

RAILIFT™ SERIES

The RC Series

MAXON®



RC SPECIFICATIONS

Heavy-duty, low profile, level ride railgates are designed to handle today's most demanding distribution requirements. Fleets have loved the RC Railift™ for over 30 years because of its rugged design, reduced maintenance costs, and technical simplicity.

- Fully Automatic Platform Closer – You Choose either the Cam-Closer for simplicity, or the Hydraulic Closer for push-button convenience
- Versatile design allows platforms to be lowered below bed height for easy dock loading
- Full width folding platform models are available up to 84" deep and 96" wide
- Easily handles palletized or cart loads
- Lifting capacities are available from 2,000 Lbs. to 6,000 Lbs.

MODEL (CAPACITY)	RIGID PLATFORM* (DEPTH X WIDTH)	FOLDING PLATFORM*		
		66" X 90"	72" X 90"	84" X 90"
RC-2 (2,000 LBS.)	42" X 90"	N/A		
RC-3 (3,000 LBS.)		*42"+24"	42"+30"	N/A
RC-4 (4,000 LBS.)	N/A			
RC-5 (5,000 LBS.)	*42"+42" + 16" ARR			
RC-6 (6,000 LBS.)		N/A		

* Clear openings for Cam Closer and Hydraulic Closer on the RC units.

GATE WIDTH

	96"	102"
CAM CLOSER UNIT	82.5"	88.5"
HYDRAULIC CLOSER UNIT	86"	92"

Platform widths for 96 wide vehicles are 90" wide, for 102" wide vehicles are 96" wide platforms.

NOTE: Please review appropriate liftgate installation manual for full vehicle and or body requirements to ensure proper fitment.

Wide Cargo Users
Please note the matrix
showing clear openings



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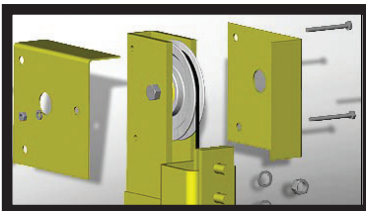
Standard Equipment

- Steel Pump and Motor Enclosure
- Potted Toggle Switch Control
- State-of-the-art MaxPro® Paint Process

Optional Features

- 5 Ramp Options:
 - 12" Fixed
 - 12" Folding
 - 16" ARR
 - 12" with Single CS
 - 12" with Dual CS
- Auxiliary Hand Pump
- Battery Pack
 - Truck
 - Trailer
- Remote Control Hand-Held Switch
- Removable Liftgate/Removable Fixture Option
- 102" Trailer (96" Platform Width)
- Hydraulic Closing Platform
- Special Platform Sizes (Contact Factory)
- Optima AGM Batteries
- Dual Pump & Motor System (Special Order Option)

Distributed by:



ROLLER BEARINGS ON BOTH ENDS OF RUNNERS

MAXON uses steel roller bearings at both ends of the runner for maximum efficiency and reliability. Similar to steel-wheeled roller skates, they reduce friction by rolling the load instead of sliding it.



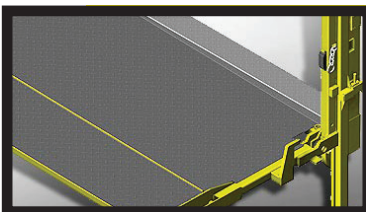
EMERGENCY CABLE BRAKE

Every has built-in Emergency Cable Brakes as backup systems to the lifting mechanism. If tension is lost on the lifting cables, the brakes engage instantly and automatically to stop and hold even a fully laden platform.



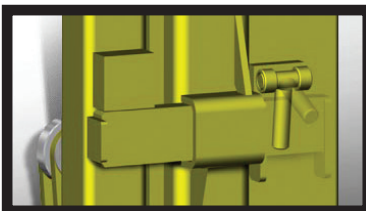
SINGLE SWITCH OPERATION

MAXON's single cylinder/single valve operation allows the use of an extremely simple electrical system. The single Potted Toggle Switch is environmentally sealed, and is placed in the column so that the operator can reach it easily from the ground or while riding on the platform.



HEAVY-DUTY PLATFORM SUPPORTS

RC platforms are very strong and are designed to resist bending or deflection. The platform's strength is due to 4" wide structural support tubes that are welded under the platform. This is especially important when heavy cargo loads are delivered on wheeled carts or pallet jacks.



SLIDE LOCK PLATFORM RETAINERS

MAXON uses positive locking structural slide blocks to retain the platform from lowering while in transit. They are quick and convenient for the operator, and never need replacing with normal use.

HI-FLEX 40 STRAND WIRE ROPE & ALUMINUM SHEAVES

Ultra flexible 40 strand wire ropes are self-lubricating and offer extended life when used with our lightweight, cast aluminum sheaves.

SIDE CHAINS ON FOLDING PLATFORMS

MAXON's side chains have "memory", so they give on impact and bounce right back without permanent distortion. They are not subject to damage from impact at docks or from cargo, and come with a LIFETIME REPLACEMENT GUARANTEE.

SINGLE CYLINDER OPERATION WITH CAM CLOSER

The original patented RC design uses a single hydraulic cylinder and MAXON's exclusive cam closer (with side chains on folding platforms). The simplicity of the single cylinder design translates directly into immediate and on-going cost savings on installation time, reduced maintenance and high reliability.

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The RCT Series

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Standard Equipment

- Hydraulic Closing Platform
- Steel Pump/Motor Enclosure
- Potted Toggle Switch
- Integrated LED Taillights
- 4-Step Paint Process

Optional Equipment

- Auxiliary Hand Pump
- 150 Amp Circuit Breaker (No Charge Option)
- 102" Wide Body
- Hand Held Control
- Battery Pak (Auxiliary Batteries for Truck or Trailer Operation)
- Dual Pump Motor System (SOR Required)

Distributed by:

RCT SPECIFICATIONS

Until you need it, the RCT platform is stored below bed level and out of the way in the dock-ready position like a Maxon Tuk-A-Way®, eliminating the extra time to lower the platform for dock operations.

- Large, low profile, level ride platform is ideal for pallet jack or cart operations
- Fully automatic operation that requires no manual folding or unfolding

MODEL CAPACITY	FOLDING PLATFORM
RCT-3 (3,000 Lbs.)	60" x 90" (30" x 30")*
RCT-4 (4,000 Lbs.)	

* Represents depth of individual folding platform sections combined to complete total platform depth shown (i.e. 30" + 30" = 60" depth). The loadable space on the flip section is 87" for a 96" wide body and 93" for a 102" wide body at the narrowest point.

HYDRAULIC SYSTEM

Modern design software and extensive testing was used to determine and achieve the optimum performance for the electro-hydraulic system. This resulted in reduced hydraulic pressure and ampere draw, which increased the life of all electrical components by 33%.

AUTOMATIC LOCKING MECHANISM

Because simple operation is important in all Maxon designs, the RCT automatically locks in the stowed position, requiring no additional operator effort.

BUILT-IN INTEGRATED LED TAILLIGHTS

Maxon's below bed storage feature of the RCT is made possible by our exclusive taillight assemblies. These sealed lights are supplied at no additional cost, and include a license plate light.

Enables Seamless Cargo Transition

Because the RCT is designed to be used in multi-stop dock loading applications, Maxon has engineered the threshold and platform surface to be flush and continuous. This eliminates the gaps common between liftgate components which demand the need for dock loading ramps when loading or unloading wheeled loads.

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