

Rumpke of Columbus, Ohio

Facility Fact Sheet

Rumpke Recycling History

- Rumpke opened its first material recovery facility (MRF) in 1989 in Circleville, Ohio. The company now owns and operates 11 recycling centers in Ohio and Kentucky.
- Rumpke began its Columbus operation in 1992. Single stream technology was installed at the Columbus MRF in 2002.
- In 2009, Rumpke began a two-phase renovation of the Columbus MRF. It reopened in August 2011 after two years of construction to implement structural enhancements and install top-of-the-line recycling equipment.

General Information

- Location: 1191 Fields Ave., Columbus, Ohio, 43201.
- Employment: Rumpke employs nearly 300 people from its Columbus location, including drivers, mechanics, equipment operators, laborers, office personnel, sales representatives and managers/supervisors.
- Rumpke operates a material recovery facility (MRF), hauling operation, transfer station, portable restroom division and maintenance garage from its Columbus location.
- The Columbus hauling operation consists of about 160 trucks.
- Rumpke provides roll off (industrial), front load (commercial) and residential collection services for recyclables and waste throughout Central Ohio.

Capabilities and Processing at Rumpke's Columbus MRF

- The MRF uses single stream recycling to sort material at 60,000 to 80,000 pounds per hour.
 - Single stream recycling uses mechanical sorting to separate recyclables by type of material.
- During the process, cutting-edge equipment, advanced technology and more than 2,530 feet of conveyor belt work together to separate and process unsorted recyclables.
 - Optical scanners use infrared light, which each material reflects at a unique angle. Specific angles trigger a burst of air that ejects the associated material from the stream. There are five optical scanners in the MRF.
 - Eddy currents are produced by an electromagnet to repel and remove aluminum cans.
 - Disc screens separate paper, which floats on top of the spinning equipment while other material falls through the spaces between discs.
 - Overhead magnets remove steel cans
- The sorted materials are then sent through a baler to make large bales of recyclables weighing up to 1,500 lbs.
- The MRF's comprehensive mixed-glass cleanup system uses air and mechanical separation to remove contaminants and prepare glass for use as a raw material by the glass container and fiberglass insulation industries.
- The Columbus MRF serves as a regional processing facility for recyclables from throughout Ohio, Kentucky and West Virginia. Recyclables collected at Rumpke facilities in Chillicothe, Circleville, Ironton, Mansfield and Mt. Vernon are transported to Columbus for sorting and processing.

Contact Information

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Blendon Township Guidelines

Trash, Recycling & Yard Waste Day: Friday

General Info: Place all containers at the curb or designated location the evening before collection, as service could begin early in the morning. Residents age 60 and over who are the head of household are entitled to a discount. Contact Rumpke or your municipality's administrative office for details.

Trash & Yard Waste Containers: Each resident is responsible for providing trash and yard waste containers. All trash must be placed in bags or containers. Cardboard containers may be used for bulky or loose materials. Wet cardboard containers may not be collected. Each container must weigh less than 50 lbs. You may also rent an extra-large trash cart from Rumpke for \$3 per month.

Bulky Items & Appliances: Rumpke will collect bulky household items (such as appliances, carpet, furniture, child play equipment and mattresses) from the curb on your trash service day. Please call Rumpke 24-hours in advance.

Appliances with Chlorofluorocarbon (CFC): For appliances such as refrigerators or personal air conditioner units, the CFC must be removed by a licensed technician prior to collection, and the removal certification must be attached to the appliance. Contact Rumpke with questions about CFC removal.

Yard Waste Guidelines: Yard waste includes organic waste generated during regular household gardening and landscaping (i.e. grass clippings, leaves, twigs, branches, and shrubbery).

Branches: Cut branches to 4 ft. or shorter. Tie into bundles with string or twine (no wider than 2 ft.).

Loose Material: Place it in biodegradable bags or rigid containers marked "Yard Waste." **Do not line with plastic bags.**

Weight Restrictions: Each container, bag or bundle must weigh less than 50 lbs. Containers meeting this requirement will likely have a 30-35 gallon capacity.

Unacceptable Items: Examples include plastic bags, plastic pots, food waste, rocks and dirt. Please call Rumpke with questions.

Holiday Trees: Please remove all decorations, cut trees and limbs to 4 ft. or less, and bundle limbs with string or twine. **Do not place in plastic bags.**

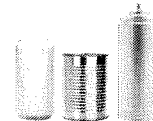
Curbside Recycling Guidelines: Rumpke provides each residence a recycling container. Contact your municipality's administrative office for information about additional recycling containers.

You Can Recycle:

Mix all items together in your recycling container. No separation required.

Metal Cans

Empty, crush.



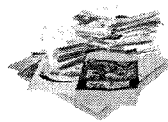
Cartons

Empty, crush.



Paper Products & Cardboard

Flatten boxes.



Glass Bottles & Jars

All colors accepted.



Plastic Bottles & Jugs #1-7

Empty, crush, reattach lid.



Not Acceptable for Recycling: Plastic bags, garbage, food, yard waste, electronics, buckets, butter tubs, food trays, syringes, light bulbs, drinking and window glass, batteries, car parts, ceramics, dishes, pots, pans, cups, VCR tapes, utensils, foil juice pouches and non-bottle plastic items.

Rumpke Holiday Schedule:

If the actual holiday occurs on a weekday, your service day will be **SATURDAY**.

If the actual holiday occurs on Saturday or Sunday, your service will not be affected. It will remain as scheduled on **FRIDAY**.

Rumpke observes the following holidays:

- Memorial Day
- Thanksgiving Day
- Independence Day
- Christmas Day
- Labor Day
- New Year's Day

Visit www.rumpke.com for holiday schedules and weather updates.

