

Innovative Process Solutions for Plastic and Chemical Applications

At Horizon Systems, we know your reputation is based on the quality and consistency of the products you produce. That's why we focus on the complete end-to-end process. Whether you're building a new production facility for your plastics or chemical process or looking for innovative ways to enhance the efficiency, safety and reliability of your existing one, trust us to be there with material handling and process solutions that fit your unique needs.



Ingredient Management that Meets OSHA and NFPA Standards

We design our engineered solutions to safely convey a wide assortment of raw materials directly from the rail car or truck into pre-process storage. Our Intelligent Ingredient System precisely manages proportioning routines and controls the entire process to ensure consistency and quality – all while reducing explosion risks and removing nuisance dust.

Trust Horizon Systems for All of Your Custom Processing System Needs

We custom engineer and manufacture our process systems to fit each customer's unique needs. Our attention to detail doesn't stop there, though. Our Project Managers and Field Service team are available to help with installation, commissioning and training. We'll make sure your system is operating as designed and will be there to support you with complete maintenance, repair and upgrade services.

OUR AREAS OF FOCUS:

- Compounding
- Composites
- Pipe
- Windows
- Siding
- Fencing
- Polymers
- Fertilizers
- Synthetic Rubber
- Pigments
- Carbon Black
- Detergents



Top-Down Model for PVC Compounding

In the traditional approach to PVC compounding, all bulk, major and minor ingredients get conveyed pneumatically to receivers at the top of compounding tower. Those ingredients are then gravity fed through the mixing system for compounding.



Watch Video



Bottom-Up Model for PVC Compounding

Horizon Systems bottom-up blend system for PVC compounding allows for a lower building head height by housing more equipment at ground level and makes equipment easier to service.



Watch Video



The Smartest Way to Manage Ingredients

Our flexible, matrix-based Intelligent Ingredient System automates the access and storage of ingredients while keeping combustible dust, labor-intensive housekeeping and your operational footprint to a minimum.



Learn More

