Machinex is an industry leader in engineering, manufacturing, and installing Material Recovery Facilities all around the world. As an expert in sorting technologies, Machinex provides turnkey systems, along with custom-built and flexible solutions, to help ensure our customers remain ahead of the competition.

**Customer’s Experience**

“Machinex has met our expectations with regards to design, construction, and installation of our Construction and Demolition Debris Recycling Facility; furthermore, our C&D recovery system has increased our recycling goals and has became part of our Integrated Waste Management Program.”

– Tim Lamontagne, Public Utilities Manager, Lee County Solid Waste Division

Dedicated Service and Support

Service and support are paramount to overall operating success. In fact, having a single source just a phone call away is critical to ensure maximum plant uptime. Once your Machinex equipment is installed, our service & support team will be ready to assist you. They are 100% dedicated to the optimization of operations and are there to serve you!

Machinex Construction & Demolition Recycling Systems maximize recovery rates and material quality, as well as minimizing the volume of residual waste to be landfilled.

Our solutions are made to maximize the separation of commingled debris such as: wood, ferrous and non-ferrous metal, cardboard, plastics, polystyrene, gypsum, asphalt shingles, concrete rubbles and mixed rocks.
Machinex offers two types of systems in C&D recycling waste; either a dry or a wet system. Whether you prefer a pre-shredding or a grapple loading, Machinex offers systems to achieve maximum recovery.

**Systems Type**

**Dry System**

We can provide a wide range of dry C&D sorting systems, from simple manual sorting lines to full-blown wood grading optics.

**Wet System**

The wet sorting system includes sink float tanks for high wood recovery rates.

**Screening Equipment**

Different types of screening separators to sort materials by sizes.

- **MACH C&D Screen**
- **Flip-Flop Screen**
- **3D Trommel**
- **Vibrating Finger Screen**

**Optical Sorting for Wood – MACH Hyspec®**

Machinex optical sorters have proven their accuracy and efficiency on wood sorting in C&D systems. The unique hyperspectral recognition technology detects the grades of wood: treated vs untreated.

Maximize efficiency & purity while minimizing operational and labor costs.

**Wood Hog Shredder**

Creates a variety of final wood products and expand markets.

**MACH Vortex**

This Machinex heavy-light separator sorts material based on density and shape with a very high throughput capacity.

**Heavy fraction sinks while wood floats and gets clean.**

**Recover**

nearly 98% of incoming wood with a 99% purity.

**Dry system of a 50 TPH average**
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