



HERTLEIN INDUSTRIES INC.

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## Waste Automation Press



### Automation Today In The MRF

Robotic sorting is the newest technology featuring AI (artificial intelligence) and provides accuracy and speed in multi-commodity sorting. It's an exciting time to participate with growth and positive change for the environment. There will be less recyclable materials in landfills, which is energy efficient. My experience has shown me the most significant difference between machines and humans is reliable automation with a highly intelligent software but it can't tell you jokes!

Robotic Sorting processes at a reduced cost per ton. These Robots have the capability to continuously learn and improve their own efficiency. What makes today's Robotic sorting systems so effective is the significant improvements in Sensor and Vision technology. They are fast and can be directed with a few remote controls to pick different commodities on the same physical sort line. This makes it possible with a single system for a smaller operator to process many and varied waste streams in the same day. Unlike other types of Sorting Automation the Robotic Systems today do not require a lot of additional machinery to prepare the waste stream. These machines are very friendly to your carbon footprint as well. They consume small amounts of energy to accomplish big results.

#### PROS:

- "AI" allows the robot to be adaptable
- Greater Safety
- Consistency
- Reduce Direct Labor Costs

#### CONS

- Initial Cost
- Ongoing Maintenance
- Expertise

Hertlein Industries (HII) provides superior systems integration with the customers' existing control systems. This comes from 45 + years of working with customers to integrate new technology to raise efficiency & profitability. HII can provide simple machine integration and large high volume multi machine integration. We thrive on the challenge to improve your facility.



#### Inside this issue

Automation Today for the MRF

#### Special points of interest

- Robots show up for work 24/7 No Sick Days