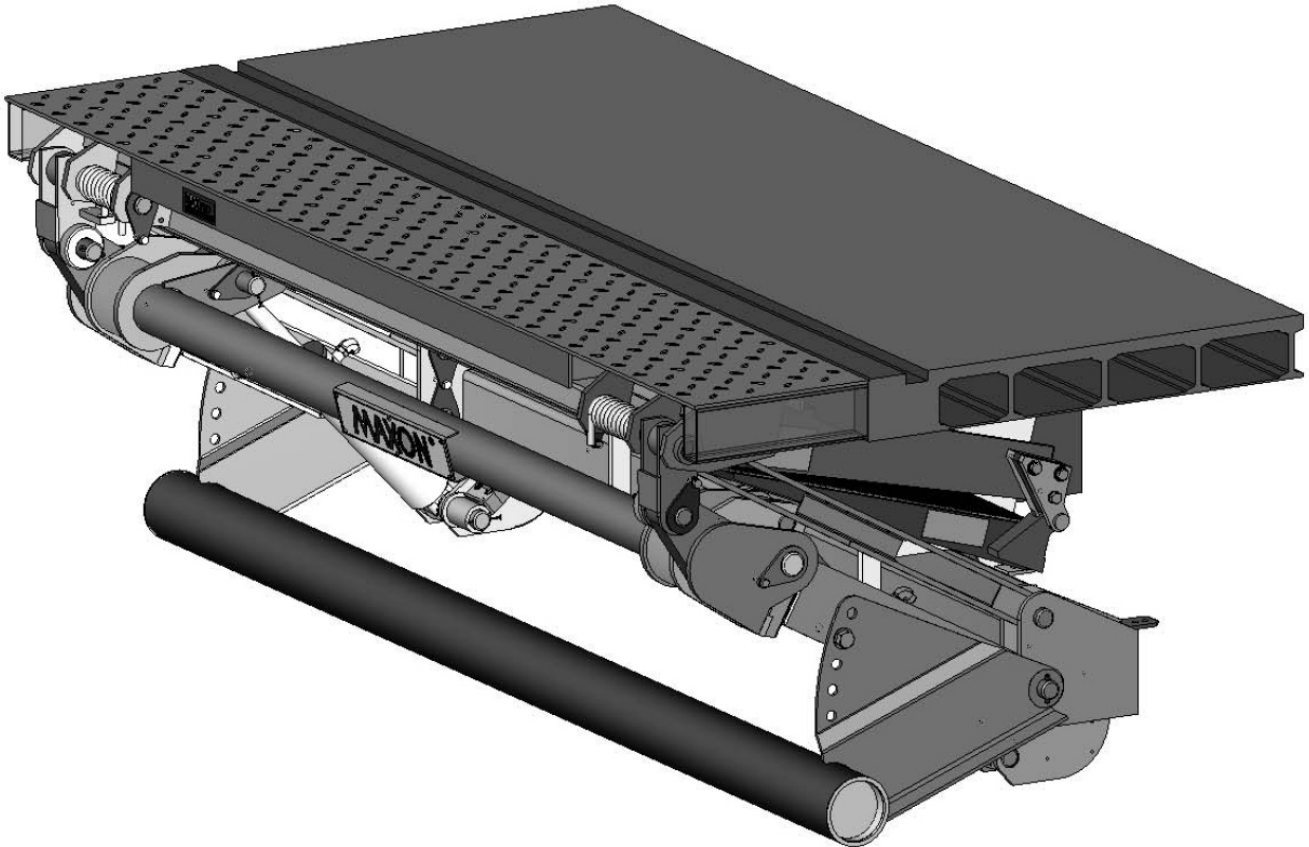


# GPT AND GPTLR

## CMVSS CERTIFIED REAR IMPACT GUARDS

**MAXON®**

**MAXON NOW OFFERS CMVSS CERTIFIED REAR IMPACT GUARDS\***



- Tested and certified according to CMVSS 223 regulations (Canadian Motor Vehicle Safety Standards)
- Engineered to withstand three times the force and absorb four times the energy of conventional FMVSS certified rear impact guards
- Available as an optional feature on GPT-4 and GPT-5 models\*\* and GPTLR-44 and GPTLR-55 models\*\*\*

\*Please note there is a lead time when placing orders for this feature. Please contact Customer Service at 800-227-4116 for more information.

\*\*Minimum laden bed height on GPT-4 and -5 models with CMVSS underrides is 46".

\*\*\*Minimum laden bed height on GPTLR-44 and -55 models with CMVSS underrides is 49".

# GPT AND GPTLR

## CMVSS CERTIFIED REAR IMPACT GUARDS



In 2004, CMVSS 223 was amended to include changes to dimensions and geometric configurations of rear impact guards. The amendments were made effective September 1, 2007 for all manufactured trailers in Canada.

<b>FMVSS 223 (U.S. Standard)</b>	<b>CMVSS 223 (Canadian Standard)</b>
<p>Required to withstand the following force levels without deflecting by more than 125 mm:</p> <ul style="list-style-type: none"><li>• 50,000 N at test location P1</li><li>• 50,000 N at test location P2</li><li>• <u>100,000</u> N at test location P3 on either side of the guard</li></ul>	<p>Required to withstand the following force levels without deflecting by more than 125 mm:</p> <ul style="list-style-type: none"><li>• 50,000 N at test location P1</li><li>• 50,000 N at test location P2</li><li>• <u>350,000</u> N uniformly across the horizontal member on the guard</li></ul>
<p>Required to absorb at least <u>5,650</u> joules of energy by plastic absorption within the first 125 mm of deflection</p>	<p>Required to absorb at least <u>20,000</u> joules of energy by plastic deformation within the first 125 mm of deflection</p>
<p>Required to have a ground clearance not exceeding 560 mm – measure at any one support to which the horizontal member is attached – <u>prior to completion</u> of the energy absorption/uniform load test</p>	<p>Required to have a ground clearance not exceeding 560 mm – measured at any one support to which the horizontal member is attached – <u>after completion</u> of the energy absorption/uniform load test</p>