



The Static Mixer Experts



Totally Focused on

- ▶ Highest quality
- ▶ Responsive service
- ▶ Technical expertise



The Name to Know in Static Mixers

For over 20 years, Koflo Corporation has focused on providing the highest quality static mixers at competitive prices. Koflo has the design expertise and in-house manufacturing capability to deliver an effective mixing solution, time after time. Whether you are an engineer or purchasing agent, we speak your language. When you specify Koflo, you get a quality static mixer and personal service, from a family-owned company built on quality, integrity, and a true commitment to exceeding your needs.

Whatever you need to blend or mix, Koflo has a static mixer for your specific application. From clear PVC to stainless steel, ductile iron, carbon steel, fiberglass or Kynar, we'll build a mixer to meet the line size, viscosity, and pressure specifications you require. When you specify Koflo, you'll get consistently high mixer quality, responsive service, and unparalleled technical expertise.



Koflo sales, design engineering and manufacturing are located in our dedicated facility in the northwest suburbs of Chicago. We have a significant inventory of stock items for quick "just in time" shipment, and the expertise to handle custom and OEM mixers. Our solutions range from as small as 3/16" diameter for laboratory use to over 5 ft. diameter for water treatment applications.

Our customers will tell you Koflo product quality and service stands far apart from the competition. We thank you for the opportunity to get to know us, and look forward to serving you as a customer in the future.



Handwritten signatures of Jim Federighi and Tony Federighi in black ink.

Jim Federighi, President
Tony Federighi, Vice President

Second generation
static mixer experts

A Mixer for Every Application

Mixer	Description
	<p>▶ Clear PVC</p> <p>The industry standard for chemical dilution systems and OEM applications, this off-the-shelf mixer is available from 3/8"–2" diameter with 6 and 12 mixing elements and male NPT ends.</p>
	<p>▶ Stock Stainless Steel</p> <p>We stock 1/4"–2" diameter mixers with 6 or 12 mixing elements, in both 304 and 316 stainless steel, with male NPT threaded ends.</p>
	<p>▶ Gray PVC</p> <p>1/2"–2" mixers are in stock with 6 or 12 mixing elements and male threaded ends. Flanged mixers are available in standard sizes up to 12", with larger sizes available upon request.</p>
	<p>▶ Flanged</p> <p>Standard materials of construction include carbon steel, 304L and 316L stainless steel. Specialty alloys such as Hastelloy, Monel, and Titanium are available upon request.</p>
	<p>▶ Ductile Iron</p> <p>Primarily designed for the water/wastewater industries using standard Class 53 cement lined ductile iron piping with stainless steel mixing elements. Available in 3"– 48" diameter.</p>
	<p>▶ Sanitary</p> <p>Constructed entirely of 316L stainless steel with a #4 sanitary finish, these mixers are available with a blade or helical design mixing element. We stock sizes from 1/2"-4" diameter.</p>

What Mixers Are Used For



Static mixers are used to blend two or more liquids into a homogeneous mixture, or to inject a metered liquid into a continuous process stream. Applications include: water treatment (drinking water), wastewater treatment

(processing out of waste and pollutants), food processing (manufacturing of yogurt, ice cream, beverages), chemical processing, oil refining and mining/ore extraction.

Mixer	Description
	<p>▶ High Viscosity</p> <p>Designed for viscous fluids where it is advantageous to split and fold the products to achieve a blended output. This element design is available in most of our mixer series.</p>
	<p>▶ Sludge (Non-clog)</p> <p>Our non-clog mixer has become the industry standard for blending polymer with sludge prior to a filter press or centrifuge. Polymer savings of 30–40% are common.</p>
	<p>▶ Teflon</p> <p>1/2"–1" mixers are offered in PFA Teflon with 6 or 12 mixing elements and male NPT threaded ends. Flanged mixers are Teflon lined steel with either Teflon or Hastelloy mixing elements.</p>
	<p>▶ Kynar</p> <p>We stock 1/2"-2" solid unpigmented Kynar mixers with 6 or 12 mixing elements and male NPT threaded ends. Flanged mixers are Kynar lined steel with solid Kynar mixing elements.</p>
	<p>▶ Fiberglass</p> <p>Our filament wound vinyl ester housings have hand laid elements monolithically bonded to the pipe wall. Sizes range from 4"-36" with pressure ratings up to 150 psi.</p>
	<p>▶ Stratos Tube</p> <p>These mixers are constructed of 316L stainless steel from 3/16"-1/2" O.D. tube. Typical uses include all viscosities such as epoxy blending, laboratory use and pilot plant applications.</p>

