

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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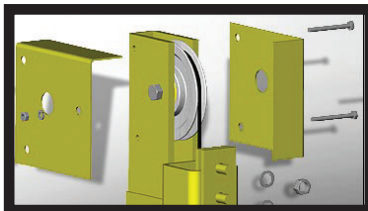
Standard Equipment

- 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)

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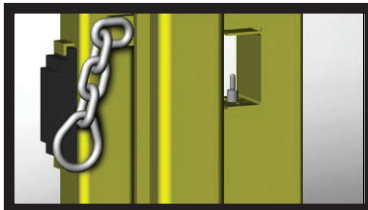
ROLLER BEARINGS ON BOTH ENDS OF RUNNERS

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.



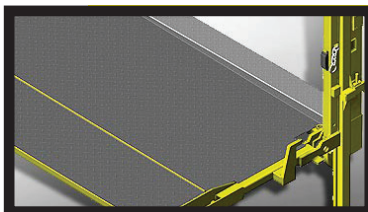
EMERGENCY CABLE BRAKE

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.



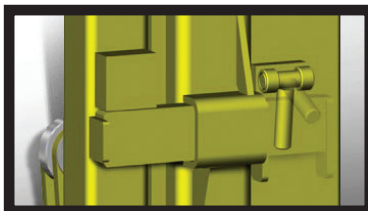
SINGLE SWITCH OPERATION

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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RAILIFT™ SERIES

Tool Truck DMD

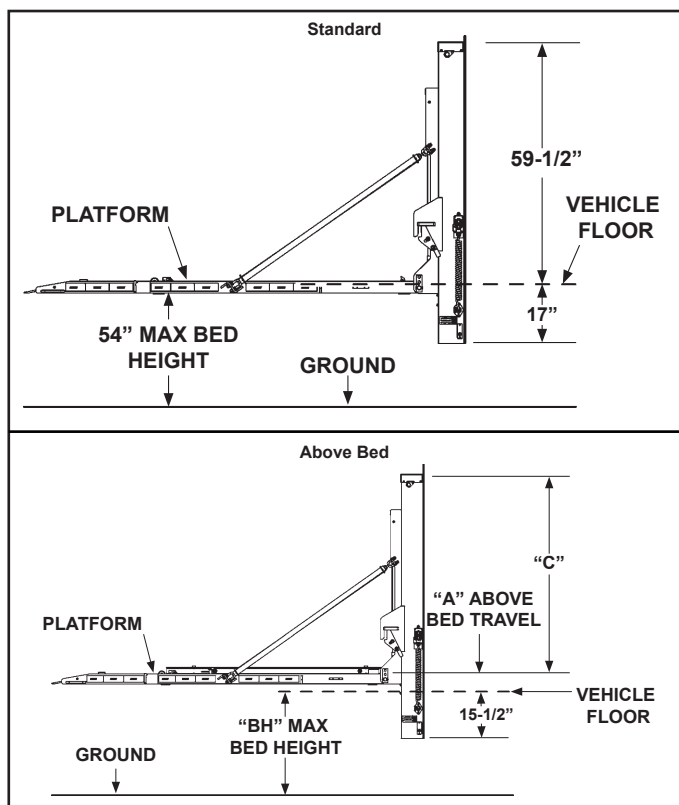
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TOOL TRUCK DMD SPECIFICATIONS

The Tool Truck DMD (DMD-TT) is a medium-duty, fully hydraulic direct lift that utilizes a twin cylinder design to ensure efficient performance

- The DMD-TT features Aluminum columns paired with galvanized steel runners
- The DMD-TT utilizes a unique twin cylinder lifting design that eliminates the maintenance costs associated with other chain or cable equipped liftgates
- The pump and motor assembly is housed within the liftgate's main structural enclosure
- The DMD-TT features fully sealed switches and harnesses to protect them against corrosion
- All aluminum platforms
- MAX GRIP® and Cycle Counter standard



MODEL CAPACITY	BODY WIDTH	PLATFORM SIZE	TOTAL WEIGHT	BED HEIGHT
DMD 22 2,200 LBS.	96"	Flange mount unit: 85"/88"/91" x 72" + 48 x 25 + 6" Fixed Ramp	635 to 730 Lbs.	30" - 54"
	99"	Channel mount units: 89"/95" x 72" + 48 x 25 + 6" Fixed Ramp		
DMD 22 2,200 LBS. <u>Above Bed</u>	102"	Wide flange mount units: 85"/91" x 72" + 48 x 25 + 6" Fixed Ramp	675 to 745 Lbs.	

