

Our Trucks



Our Classic Co-Collection Truck has been in service for many years and our new line of Automated Vehicles are packed with features!



The Co-Collection truck is still an efficient collection device which we use today.

One of the most common misconceptions about the co-collection vehicle is that paper products are thrown in with the waste to be disposed of. This couldn't be further from the truth. Understandably people associate the mixed container bucket as the recycling bucket and the waste and fibre hopper as the disposal hopper. The reality is that the co-collection vehicle is carefully divided into three separate compartments to ensure that materials sorted by you, the householder, can be kept that way. This way we can guarantee that everything will be recycled. The mixed containers are loaded into the bucket between the cab and the body. In the newer vehicles the bucket has been moved to the side of the truck. When the bucket is full, the driver activates a lever and the bucket full of material is lifted and delivered to the upper compartment. A ram then pushes the mixed containers into the body to be held until ready to unload.

Mixed fibres and waste are loaded through the opening at the front of the body behind the cab before being compacted into the body. The waste itself is loaded into the lower curb side hopper. The paper products are loaded through the same window as the waste, but are placed in the lower road side compartment.

The co-collection truck revolutionized our industry locally in the 1990's making curbside collection of waste and recyclables affordable for many rural areas for the first time ever. It will likely service a portion of these areas for some time to come.

The Automated Truck in action - notice the hand which is controlled from inside the truck



In 2008 we introduced the first Automated Truck in St. Marys and never looked back...

Our newest type of collection vehicle is the automated collection vehicle. These vehicles are the latest technology available for collecting waste and recyclables. While they are the latest technology, the concept is hardly new. The first vehicle equipped with a mechanical arm to collect standard containers was first used in 1969 by the city of Scottsdale, Arizona.

Today's vehicles are refined with the smoothest most accurate hydraulic control packed in a joystick like those used by game craving teenagers instead of a multitude of control sticks. Instead of collecting barrels they are used to collect wheelie bins. The new vehicles come in two configurations. One type has two compartments; one for recyclables and one for waste, perfect for co-collection in the rural areas where most of our time is spent driving from stop to stop. A moveable chute in the hopper diverts the material into the curbside or roadside compartment.

The other configuration has one compartment only to collect either recyclables or waste at a time. This configuration is very useful in recycling only communities or in very urban areas with a local landfill. In that latter, waste wheelie bins are collected first and the vehicle is emptied locally before collecting the recyclables and taking them back to our processing facility. The new vehicles will enable us to lower or maintain program costs while providing the residents with more capacity to recycle more. The vehicles virtually eliminate injuries common in our industry.

We currently have the automated collection program successfully running in three areas - St. Marys, Goderich and Seaforth, with more municipalities and communities being added in 2011. Our plan is to convert 90% of our households to this new system over the next three years. For more information about automated collection see [page 13](#).

Did You Know?

The new Automated Truck can service up to 180 stops per hour, an increase from the typical 80 stops per hour when done manually!

The recovery rate increased by 17% when implemented in St. Marys!

Injuries has been virtually eliminated with the new mechanical collection arm!

After the first six months an overwhelming 92% of the residents in St. Marys preferred the new automated system!