



ORANGEREPORT

RECYCLING INDUSTRY

ProSort Metal Sorter Solves Liberty's Problems



PROSORT AIRLESS METAL RECOVERY SYSTEM



STAINLESS STEEL SEGREGATED IN DUAL MODE OPERATION

Note: Some safety warning labels or guarding may have been removed before photographing this equipment.

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Problem:

[Liberty Iron & Metal LLC](#), based in Erie, Pennsylvania, a full-service yard that handles ferrous, nonferrous, nickel alloys and stainless steel scrap, was unhappy with their metal sorter. They didn't like dealing with its associated air requirements; the expense, maintenance and freeze-ups in the winter. They also found that the recovered nonferrous metals were very dirty.

Solution:

Eriez owned an airless motorized paddle separator and was interested in refining it. After several meetings to discuss Liberty's needs, Eriez installed a 26-inch wide prototype [ProSort](#) airless metal sorter separator for field-testing at Liberty's facility. The goal was for the machine to clean up the nonferrous metal recovered from the existing air sorter. The unit was installed at Liberty outside in the elements with only a small metal roof over it.

Result:

ProSort operated flawlessly with none of the problems associated with an air sorter. It ran in gritty wind, rain, sleet, snow and ice. In fact, after seeing firsthand the outstanding performance and results the prototype unit offered, Liberty ordered an 84-inch unit to replace the 26-inch prototype machine after only eight months of operation.

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