

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Unit
Measuring distance range	ΔL	'2'3	20	-	150	cm
Output Terminal Voltage	V_o	$L = 150 \text{ cm}^2$	0.25	0.4	0.55	V
Output voltage difference	ΔV_o	Output change at L change (150 cm \rightarrow 20 cm) ²	1.8	2.05	2.3	V
Average supply current	I_{cc}	-	-	33	50	mA

US-Lasers, Inc.

Research | Design | Production

Features:

- *Analog voltage corresponding to distance
- *Detecting distance of 20 to 150 cm 8" to 60"
- *Does not require an external control circuit
- *High Tech Function - Low Consumer Cost
- * Nearly immune to ambient light sources
- *Indifference to surface of detected object

In highly competitive markets with low profit margins, an improved safety record with reduced accident and injury costs may contribute more to profit than the best salesman. Every operational function of a business should be making a contribution toward profit. Loss control is no exception.

We create the products that keep you safely on target!

The Roof-Guard unit measures 19 1/4" L x 1 1/2"W x 1 1/2"D". This small package offers big advantages due to its advanced design.

At the heart of each Roof-Guard unit is a high-tech ultrasonic sensor. While using very little current consumption, the sensor takes a continuous distance reading and reports the distance as an analog voltage with a distance range of 20cm to 150cm (8" to 60").

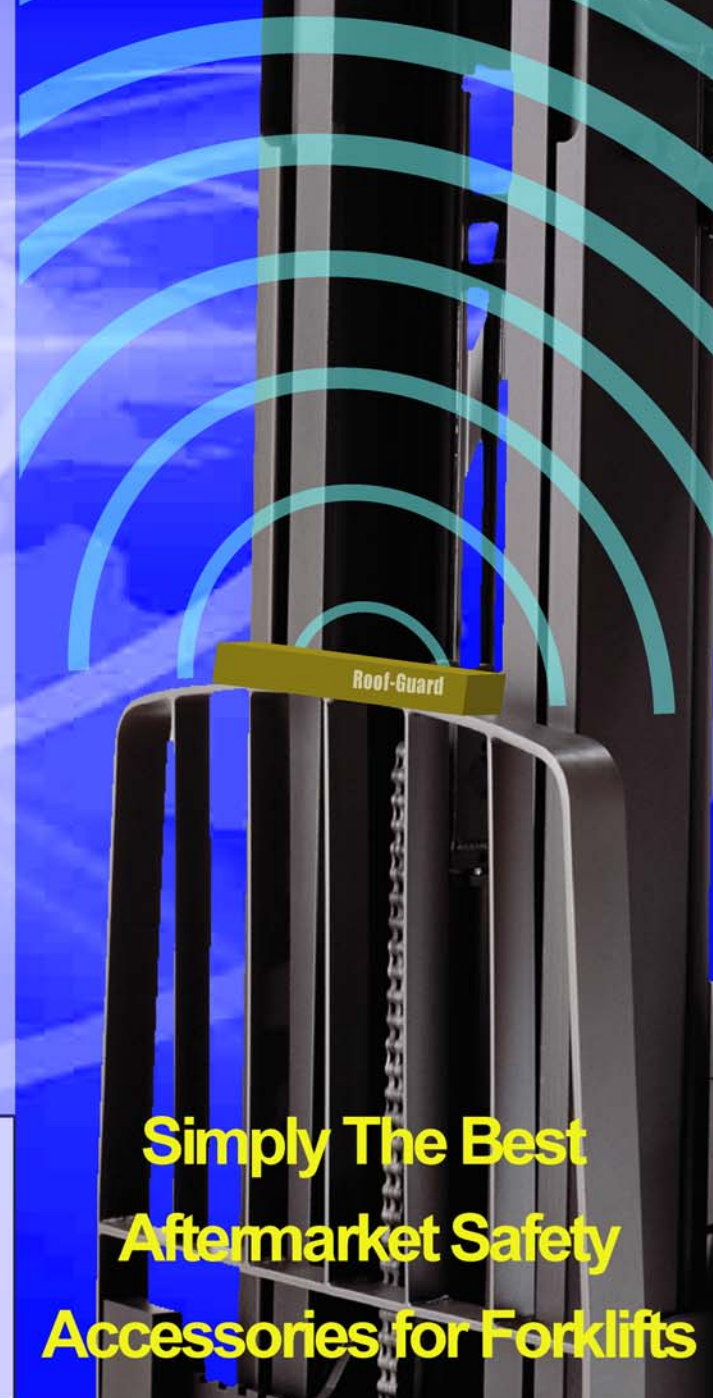
For additional information, visit:
<http://www.forklift-laser.com>

or

Your Authorized Dealer:



Roof-Guard



**Simply The Best
 Aftermarket Safety
 Accessories for Forklifts**

Roof-Guard Offers You a Handle On Accident Prevention Where It Counts!

...With Your Forklift Operators!



Get Roof-Guard and prevent costly damage to your warehouse ceiling.

A State-of-The-Art Ultrasonic Sensor measures distance from the top of the forklift-mast to the roof above.

Sensors can accurately detect distances as small as 1 inch and as much as 20 inches and are completely adjustable to suit your specific requirements.

Roof-Guard will prevent costly damage to your Roof, Sprinkler Systems, Overhead Gas and Steam Pipes



and Ductwork usually caused by the operators inability to correctly judge accurate overhead clearance while maneuvering forklifts in close proximity to these overhead structures.

The ultrasonic sensor housed within the Rack-Guard unit sends out a constant signal. The signal bounces off any structure that the signal hits. If the structure is within the safe distance limit of Rack-Guard, a loud audible horn will be emitted from the unit .

FEATURES:

- ★ Excellent Training Tool for New Drivers
- ★ Increased Operator Efficiency
- ★ Automatically Senses Distance to Roof from Forklift Mast
- ★ Easy Installation & Adjustable Automatic Detection
- ★ Long-life nickel cadmium battery
- ★ Latest Ultrasonic Sensor Technology

Rack-Guard emits the sound immediately through the wireless configuration, and is a completely hands free device after setup is complete.



Built in the USA, using US components and technology!