NOTE: 48" x 25" flipover with 6" ramp features a single cart stop

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



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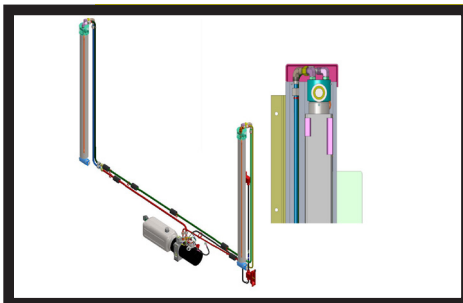
RAILIFT™ SERIES

Tool Truck DMD

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Optional Equipment

- Domestic or Foreign Chassis Light Set Ups
- Cab Cut Off Switch
- Backup Alarm Installation Kit
- Above Bed Travel



Effective Hydraulic System

Two direct-acting lifting cylinders. The primary cylinder drives the secondary cylinder. The ultimate goal was to develop the most reliable medium-duty gate with the least need for maintenance.



Aluminum Columns / Galvanized Runners

The DMD-TT features extruded Aluminum columns and galvanized steel runners. This combination results in overall weight reduction, enhanced corrosion resistance, and increased performance.



Pump and Motor Housing Options

The DMD-TT's main pump housing is available in four different light configurations and also features a license plate holder and an optional back-up alarm install kit.



Corrosion Resistant Electrical System

The DMD-TT features fully sealed switches and harnesses to protect them against corrosion.



Aluminum Platform

The DMD-TT features an all-Aluminum platform.

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RAILIFT™ SERIES

The DMD Series

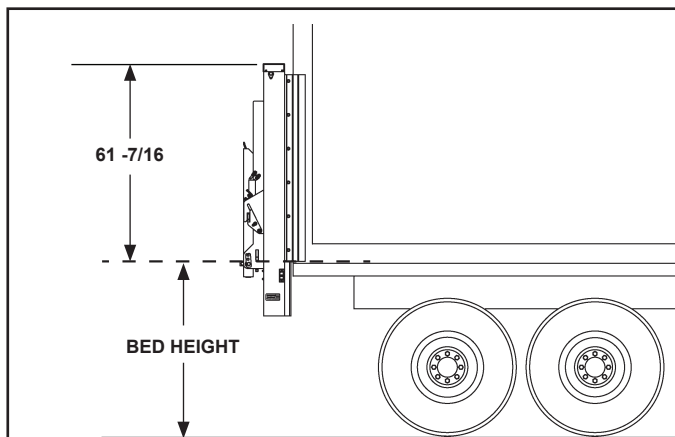
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DMD GENERATION 2.0 SPECIFICATIONS

The DMD is a medium-duty, fully hydraulic direct lift that utilizes a twin cylinder design to ensure efficient performance

- The DMD Generation 2.0 features Aluminum columns paired with galvanized steel runners
- The DMD utilizes a unique twin cylinder lifting design that eliminates the maintenance costs associated with other chain or cable equipped liftgates
- The pump and motor assembly is housed within the liftgate's main structural enclosure
- The DMD features fully sealed switches and harnesses to protect them against corrosion
- All aluminum platforms
- MAX GRIP® and Cycle Counter standard



Load-Over Bedheights

Two Piece Platform Plus 6" Ramp	Min Bed Height for loading over	Two Piece Platform Plus 12" Ramp	Min Bed Height for loading over
48" (30+18) + 6" fixed ramp	32"	42" (30+12) +12" fixed ramp	32"
54" (33+21) + 6" fixed ramp	35"	48" (33+15) +12" fixed ramp	35"
60" (36+24) + 6" fixed ramp	38"	54" (36+18) +12" fixed ramp	38"
66" (39+27) + 6" fixed ramp	41"	60" (39+21) +12" fixed ramp	41"
72" (42+30) + 6" fixed ramp	44"	66" (42+24) +12" fixed ramp	44"

