

HOW RUMPKE RECYCLING WORKS

RECYCLE THESE



PLASTIC BOTTLES & JUGS



GLASS BOTTLES & JARS



PAPER & CARDBOARD



CARTONS



METAL CANS

NOT THESE



CLOTHING & TEXTILES



NEEDLES



PLASTIC BAGS



BATTERIES



HOSES & CHAINS

RUMPKE RECYCLING FACILITIES



1. St. Bernard, OH
2. Columbus, OH
3. Dayton, OH (2)
4. Chillicothe, OH
5. Mansfield, OH
6. Elmwood Place, OH
7. New Miami, OH
8. Louisville, KY
9. Medora, IN
10. Medina, OH

HOW ARE RECYCLABLES SORTED?



DRUM FEEDER

Creates a consistent flow of material from the tipping floor to the pre-sort line.



PRE-SORT AREAS

Trash is removed.



CARDBOARD SCREENER

Rotating discs remove the cardboard from the stream.



GLASS BREAKER

Glass is broken on the screen, conveyed to a bunker and sent to Rumpke's Dayton Glass Processing Facility.



PAPER SCREENER

Rotating discs separate the paper from the containers.



OPTICAL SCANNER

Infrared light shines on the conveyor belt. The designated material (paper, cartons or plastic) is identified by a scanner and separated using bursts of air.



OVERHEAD MAGNET

Attracts the steel cans.



EDDY CURRENT

Rare earth magnet repels the aluminum cans and causes them to "jump" onto the designated belt.



BALER

Compacts the material into bales to be sold and made into something new.

WHY RECYCLE?



- Saves natural resources and energy
- Reduces amount of waste going into landfills
- Reduces pollution
- Creates jobs and helps the economy
- Recyclables are made into new products
- Protects wildlife habitat

JOBS



- Drivers
- Sorters
- Safety
- Heavy Equipment Operators
- Mechanics
- Engineering
- Industrial Maintenance Technicians
- Housekeeping
- Finance
- Customer Service
- Commercial Recycling Sales Reps
- Commodity Marketing