

# How Recycling Works

## STEP 1: Collect

**RECYCLE THIS**

Paper & Cardboard



Aluminum & Steel Cans



Plastic Bottles & Jugs



Glass Jars & Bottles



Cartons



**NOT THIS**



Hazardous & Flammable Items



Cassettes & VHS Tapes



Plastic Bags & Film Plastic

Wire & Hangers



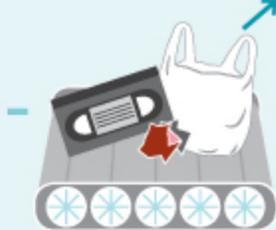
Hoses & Chains



## STEP 2: Sort



Recyclables are unloaded at Rumpke's Material Recovery Facility (MRF) and emptied into a large pile on the tipping floor



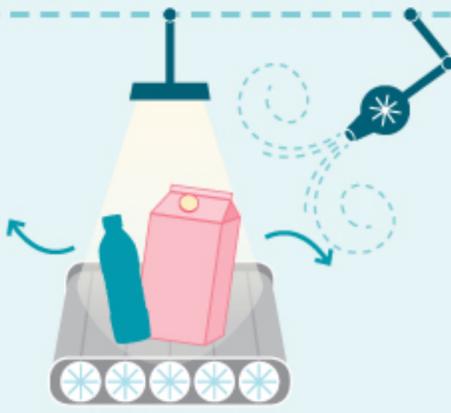
Trash is removed



Paper floats atop spinning disks while containers drop to a separate belt



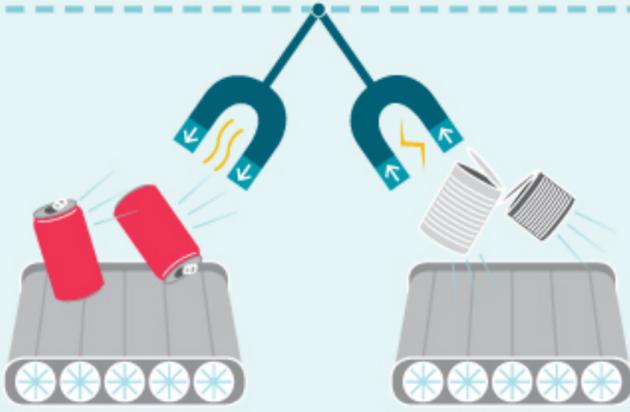
Cardboard is separated from the mix



Optical scanners use infrared light and air jets to sort plastic bottles and cartons



Glass is broken and sifted throughout the process



Electromagnets repel aluminum cans

Overhead magnet lifts and removes steel cans



Broken glass is cleaned of paper debris using bursts of air



**SORTED RECYCLABLES** are baled into large cubes weighing up to 2,000 lbs. then shipped to manufacturers



**DOMESTIC & EXPORT MANUFACTURERS** create new products

## STEP 3: Make New Things



Glass Bottles & insulation



Aluminum Cans in 60 days!



Steel Cans & appliances



Paper Towels & tissue paper



Drainage Pipe & industrial strapping



Paper Products & newspaper



Learn more at [rumpke.com](http://rumpke.com)