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

MODEL CAPACITY	BODY WIDTH	PLATFORM SIZE*	TOTAL WEIGHT	BED HEIGHT
DMD 18 1,800 LBS	96" 102"	One-piece platforms: 36", 42", 48" + 6" or 12"*** Fixed Ramp with optional Single or Dual Cart Stops or 9" Aluminum Retention Ramp or 39", 45" + 9" Fixed Ramp with Single or Dual Cart Stops	635 to 730 Lbs.	30" - 54" *****
DMD 22 2,200 LBS.		Two-piece platforms: 48" (30+18), 54" (33+21), 60" (36+24), 66" (39+27), 72" (42+30) + 6" fixed Ramp with optional Dual or Single Cart Stops		
DMD 33 3,300 LBS.		or 42" (30+12), 48" (33+15), 54" (36+18), 60" (39+21), 66" (42+24) +12" fixed ramp with optional Dual or Single Cart Stops		
DMD 18** 1,800 LBS Power Closer		One-piece platforms: 48", 54", 60", 66", 72" +12" fixed ramp with optional Single or Dual Cart Stops or 9" Aluminum Retention Ramp**** or 51", 57", 63", 69", 75" +9" Fixed Ramp with Single or Dual Cart Stops	675 to 745 Lbs.	
DMD 22** 2,200 LBS. Power Closer		Two-piece platforms: 48" (30+18), 54" (33+21), 60" (36+24), 66" (39+27), 72" (42+30) + 6" fixed ramp with optional Single or Dual Cart Stops or 42" (30+12), 48" (33+15), 54" (36+18), 60" (39+21), 66" (42+24) +12" fixed ramp with optional Dual or Single Cart Stops		
DMD 33** 3,300 LBS. Power Closer				

* Platform width for 96" body: 90"; 102" body: 96"

** Units with hydraulic power closer have 1.25" less unobstructed opening.

*** 12" Fixed ramp only available on 36" and 42" platforms

**** Not on 48"

***** Note that maximum bed height of above bed models is being reduced by the amount of above floor travel



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Optional Equipment

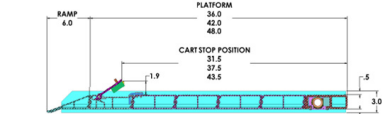
- Domestic or Foreign Chassis Light Set Ups
- Cab Cut Off Switch
- Handheld Control
- Additional Street Side Control
- Backup Alarm Installation Kit
- Platform Hydraulic Power Closure*
- Above Bed Travel **

* large, single-piece platforms come with power closure standard; on other configurations power closure is optional

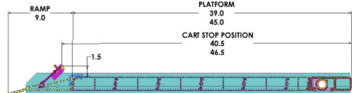
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Loadable Platform Space with Cart Stops Deployed

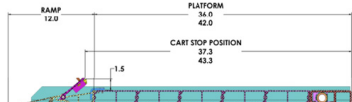
NEW DMD ONE PC PLATFORM WITH SINGLE OR DUAL CART STOP & 6" FIXED RAMP



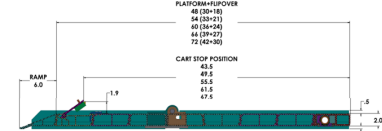
NEW DMD ONE PC PLATFORM WITH SINGLE OR DUAL CART STOP ON 9" RAMP



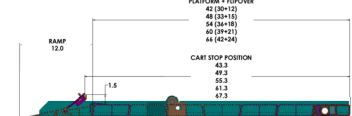
NEW DMD ONE PC PLATFORM WITH SINGLE OR DUAL CART STOP ON 12" RAMP



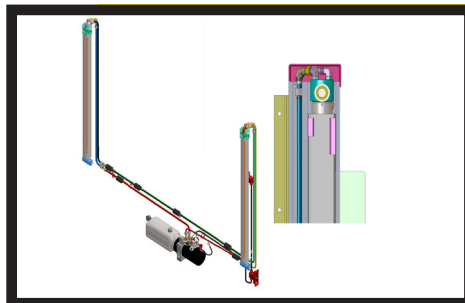
NEW DMD TWO PC PLATFORM WITH SINGLE OR DUAL CART STOP ON FLUPOVER WITH 6" FIXED RAMP



NEW DMD TWO PC PLATFORM WITH SINGLE OR DUAL CART STOP ON 12" RAMP



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Effective Hydraulic System

Two direct-acting lifting cylinders. The master cylinder drives the second cylinder. The ultimate goal was to develop the most reliable medium-duty gate with the least need for maintenance



Aluminum Columns / Galvanized Runners

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Pump and Motor Housing Options

The DMD's main pump housing is available in four different light configurations and also features a license plate holder and an optional back-up alarm install kit



Corrosion Resistant Electrical System

The DMD features fully sealed switches and harnesses to protect them against corrosion



Aluminum Platform w/ Cart Stop Option

The DMD features an all-Aluminum platform with optional single - or dual cart stops

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