

# HEAVY DUTY OBJECT DETECTION

## WASTE & RECYCLING

The waste and recycling industry faces daily challenges navigating in suburban neighborhoods and city streets. Keeping their workers, and the people and property around their vehicles safe and free from harm is at the heart of most waste companies goals.

Preco's line of object detection systems help protect the significant blind zones that exist around all waste vehicles so that vehicle operators and workers can concentrate on the job at hand; creating safer and more efficient work environment.

## ACTIVE SAFETY SYSTEM

With Preco's safety solutions in place, waste vehicle operators can focus on the job at hand, knowing that they will be notified if a person or object is in their blind zone.

Our radar-based collision mitigation systems provide the operator with an audible warning alert when an object is detected in the vehicle's blind zone. The addition of up to 4 cameras allows the operator to identify and locate the object in the vehicle's blind zone after receiving the audible alert.

## RADAR-VISION FUSION



PreView Plus Camera/Monitor

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## BLIND ZONE PROTECTION



PreView Radar

# BUILT TOUGH

Preco has been providing the waste and recycling industry collision mitigation systems for over 15 years. Each system is confined to effectively operate in harsh working environments faced by waste and recycling industries every day.

Our systems have survived the industry's most rigorous quality testing to ensure unstoppable performance in the harshest working conditions imaginable, so that operators can perform with greater confidence and peace-of-mind.

## PRODUCT HIGHLIGHTS



Worklight PreView



PreView Plus Camera/Monitor

<b>Detection Zone</b>	Adjustable from 3 to 6 Meters	<b>Screen Size</b>	7 Inches (18cm)
<b>Sensor dimensions</b>	11cm H x 26.6cm W x 3.5cm D	<b>Resolution</b>	WVGA (800x480)
<b>Communication Protocol</b>	CAN bus	<b>Brightness</b>	450cd/m <sup>2</sup>
<b>Operating Temperature</b>	-40°F to +185°F (-40°C to +85°C)	<b>View Angle</b>	70° / 70° / 45° / 55°
<b>Shock/Vibration</b>	25GRMS all three axis	<b>Operating Temperature</b>	14°F ~ 122°F (-10°C ~ 50°C)