Columbus Recycling Facility

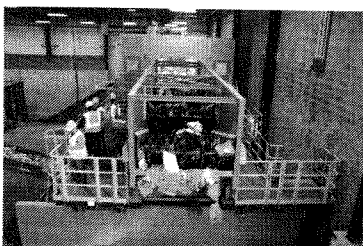
Equipment & Technology



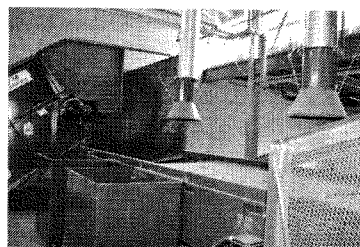
Tipping Floor & Drum Feeder
When trucks reach the facility, recyclables are unloaded onto the tipping floor and into the drum feeder, which loosens the compacted recyclables to facilitate the sorting process.



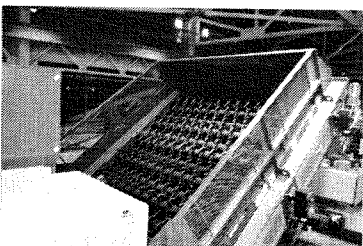
Overhead Magnets
A high-power magnet attracts and separates steel cans. Non-ferrous aluminum cans are sorted with an electromagnet, which induces an eddy current to repel them from the conveyor.



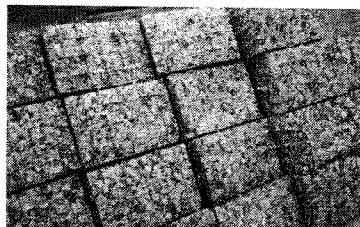
Pre-Sort & Cardboard Screen
Mixed material travels by conveyor to a pre-sort station, where employees remove unacceptable items. Cardboard is separated using a series of spinning discs.



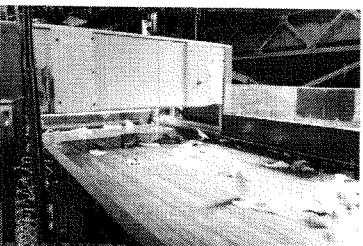
Plastic Bag Vacuums
An overhead vacuum system helps Rumpke manage plastic bags, which jam and damage equipment. Employees manually remove bags from the conveyor and hold them up to the shoots, which suction them away.



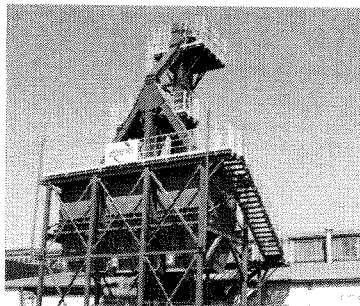
Disc Screens
With cardboard sorted, recyclables pass over rows of spinning discs. Paper products are carried overtop the screen, while bottles and cans drop through gaps in the discs on a conveyor below.



Baler
Once sorted by type, one material at a time is pushed from a storage bunker into the baler. Cubes of compacted recyclables emerge from the other side. Bales are shipped to end markets to make new products.



Optical Scanners
Five scanners use infrared light to detect and sort plastic bottles, paper and cartons. The reflection of each material triggers an air burst, which shoots the item from the conveyor into a separate bunker.



Glass Silo
Glass bottles and jars are broken throughout the system and sorted using a series of screens. The resulting mix is temporarily stored in an on-site silo, which empties throughout the day into trucks and travels to Rumpke's Regional Glass Processing Facility in Dayton, Ohio.



Flat Fraction Separator
Industrial-strength fans spin in reverse overtop the conveyor to suction small pieces of paper from the heavier materials passing beneath.

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What You Can Recycle

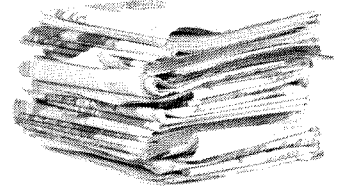
PAPER



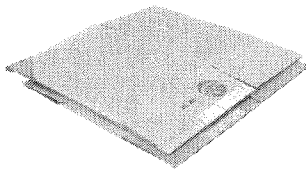
Office paper,
junk mail, folders



Magazines, catalogs and
telephone books



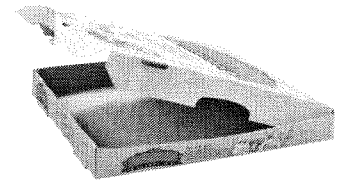
Newspaper, including inserts



Cardboard
(flattened to fit in your bin or cart)

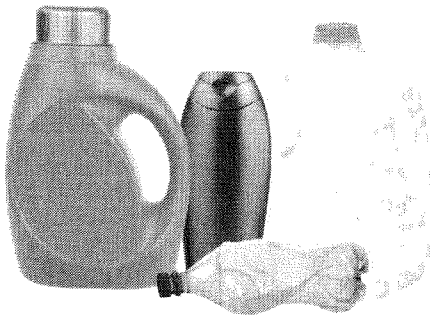


Paperboard



Clean Pizza Boxes

PLASTIC BOTTLES & JUGS

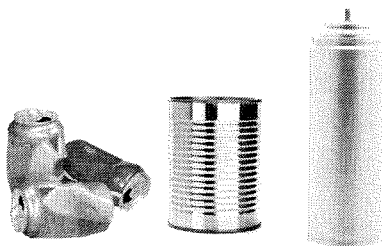


CARTONS



(caps and straws removed)

METALS



Aluminum cans, steel & tin cans

GLASS BOTTLES & JARS



(any color)

UNACCEPTABLE MATERIALS

- Plastic bags
- Styrofoam
- Medical sharps or syringes
- Window or drinking glass
- Coat hangers or scrap metal
- Plastics that are not bottles or jugs

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