Waste Processing Solutions
Why Choose Green Machine®

Green Machine® is the waste and recycling industry’s only fully-integrated systems provider. Green Machine® controls all aspects of the design, manufacturing, installation, and commissioning process. Unlike our competitors, we don’t rely on acquisitions and marketing agreements. The success of our product-line is solely a result of the hard work by our dedicated employees. Furthermore, Green Machine® uses only American-made parts, guaranteeing the integrity and durability of our recycling systems. This, coupled with our own UL listed panel shop, ensures our customers have both local access to parts and immediate responses to technical issues. Having over 30 years in the industry, Green Machine® provides an unmatched level of personalized service and satisfaction that others promise, but only we deliver, all at the lowest cost.

**DESIGN** engineers work together with customers to build exacting 2-D and 3-D models pre-manufacturing, guaranteeing the ideal solution.

**MANUFACTURING** our entire product-line ensures unrivaled quality control and system performance.

**INSTALLATIONS** are performed entirely by our own installation crews including mechanical assembly, field wiring, commissioning, along with operations and maintenance training.

**PARTS & SERVICE** personnel are readily available in person and online to ensure your system remains running smoothly and replacement parts are shipped to you immediately.

**UL LISTED PANELS** are built at our own panel building shop. Our programmers assure a clean system start-up and offer SCADA system management software to guarantee your system runs as efficiently as possible.

**RESEARCH & DEVELOPMENT** efforts driven by collaborations with our customers pushes our engineers to lead the technological frontier of recycling equipment and systems integration that allows Green Machine® to provide the industry’s most advanced recycling systems.

**GREEN MACHINE BROKERS** offers customers the opportunity to sell their used recycling systems and equipment. Thanks to our marketing campaigns and advertising partners, Green Machine® reaches an extensive audience of waste and recycling professionals and consumers, guaranteeing your decommissioned equipment is sold at the highest value. We schedule on-site visits with potential buyers to see your equipment in person, which is key to getting the best price. Green Machine® will also take your old equipment in on trade as credit towards new recycling equipment, a new recycling system, or a system retrofit. Visit our brokerage website at: www.greenrecyclingequipmentbrokers.com
Single Stream Recycling Systems

Single stream recycling is a system designed to collect, transfer, and process recyclables together making it unnecessary to separate newspaper, office paper, cardboard, gable top cartons, tin, aluminum, plastics, and glass into different bins.

This system has gained popularity because it incentivizes consumers to recycling more, leads to lower collection and processing costs, and prevents re-usable material from being landfilled.

We at Green Machine® are proud to be the only company in America to offer turn-key single stream recycling systems completely designed, manufactured, and installed in-house.

This unrivaled level of experience and expertise guarantees that your single stream recycling system is built the right way, on-time, and provides the highest return on investment.

8-18 TPH Processing

18-40 TPH Processing

40-70+ TPH Processing
Mixed Waste & MSW/RDF Processing

Mixed waste & MSW/RDF processing is the final evolution of single stream recycling. Non-source separated waste is separated into organics, recyclable commodities, and feedstock for waste-to-energy conversion processes.

Commercial & Dry Waste

Commercial & dry waste separation systems process industrial and commercial commingled waste streams that primarily includes bulky cardboard, office paper, mixed recyclables, and trash.

Plastic Recycling

Plastics recovery facilities ("PRF’s") sort mixed plastics into separate polymer grades by utilizing our patented Green Eye® Hyperspectral Optical Sorters. Plastics are then flaked and pelletized for reuse.
Construction & Demolition

“C&D” systems separate mixed construction demolition debris primarily consisting of aggregates, wood waste, metals, fibers, plastics, textiles, and organics soils, into separate groups.

E-Waste

E-Waste recycling systems process electronics waste including computers, TV monitors, cell phones, etc... and recover valuable commodities to be reused or recycled.

Scrap Processing

Scrap processing systems recover and recycle scrap yard waste including auto waste, ferrous and non-ferrous metals, etc...
GreenEye® Robotic Sorter  
Hyperspectral Technology  
GreenEye® Optical Sorter

Automation & Processing Versatility

GREEN MACHINES® Patented Hyperspectral Technology produces the industries most versatile and exacting automated sorting platform. GREEN EYE® Optical and Robotics Sorting technologies have revolutionized the recycling industry. Since our first deployment in 2007 GMS engineers have continued to perfect our patented 3D artificial intelligent high speed full spectral collection systems, driving a wide variety of optical and robotic sorting platforms. High speed sorting of difficult to identify materials such as All Paper Grades, Polymers, C&D products, Textiles, E-waste, ASR, Organics and much more. Both positive, negative and mixed sorts are achieved through simple training methods. Each system can be trained to sort any material commodity without exception. Single use sorters are a thing of the past.

GREEN EYE® Product Testing Facility located in Hampstead, NH is prepared to provide exhaustive testing of your difficult to sort products ensuring success prior to deployment.

UNITED STATES PATENT #: 9,950,346  CANADIAN PATENT #: 2,688,805
The processing/sorting of residentially collected mixed recyclables traditionally comprised of newsprint, office paper, cardboard, gable top cartons, tin, aluminum, plastics and glass.

Single Stream Recycling has gained popularity through collection cost savings and increased recycling participation. Additionally, many designs are capable of simultaneously processing mixed commercial and industrial Dry Waste. Our innovative design technologies offer both low-cost and highly automated recycling solutions that enable cost-effective efficient dual-stream conversions.

Our quickly evolving technology solves a multitude of industry material processing problems with efficiencies exceeding 94% at ever-increasing sort speeds. This, coupled with our own UL listed panel shop, ensures our customers have both local access to parts and immediate responses to technical issues. Having over 30 years in the industry, provides an unmatched level of personalized service and satisfaction that others promise, but only we deliver, all at the lowest cost.

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WEIGH THE DIFFERENCE

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