



Now more than ever, we recognize our responsibility to our communities and our families to preserve the environment. At Frazier Industrial, we consistently seek environmentally efficient processes to reduce our carbon footprint and to help combat global warming. This is not a new objective for us. Since our beginnings in 1949, Frazier has looked for energy efficient and clean manufacturing methods to produce our structural steel storage systems. We have proudly responded to requests made by environmentally conscious customers, like Proctor & Gamble, Unilever and Nestle, to demonstrate our commitment to a greener way of doing business. Here are a few examples of Frazier's GREEN initiative:

Raw Material Sourcing

- ✓ The raw material used for our rack systems is 100% commercial hot-rolled steel sections, sourced only from North American mini-mills.
- ✓ Mini mills use **100% recycled scrap material**.
 - Carbon steel has the highest recycle rate of any basic raw material.
 - Some of our mini-mills add carbon content to their steel by adding recycled steel-belted tires.
- ✓ Raw material scrap produced at our 11 manufacturing facilities is 100% recycled. The raw material scrap produced in the manufacture of roll-formed products is also 100% recyclable.

Energy Savings

- ✓ Frazier's manufacturing process requires minimal electric energy and heat during fabrication.
 - Structural sections arrive at the fabrication site pre-formed.
 - Fabrication is limited to cutting, punching and welding, which requires minimal electrical input.
 - Frazier's manufacturing processes utilize only the occasional water-soluble lubricants which evaporate without the necessity of added cleaners.

Temperature Controls

- ✓ Heating and cooling on the plant floor is limited to equipment occupied areas, avoiding the waste associated with having to fully heat or cool unoccupied areas of the facility.
 - Cooling systems are utilized only to maintain the temperature of critical machinery and remain dormant during moderate temperatures.

Eco-Friendly Production & Paint Processes

- ✓ Frazier applies an environmentally friendly **bundle-dip coating** process to all finished components. This dipping process uniquely covers product surfaces and joints while recovering all run-off for reuse.
- ✓ This extensive & thorough paint coverage reduces susceptibility to rusting and allows us to move finished goods to outside storage relatively quickly. This also limits the amount of finished goods storage required inside our plants. We use a maximum of 15,000 square feet for finished material in a 100,000 square foot facility.
- ✓ Materials do not require the introduction of degreasing or chemical cleaning products prior to painting.
- ✓ Frazier's dipping process utilizes the lowest VOC materials available which creates limited compliant emissions.
- ✓ Chilling and/or heating systems are rarely required to maintain paint temperature and to assure proper coverage. The resin in the paint used in Frazier's dipping process is not temperature sensitive, therefore requiring minimal chilling or heating in moderate environments.

Logistics & Fuel Efficiencies

- ✓ Frazier's strategic manufacturing and logistics network is structured to reduce travel distances and fuel requirements for both inbound raw material shipments and outbound finished goods deliveries.
- ✓ Our 11 plants are within 500 miles of all major population centers in N. America and within 100-400 miles of our raw material suppliers, reducing travel time and fuel expenses by as much as 60%.

Contact us to see how Frazier storage rack systems can contribute to a Greener way to warehouse your products.

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