

MERRICK WATER TREATMENT SYSTEMS

POLYMER SYSTEMS



MERRICK offers the OMEGA® design packaged system for dry or liquid polymers. The OMEGA® feed system offers maximum efficiency and economy in the preparation of polyelectrolytes. It gets the most out of every dollar put into costly polymers.

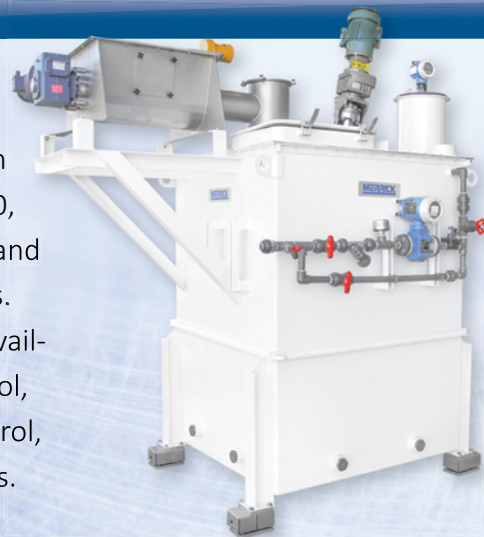
BIN ACTIVATORS



A Bin Activator is a “live bin bottom” that uses vibratory forces to promote chemical flow from a silo. The silo’s design dictates if a Bin Activator is required. Sizes from 24” to 74” in diameter.

DISSOLVERS

MERRICK Dissolver Tanks are available in 5, 15, 35, 50, 75, 100, 150, 200, 300, 400, and 500 gallon capacities. Dissolvers are also available with level control, incoming water control, and agitation options.



DUST COLLECTORS / BAG LOADERS

MERRICK offers traditional OMEGA® Dust Collectors and Bag Loaders, models with integral bag loading hoppers and Bin Vents for silo systems.



DAY BINS



Modular Day Bins are an economical solution for chemical storage. MERRICK offers 24”, 36” and 48” diameter Day Bins and storage capacities up to 4,000 lbs.

LOSS-IN-WEIGHT KITS



A platform scale and microprocessor controller convert MERRICK or competitor’s volumetric feeder into a gravimetric metering system.

DYNAMIC INNOVATIONS SINCE 1908
WEIGHING, FEEDING, CONTROLS & ENVIRONMENTAL SOLUTIONS

WATER TREATMENT PRODUCTS & CAPABILITIES

CHEMICAL SYSTEMS FOR WATER AND WASTEWATER TREATMENT

FAMILY OF
MERRICK
COMPANIES

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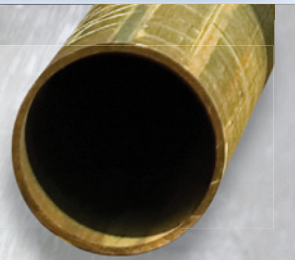


MERRICK

HIGH DENSITY LIME SYSTEMS



**Stable Suspension
of more than
30% by Weight**



SCALELESS PIPE

What if you heard that your lime slurry system could function with no pipe scaling? Not just LESS scale, but NO scale. Requiring up to 90% less maintenance than a traditional system, using less hydrated lime, less make-up water, less power, less downtime and no recirculation loop.

We're here to tell you that it's all true.

MERRICK's ScaleLess Lime Slurry Systems use a high-density lime slurry with a stable suspension of more than 30%. That's revolutionary! No one thought it would work, except ConSeCo's Ron Plank back in 1980. He pioneered the high-density lime system, and now ConSeCo and MERRICK have worked together to perfect it. Quite simply, our ScaleLess Lime Slurry Systems do not scale or settle. And we'll back it up with a performance warranty and a process guarantee: from the truck fill to the injection point. We stand behind our ScaleLess systems, in over a hundred successful installations around the world.



GENETIX® PROCESS CONTROLLER

The Genetix® process controller for scales and weigh feeders is a powerful single-board controller for a range of applications: from small single-scale installations to large multi-feeder blending systems. It does not require an operator display to function and can be connected to most modern PLC systems using Devicenet™, Controlnet™, Profibus®, Ethernet, and other industrial interfaces.

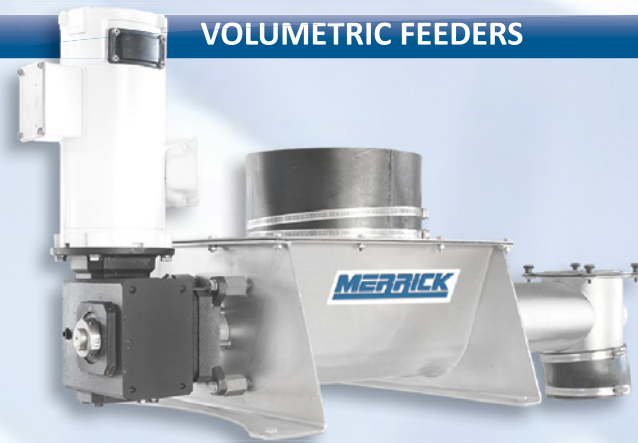
Genetix® is a registered trademark of MERRICK Industries, Inc. All other trademarks are the property of their respective owners.

GRAVIMETRIC FEEDERS



Series 960 feeder designs are available for most water and waste water metering applications. The most common application for Series 960 feeders is to meter pebble lime into slakers by volume or gravimetrically.

VOLUMETRIC FEEDERS



Series 100 Volumetric Feeder

Volumetric feeders can provide reliable feedrates with accuracies to $\pm 1\%$ by volume, or $\pm 3\%$ by weight. The Series 100 Feeder provides simplicity of design for minimal maintenance while providing a 60:1 turndown.

LIME SLAKERS



Series 7104 Paste Slaker

Slaking refers to the reaction that occurs between quicklime and water to form hydrated lime. Excess water is added to the lime to produce a slurry which can then be delivered to your process.

Selecting the best lime slaking technology demands careful consideration of several factors:

- The quality and purity of the quicklime
- Amount of lime required
- Whether batch or continuous operation is required
- The variability of the process

Whether your company's needs require a detention slaker or a paste slaker, MERRICK can offer the slaker to fit your needs. MERRICK offers detention slakers and paste slakers in sizes up to 12,000 lb/Hr.

STORAGE SILOS

MERRICK has served chemical markets since 1908 and has pioneered dynamic chemical feed and weighing systems. Most weighing and feeding technology used today was developed by MERRICK engineers. MERRICK brings this considerable experience to silo applications for reliable, innovative solutions. MERRICK is one of the most recognized names in water and wastewater treatment. MERRICK's solutions ensure a single source of supply for the silo storage systems.



POTASSIUM PERMANGANATE SYSTEMS



MERRICK offers dustless loading systems for safely transferring potassium permanganate from Carus or JLM drums to a MERRICK metering and wetting system. MERRICK offers two types of dustless transfer makedown systems. The Model 82-50 is a gravity discharge system that uses a drum lift to transfer the chemical. The Model 82-60 is a vacuum system that transfers the chemical from floor (drum) level to the feeder hopper. All MERRICK potassium permanganate systems can be supplied with a volumetric feeder design to meet system requirements or preference.