

AMP™

AMP ONE™ - Facility Solutions
Automated, Intelligent Sortation Services

CAPTURE MORE VALUE

AMP **designs, builds, and operates** advanced, cost-competitive facilities to sort **single-stream recycling** and **municipal solid waste (MSW)** using artificial intelligence and automated sorting technologies



AMP

At a glance

- Founded in 2014, headquartered in Colorado
- Automation systems deployed across the United States, Canada, Europe, and Japan
- Building and operating next-generation AMP ONE facilities for MSW, single stream, and MRF residue
- End-to-end service provider, not an equipment manufacturer

What are we solving for with
MSW SORTATION?

- **Disruption in flow** of MSW to disposal

- **Increase recycling** through MSW Sortation

- **Lower Costs** than Disposal through Recycling of Materials; Capital and Operating Expenses

- **Operational Parameter visibility and contractual performance**

CASE STUDY

Background

- Changes at the Waste to Energy incinerator forced it to close

- In the meantime, Authority needed to move those volumes into the landfill it owns

- Authority began looking at long term options to divert as much as possible from disposal at the landfill

CASE STUDY

Solid Waste Authority Goals

- Divert volumes from authority landfill

- Extend life of landfill by decades

- Decarbonization of Solid Waste infrastructure

- Increase circularity of materials

- Economic viability and long term agreement

- Flexibility to manage future, unknown, waste stream characterization changes

- Ongoing contractual performance metrics

AMP Solution:

SORTATION AS A SERVICE

- AMP Partnered with Solid Waste Company on the **design, install, & operate sortation** of MSW at their Transfer Station

- Operated significant Pilot (2,500 tons per month) last ~2 years and **diverted 58% of MSW** from disposal

- 92.5% uptime and 99% Recovery Rate

- Selected by Solid Waste Authority through RFP process to manage **450,000+ Tons Per Year** - contract to be finalized in next 60 days

THE POWER OF AI

- Provides unprecedented **flexibility**, worry-free operations, and **designed to meet individual community priorities**

- Delivers a **data-driven plant** for unmatched uptime, maximum diversion, recovery & commodity purity

- Adapts dynamically to shifting material streams, driving **seamless market responsiveness**

- Reduces capital and operating costs while **maximizing diversion** and extending landfill life

AMP Jet & AMP Vision

The lowest cost, most flexible, advanced sorting device in the industry

- Smarter Sorting, Smoother Operations
- Vision Beyond Optical
- Data-Driven Plant Performance
- Quality, Speed, & Neural Network redefines the role recycling works within Solid Waste Programs
- 15, 25, and 50 TPH systems - operate in parallel and at multiple locations as needed



AMP ONE EDGE



Significantly Lower Labor Costs

Unparalleled sortation without the inconsistency of manual sorters



90%+ Target Material Recovered

Best-in-class recovery rates without touching a human hand



High Speed, High Flexibility

Highly configurable to target the value in your material stream



Capture More Value

Reduce the value lost to landfills or lower-value mixed bales



Extended Producer Responsibility

Fulfill existing and upcoming EPR requirements with future-proof technology



Scalable Growth

Compact and modular design, easy to scale capacity over time

SORTATION-AS-A-SERVICE

With AMP ONE's pay-per-ton model, you get guaranteed performance and predictability at a competitive price.

We build it. We run it. We win together.

System Operator

✔ AMP

All Maintenance

✔ AMP

Plant Upgrades

✔ AMP

Whole-Plant Optimization

✔ AMP

Sourcing, Offtake, Disposal

✘ Customer ✔ AMP

“Despite all the innovations and technology, despite all the investment, despite all the effort of operators and different stakeholders in the industry, recycling rates have been stagnant for about 15 years here in the United States.”

LEARN MORE

Come see me at AMP's booth

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Matanya Horowitz
CTO and Founder