

Think Green, Think Clean



Automated Trash Collection / Roll Carts System

Greener Option for Future:
Less bag waste/reusable container

A reduction in employee injuries,
saving \$\$\$

Fewer employees needed:
Less difficulty & interruption in trash pick-up &
recycling as it gets harder and harder to retain
workers for trash collection

**Animal proofing & Weather
proofing**

**Tiered in size that easily fit into
your needs* (*Possibly & Hopefully!)**

What are roll carts?

Roll carts are partly wheeled trash cans. They have a special metal bar on them that allow them to be picked up by an arm on a garbage truck. For a family friendly video of this process, check out this video:

<https://youtu.be/0xTyKc6LGdY>.

How much are we paying for employee injuries?

Manual trash collection is one of the most dangerous jobs in municipal government, often leading to more injuries and fatalities than are suffered by firefighters and police officers.

Columbia workers visit 1,000 homes in a typical shift, hauling bags weighing up to 50 lb and sometimes containing dangerously sharp objects.

Between 2006 and 2016, **the collection operations accrued \$1.46 million in compensation claims.** Many of these injuries were sprains or strains caused by slipping and falling while getting in and out of the trucks, but there has also been reports of severe and even fatal injuries.

Why is it important to automate the process? How is it helpful to be greener?

The solid waste collection staff is split up into residential and commercial collection workers. As of December 2020, out of the 28 full time positions for residential waste collection, 12 were vacant. **Lack of staff was the main reason Columbia had to stop its recycling pick-up for a while, and it could happen any time.**