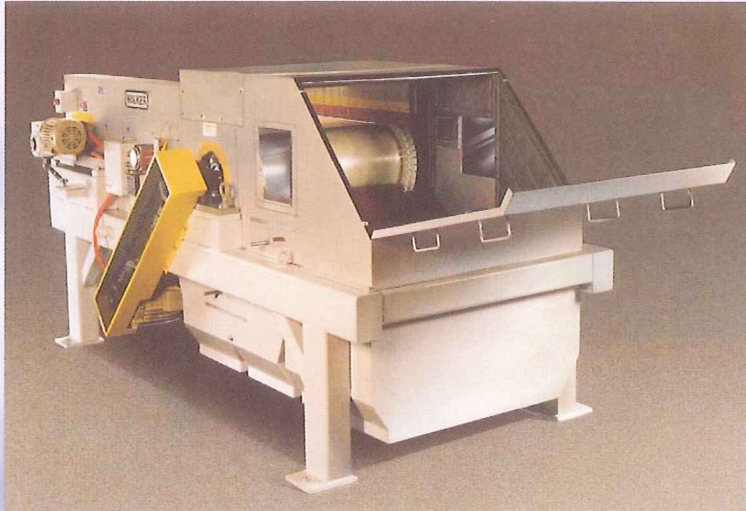




**WALKER
MAGNETICS**

Magnetic Solutions Since 1896

EDDY CURRENT SEPARATION EQUIPMENT

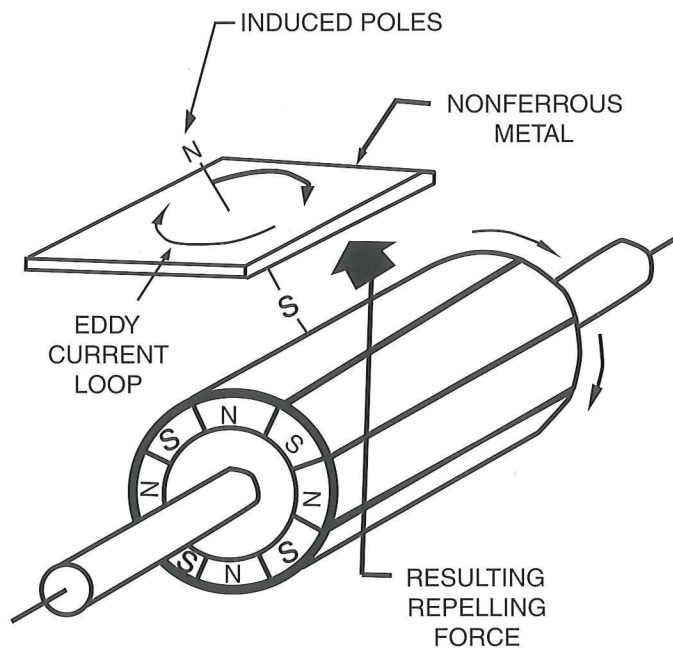


**SEPARATION OF
ALUMINUM AND OTHER
NON-FERROUS
METALS FROM YOUR
PROCESS STREAM
MUNICIPAL WASTE
(MSW), ASH, SCRAP
AND OTHER
RECYCLABLES**



EDDY CURRENT SEPARATOR

How Eddy Current Separation Works:



Eddy Current Separation is based on the use of a magnetic rotor with alternating polarity, spinning rapidly inside a non-metallic drum driven by a conveyor belt.

As non-ferrous metals pass over the drum, the alternating magnetic field creates eddy currents in the non-ferrous metal particles repelling the material away from the conveyor.

While other materials drop off at the end of the conveyor, the non-ferrous metals are propelled forward over a splitter for separation.

Typical Applications:

- ◇ Recovery of aluminum cans from commingled recyclables
- ◇ Stainless steel, copper, aluminum, brass from shredder residue and fluff
- ◇ Non-ferrous metal recovery in refuse streams and ash streams in Waste-to-Energy facilities
- ◇ Separation of non-ferrous chips
- ◇ Aluminum scrap recovery in foundry sand reclamation

Walker Magnetics, offering magnetic solutions since 1896, can design and manufacture complete Eddy Current Conveyor Systems or simply furnish Eddy Current Drums or any other piece of Magnetic Separation Equipment to meet your requirements. Complete systems can be designed into new separation facilities or incorporated into existing installations. For technical assistance, contact WALKER with your specific application.

Features:

- ◇ Rugged Tubular Frame
- ◇ Heavy-Duty Bearings and Motors
- ◇ High Quality Motor Controls and Drives
- ◇ Heavy Duty Urethane Belt with Side Skirts
- ◇ High Powered Neodymium-Iron-Boron Magnets
- ◇ 10", 14" and 16" Diameter Rotors for every application

WALKER RARE EARTH EDDY CURRENT SEPARATOR

High Power, Heavy Duty Series with Variable Speed Drives

