

RCV Smart Loader Guide

What is RCV Smart Loader?

The RCV Smart Loader reduces the risk to workers when using Refuse Collection Vehicle (RCV) bin lifts in automatic mode.

How does RCV Smart Loader work?

The proximity warning system creates a zone around the bin lift at the rear of the RCV.

All operatives are issued with a tag.

When you use automatic mode and the bin is in place the lift will initiate.

If you are in the exclusion/bin danger zone wearing your tag:

- The SiteZone system prevents the full lift cycle occurring
- Your tag will vibrate
- The driver is alerted via the in-cab display
- A visual warning alert flashes at the side of each bin lift

Reload

If you are detected in the danger zone, you will need to remove the bin, reload, and take two steps back out of the danger zone.

Start Up

- When the vehicle ignition is turned on and the SiteZone system is powered, the **RED LED** on the in-cab push button display, located on the dashboard, will flash at a 1 second interval.
- Press the **RED acknowledge button** on the unit to complete self-test sequence
- The system is now activated

Note: If this operation is not done then the bin lift will not operate in automatic mode.

Correct loading – worker not in zone

- » Alarm not activated
- » Lift cycle completed as normal



Incorrect loading – worker in zone

- » Alarm activated
- » Lift cancelled



Key for diagrams

- Bin
-  Worker wearing tag
-  Exclusion /danger zone

In-cab display

