

SEPARATING CHOPPED WIRE



Design Requirements

1. Product Type: Recycled Wire - non-ferrous copper and/or aluminum mixed with plastic insulation.
2. Material Density: 20-90 pcf
3. Capacity: 10-15,000 pphr.
4. Duty: 8 hours / day

Customer Challenge

A large metals recycler needed replacement density separators for one of its processing lines.

Triple/S Solution

Triple/S proposed Pace T-20 separators for this line. Proven design for handling minerals and making fine distinctions of density.

Independent control and adjustment of:

- Slope adjustable in two different planes
- Fluidizing air pressure
- Infinitely adjustable output selectors for fine tuning of the discharged material.
- Operating frequency
- Air pressure distribution

This offers a spectrum of density ranging from Heavy to Light. Generally, 3 outputs are taken, Heavy, Light and a Middling that offers the opportunity for more processing to better classify the size and/or shape and eventual classification as Heavy or Light. Optional features include:

- Eccentric total stroke lengths, short or long
- Porosity and texture of material contact deck surface
- Electronic control of operating frequency and airflow

Triple/S and the Customer

This customer has over sixty-five pieces of Triple/S equipment.