Statiflo Motionless Mixers are available in a standard range of formats to suit many different applications. All the standard units are also available custom designed and engineered with any combination of injector/sparger connections, sample points and heating/cooling jackets.

### The Key Benefits of Statiflo Motionless Mixers

- **Highly-efficient mixing**
- **No moving parts for maintenance free operation**
- **Energy-saving, no direct motive power required**
- **No need for tanks for mixing efficiency**
- **Ease of installation**
- **Minimal space requirement**
- **Available in all sizes**
- **Available in a wide range of materials**
- **Custom designed**
- **Available worldwide**

### The Statiflo Motionless Mixer Range

- **Series 100/150**
  - General purpose designs in steel/stainless, with fixed or removable elements with standard commercial finish, available with heating/cooling jackets and injector/samplers.
  - Made in a wide range of materials, including carbon steel, stainless steel, exotic alloys, GRP, PTFE, etc.
  - Our mixers are tried, tested and trusted in many different industries, from potable water to oil & gas, from the food industry to man-made fibres.
  - Statiflo Motionless Mixers are installed in thousands of process plants worldwide, providing the highest standards of mixing efficiency, reliability and economy.

- **Series 200**
  - Sanitary designs in polished stainless steel with removable elements in hygienic/pharmaceutical finish. Designed for CIP, available with IDF, RJT, DIN and female end connections. Inlet/let and outlet heating/cooling jackets also available.

- **Series 300**
  - Corrosion resistant designs with removable elements in solid PTFE, carbon/stainless steel housing, fully PTFE lined, available with PTFE/PFA injectors and heating/cooling jackets.
  - Range includes:...

- **Series 400**
  - uPVC, PVDF and HDPE designs for cost-effective corrosion resistant duty, fixed elements in housings available with flanged or threaded ends complete with injectors/samplers.

- **Series 500/550**
  - Large diameter (≥250mm) designs in corrosion resistant GRP fixed elements, flanged designs available with injectors/samplers.

- **Series 600/650**
  - Large diameter (250-3000mm) general purpose designs in epoxy coated carbon steel/stainless steel, fixed elements, flanged, plain ended with injector spargers.

### Industry Applications and Processes

**Industry** | **Application** | **Process** | **Industry** | **Application** | **Process**
--- | --- | --- | --- | --- | ---
Food | Pasteurisation of milk | Liquid/liquid mixing | Petrochemical | Acid solvent stripping | Immiscible liquid mixing
CIF | Corrosive high temperature | Liquid/liquid mixing | Water treatment | Ozonation/oxidation | Gas/liquid mixing
Swine water | Desalination/evaporation | High-flow/viscosity mixing | Waste treatment | Disinfection control | Liquid/liquid mixing
Water treatment | Desalination/irradiation | High-flow/viscosity mixing | Pilot scale | Desalination control | Gas/liquid mixing
Water treatment | Desalination/irradiation | High-flow/viscosity mixing | Water treatment | Desalination control | Gas/liquid mixing
Water treatment | Desalination/irradiation | High-flow/viscosity mixing | Water treatment | Desalination control | Gas/liquid mixing
Water treatment | Desalination/irradiation | High-flow/viscosity mixing | Water treatment | Desalination control | Gas/liquid mixing
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Water treatment | Desalination/irradiation | High-flow/viscosity mixing | Water treatment | Desalination control | Gas/liquid mixing

### The Statiflo Motionless Mixer Range

- **Statiflo Motionless Mixers**
  - A world leader in motionless mixing technology. We are constantly expanding the limits of motionless mixing technology to create innovative products.
  - Made in a wide range of materials, including carbon steel, stainless steel, exotic alloys, GRP, PTFE, etc.
  - Our mixers are tried, tested and trusted in many different industries, from potable water to oil & gas, from the food industry to man-made fibres.

- **Statiflo Motionless Mixers**
  - Use a series of precisely configured mixing elements to process the components. The elements are made in various designs to suit different applications, and are available fitted into a range of housings, from high pressure, to open-channel, making them ideal for all kinds of industrial environments. The mixers themselves are custom manufactured in a wide range of materials, including carbon steel, stainless steel, exotic alloys, GRP, UPVC, PTFE, etc.

- The elements are fixed or removable, to comply, for example, with stringent regulations in the food and pharmaceutical industries.
Statiflo has developed a range of mixing element designs to suit a wide variety of duties in all kinds of industries. As a world leader in motionless mixing technology, Statiflo is constantly researching to improve efficiency and economy – engineering for optimum solutions.

Statiflo also custom designs and manufactures:

- STX laminar flow heat exchangers
- STS gas dispersion systems
- STAC Open channel mixers
- In-bend mixers
- Gas tee mixers
- Spray mixers

– all of which deliver the benefits of our expertise in motionless mixing technology.

**motionless mixing for efficiency and economy**

ISO 9001 : 2000
Registered Company

**shortest length + lowest pressure drop = highest mixing efficiency**