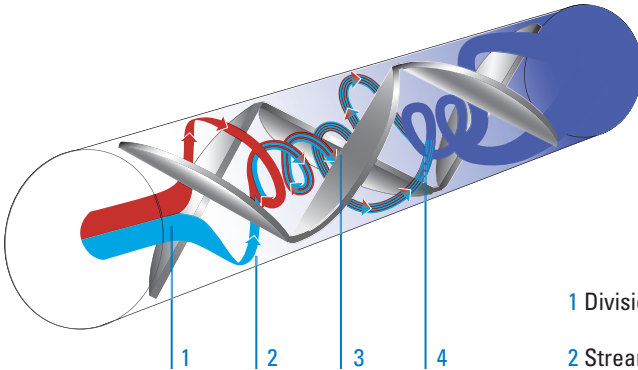
Custom/OEM

Koflo builds custom/OEM mixers at a reasonable cost, with the same quality and service as our standard product line. We can design and fabricate any combination of interior elements, pitch angles, line size, flanges, reducers and injection ports. By stocking all of the main components, we can build a mixer that meets your special system or machine, rather than requiring you to fit your system to our mixer.

Request a Quote

For quick quotations and technical assistance, call as at 1-800-STATICS, contact us via e-mail at info@koflo.com, or visit us on the Web at www.koflo.com. Our staff is ready to take your call, and quotations can be provided in a matter of a few hours. Our Web site has a convenient online quotation form, as well as downloadable engineering drawings for your reference.

The Koflo Process



Visit www.koflo.com
for process animation

1 Division of main stream

2 Streams are forced to
opposite outside walls

3 Creating a mixing vortex
axial to the centerline of
the second element

4 Mixing vortex shears,
Step 1 re-occurs in
opposite rotation

Benefits

- ▶ Maintenance-free
- ▶ Low pressure loss
- ▶ Open element design
- ▶ True sanitary design
- ▶ No moving parts
- ▶ No spare parts required
- ▶ Low cost
- ▶ Quick delivery

What Our Customers Say

“As an engineered solutions provider, we rely on our supply partners to provide superior products and services, to assure our ability to achieve total satisfaction with our customers. Koflo has supplied these products and services with exceptional quality for 16 years. We are proud to have them as a supply partner.”

President
Water Treatment Polymer Manufacturer

“We sell thousands of in-line mixers and calibration cylinders every year to water and wastewater treatment facilities across the country. No matter what the application, Koflo is able to specify the correct item to provide our customer with optimum performance. We sell products from some of the most reputable manufacturers in the water and wastewater industry. In terms of product knowledge and customer service, Koflo is at the top.”

Product Manager
Water Treatment Supplies Catalog

“In our 40 years of manufacturing chemical feed equipment we have always found your static mixers and calibration columns offer the best results and last in the harsh industrial environments our equipment is put into. Product performance coupled with your product support makes Koflo our only choice for static mixers and calibration columns.”

President
Chemical Feed System Manufacturer

“Your company has always provided us with high quality products at a timely response. Your staff is continuously courteous and always helpful with any questions. Per several requests, engineered products or large quantities of items have never been a problem. Thank you for the incredible customer service and time efficient shipment of products!”

President
Metering Pump Distributor



Koflo Corporation

309 Cary Point Drive

Cary, IL 60013

- ▶ Static mixers
- ▶ Calibration columns
- ▶ Injection quills

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