

EMERSON'S IN-LINE BLENDERS

Achieve On-Spec Blending from Start to Finish, Shorten Cycle Times, and Reduce Inventory

Emerson's In-Line Blenders (ILBs) are turnkey, skid mounted systems which accurately introduce multiple components proportionally and simultaneously into a single discharge header. Each ILB incorporates our best-in-class control valves and mass flow meters to ensure each component is added accurately through each metering leg. This makes Emerson's ILBs uniquely suitable for small and large volume batch applications, as well as for continuous blending processes.

Applications

On-spec, efficient performance for small volume batches (2 metric tons or 600 gallon) to large volume, continuous batches for industrial applications such as:

- Asphalt/Bitumen Blending
- Beverage Blending
- Chemicals, Additives, Specialty Chemical Blending
- Fuel Blending – Gasoline, Diesel, Bunker Fuel, etc.
- Lubricant Blending
- Opportunity Crude Blending

Features and Benefits

- Reduce tank and inventory requirements by eliminating the need for mixing tanks
- Maintain on-spec blending throughout the entire cycle to allow the finished product to be directly shipped via rail, pipeline, or container
- Reduce on installation and infrastructure costs by utilizing Emerson's in-line blenders to blend small batches with additives and large volume, continuous blends in a single blending system
- Utilize Emerson's market leading technology including Micro Motion® ELITE® Coriolis flow meters for high accuracy measurement and control across a wide range of blend volumes
- Reduce blend cycle times with the fastest blending technology on the market
- Reduce contamination between batches with optional piggable header design
- Increase blend capacity and efficiency compared to traditional batch or tank blending methods
- Minimize time and labor costs with quality analysis and rework
- Easily Integrate and retrofit blending systems with turnkey solution
- Verify system performance with Emerson's performance guarantees

Emerson's In-Line Blenders are an engineered solution. Consult your Emerson representative for more details.

www.emerson.com/integratedblendingsolutions



Emerson's in-line blenders are used in a variety of applications in refining and chemical industries.



In-Line Fuel Blender used for Gasoline Blending at a Refinery.



Emerson's In-Line Blenders incorporate our best-in-class Micro Motion® Coriolis flow meters. Photo courtesy of Copton.