

The logo for SPX, with 'SP' in dark grey and 'X' in green, followed by a registered trademark symbol. The background features a large, stylized arrow pointing right, composed of multiple parallel lines in varying shades of grey, creating a sense of depth and movement.

SPX®

A green arrow icon pointing to the right, positioned to the left of the tagline text.

Where Ideas Meet Industry

LIGHTNIN

AN SPX BRAND

Inliner Mixers Series 45

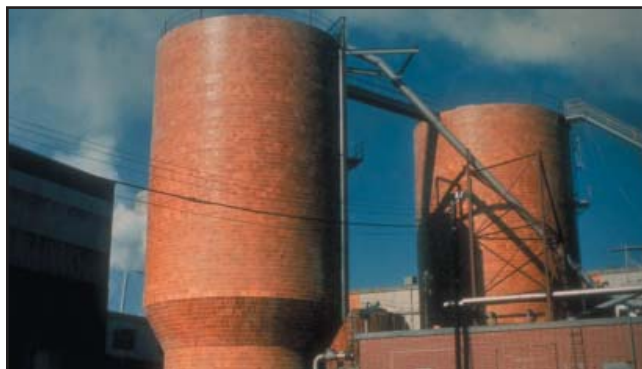
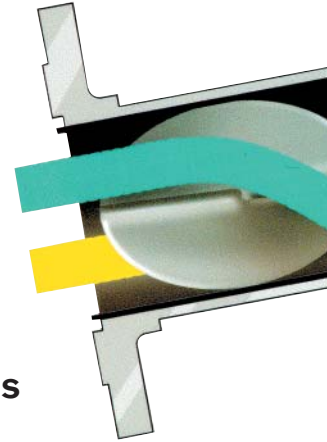
Economical, Versatile
& Maintenance Free



SPX®

LIGHTNIN Inliner Mixers Series 45 - High-Efficiency Mixers for a Broad Range of Applications

Series 45 mixers provide an unmatched combination of accurate process results, economy and space efficiency in a wide variety of applications and industries. They can mix any pumpable material, regardless of the flow regime. Each Series 45 mixer contains precision-designed and manufactured mixing elements. These elements modify the flow and create a specific pattern of splitting, rotating and mixing actions to blend in either laminar, transitional or turbulent regimes, depending on the required process result. Series 45 mixers do not require tanks or agitators, are easy to install and require virtually no maintenance. No mixing system available is more cost-effective to operate. And like all LIGHTNIN mixers, they are backed by a full equipment warranty and our exclusive **100% Process Guarantee**.

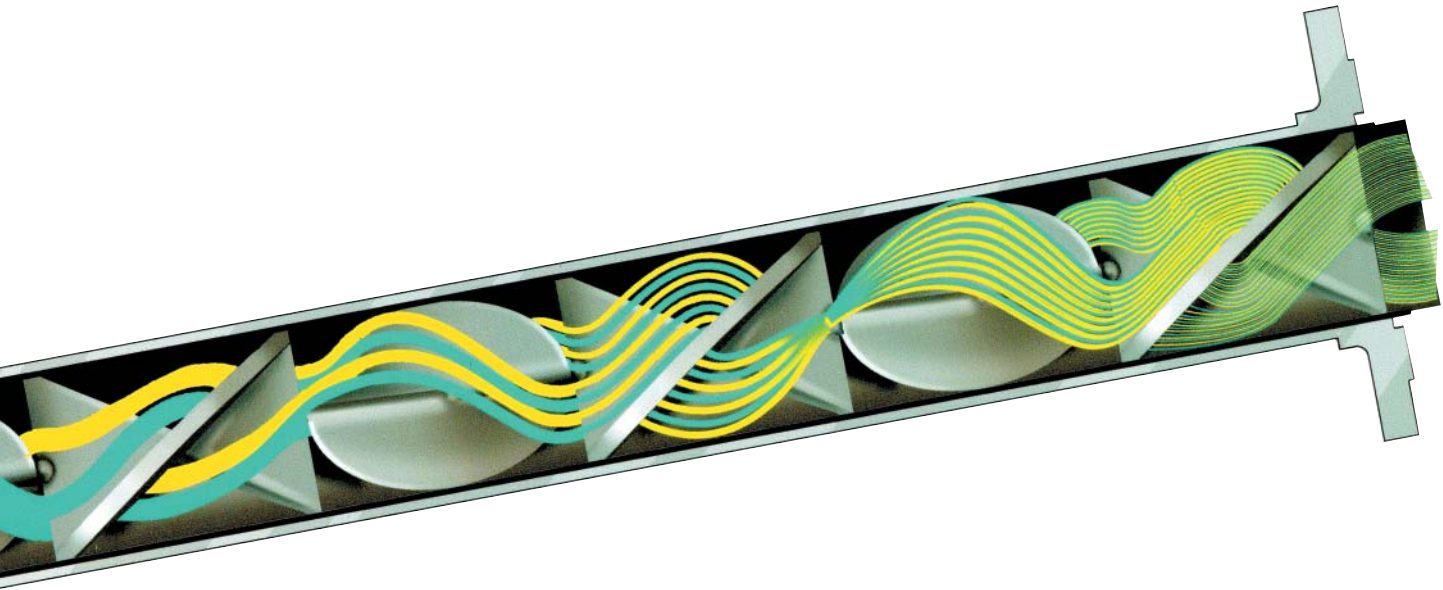


Recommended Applications

- Mixing
- Blending
- Liquid Dispersion
- Emulsion Formation
- Direct steam heating
- Plug flow inline chemical reactors
- Laminar-flow heat transfer
- Mass transfer
- Gas Dispersion
- Marbleizing
- Layer Formation

Typical Markets Served

- Chemical Processing
- Cosmetics
- Food/Beverage
- Mineral Processing
- Resins, Adhesives and Paint
- Plastics and Polymers
- Pulp and Paper
- Refining
- Pharmaceutical
- Water and waste treatment



The helical plate design in LIGHTNIN Inliner Mixers Series 45 creates a distinct pattern of flow, splitting-rotating vortices, counter-rotating vortices, and flow integration to achieve desired process results.

Features and Benefits of Series 45 Mixers

When installed as stand-alone units, Series 45 mixers eliminate the need for tanks, agitators, moving parts and motors. Installed as part of tank/mixer system, Series 45 Mixers cost-effectively increase mixing efficiency and maintain mixing uniformity during transfer. They permit sampling close to mixer discharge to prevent under- or overdosing. Their high-efficiency mixing action can further reduce chemical consumption and costs. Easy installation and minimal maintenance make Series 45 Mixers extremely inexpensive to set up and operate.

Series 45 Mixers feature a helical element design in durable, economical stainless steel. They are available in a wide variety of sizes and can be customized to suit virtually any processing application, including sanitary and CIP processes.

Custom Options

Larger sizes, custom coatings and finishes, injection ports and many other custom options are available on Series 45 Mixers. Contact your local LIGHTNIN sales representative or consult our website for details at www.spxpe.com.

Global Headquarters: SPX Process Equipment, Delavan, WI USA



LIGHTNIN Rochester, New York



SPX[®]
PROCESS EQUIPMENT

Your local contact:



SPX Process Equipment, LIGHTNIN Operation
135 Mt. Read Blvd., Rochester, NY 14611
Phone: (888) 649-2378 (MIX-BEST), (U.S. and Canada) or +1 (585) 436-5550
E-mail: LIGHTNIN@spx.com

For more information about our worldwide locations, approvals, certifications, and local representatives, please visit www.spxpe.com.

SPX Corporation reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing.

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