads.

### NEW SIMPLIFIED COMPUTER DESIGNED LOW PRESSURE HYDRAULIC SYSTEM WITH SPIN-ON FILTER

Maxon's computer designed low pressure hydraulic system allows the BMR-A-CS to lift capacity loads faster and with over 33% less effort from the electrical components than previous heavy duty liftgates. This gives the BMR-A-CS over 33% more lifts per battery charge, which will drastically increase electrical component life. The new Spin-on Filter is easily replaced and insures contaminate free hydraulic fluid.

### MAINTENANCE FREE, SELF-LUBRICATING BEARINGS & PLATED PINS

All hinge points on Maxon's BMR-A-CS Series Raillifts are equipped with maintenance free, self lubricated bearings, designed to reduce maintenance and operating costs. Pins are plated for corrosion resistance.

### EXCLUSIVE CORRUGATED PLATFORM

Increased strength and improved corrosion resistance are the benefits of Maxon's exclusive "Corrugated Platform Structure". The seamless corrugated supports the diamond plate load surface better than any previous tube or channel designs. Pre-primed on all surfaces to help protect against corrosion, the platform assemblies are then vented to allow the escape of moisture from between the platform's component parts.

### FOLD-DOWN RAILING

The BMR-A-CS Series "Fold-Down Railing" is designed to fold out of the way when loading or unloading at dock facilities. This standard feature allows the operator to load or unload in less time by providing nearly 100% vehicle access space.

### LIGHTWEIGHT, STRONG AND EFFICIENT

Maxon has used leading edge technology to reduce the BMR-A-CS's overall weight by up to 450 pounds, while increasing its structural strength and producing a lifting capacity 10% greater than other lifts in its class.

### Distributed by:

### BUILT-IN LIGHT PACKAGE

A fully intergrated light package, recessed within the column structure for protection and offering full visibility throughout the operational cycle, is a Maxon standard feature. Optional L.E.D. lamps are available.

### STATE-OF-THE-ART PAINT PROCESS

Withstands gruesome 500 hour 120 degrees salt spray test with virtually no reduction of surface quality.

M-ICC-0111