

# Automated Solutions



## FEATURES:

- Dry & liquid material handling systems (bulk, minor & micro)
- Batching & blending automation
- Complete plant process control systems
- Micro & minor material weighing systems

With more than 30 years of automation experience, Prater-Sterling offers many solutions for manufacturing control systems including, integrating personal computers, programmable logic controllers and equipment for weighing, batching and process control systems.

## MANUAL WEIGHING SYSTEMS

Windows based hand prompt batching controls provide accurate minor ingredient weighing. Operator interface panel used in conjunction with a scale to sequence operator through pre-programmed formula, one ingredient at a time.

## MINOR & MICRO MATERIAL WEIGHING SYSTEMS

Modular systems that occupy less floor space, provide efficient ingredient proportioning with reduced batch times and provide the highest weighing accuracy. The weighing systems are designed around the application requirements, bin volumes, feeder type and size, scale capacity and product contact area construction can all be customized. Systems are provided with batching controls that provide formulation storage and inventory of raw materials and finished batches along with real-time batching status, weighments, batching status and "material in suspension" correction. Systems are easy to implement and allow for unattended operation after system start-up.

## COMPLETE PLANT AUTOMATION

Have a need to automate a small process or a complete facility? Whether your application is dry or liquid, bulk or minor, Prater has the material handling experience to understand how to apply automation and technology. Whatever your requirements, with electrical, software and mechanical engineering capabilities, Prater-Sterling can design and implement an automated solution tailored to your needs.



