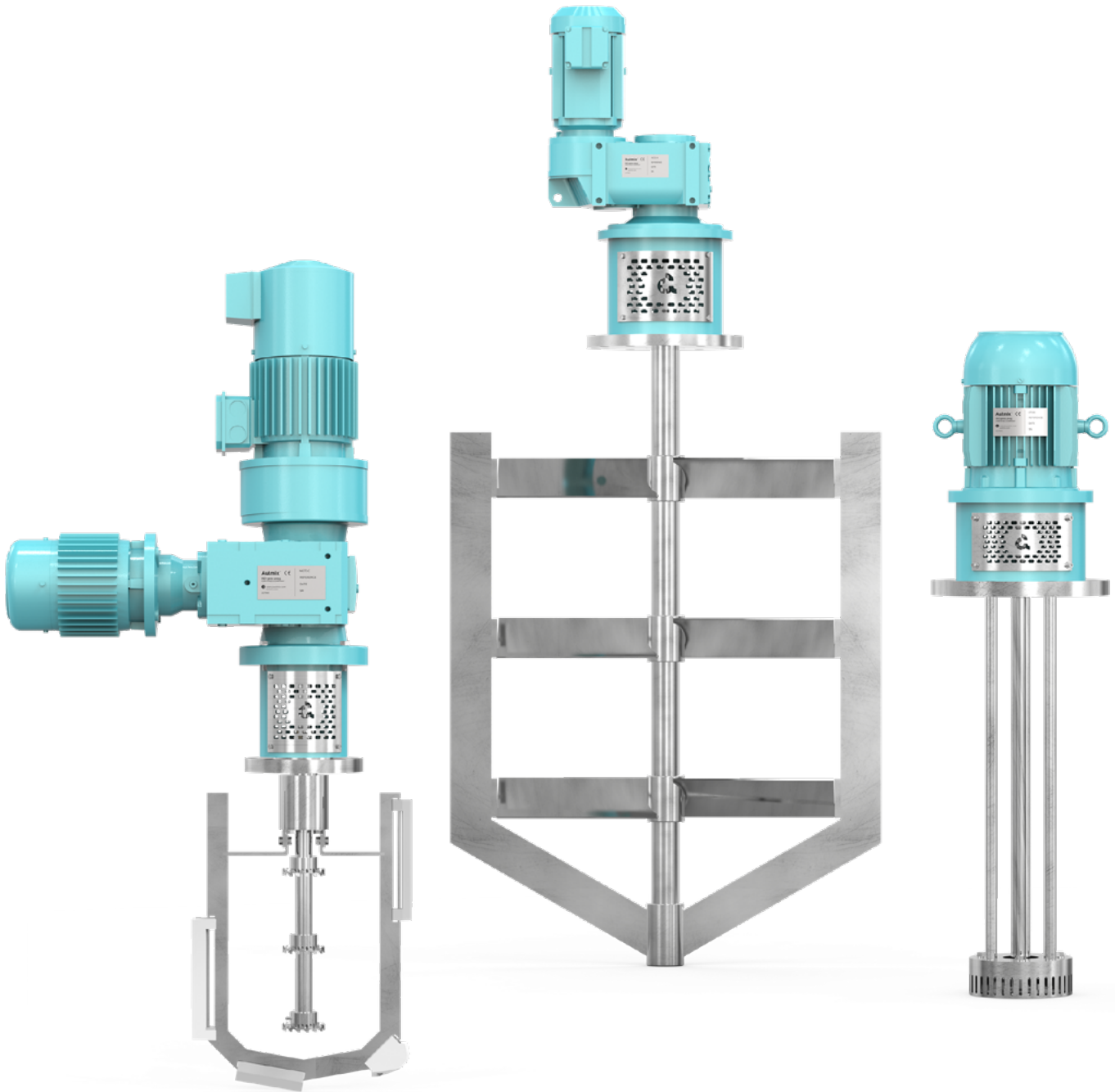
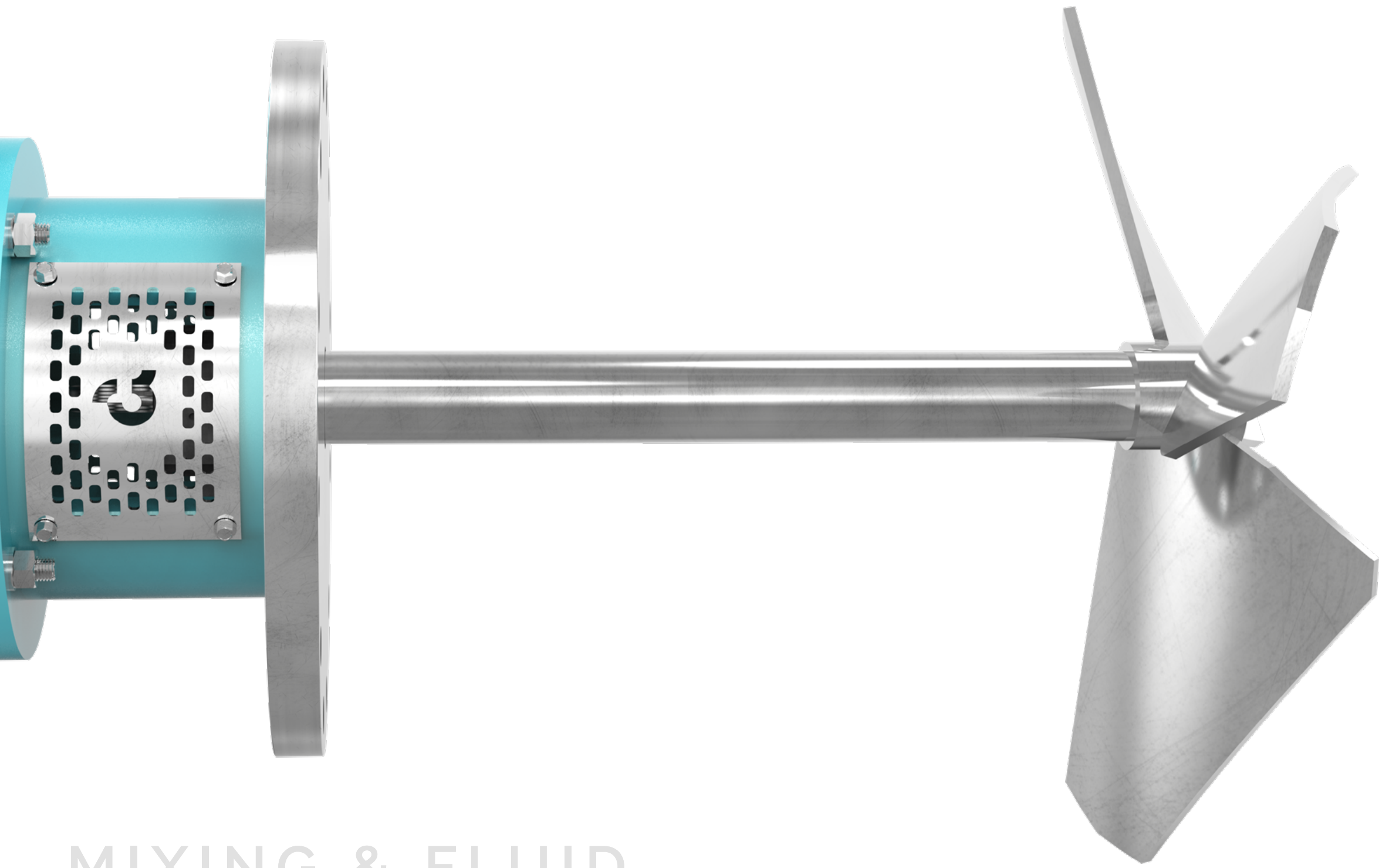


Product catalog





MIXING & FLUID HANDLING SOLUTIONS

Content

Mixing & Fluid Handling Solutions	5
Services	6
Industries	7
Quality and performance guaranteed in your mix	8
Industrial Mixers	10
Top-entry RT	12
Compact CT	16
Bottom and side-entry ZB	20
Anchor NC	24
Rotor-stator RE	28
Impellers	32
Accessories	
Lifting systems	34
Sealing systems	36
Refrigeration systems	37
Full tank disassembly	38
AUTOFLOC®	40
Businesses that trust Autmix	42



MIXING & FLUID HANDLING SOLUTIONS

We are focused on providing the best equipment for agitation, mixing, and fluid handling, in the most demanding and specialized processes.

Our strategically located manufacturing facilities in Mexico and Spain, along with an additional office in the United States, have enabled us to successfully complete numerous projects worldwide.

Autmix is: Innovation that flows.

With extensive experience across multiple engineering disciplines, we develop technological projects for the industry profit.

We add value through the integration of advanced solutions, maximizing the resources of our customers, suppliers, and collaborators.

Check up-to-date information at: autmix.com

Services

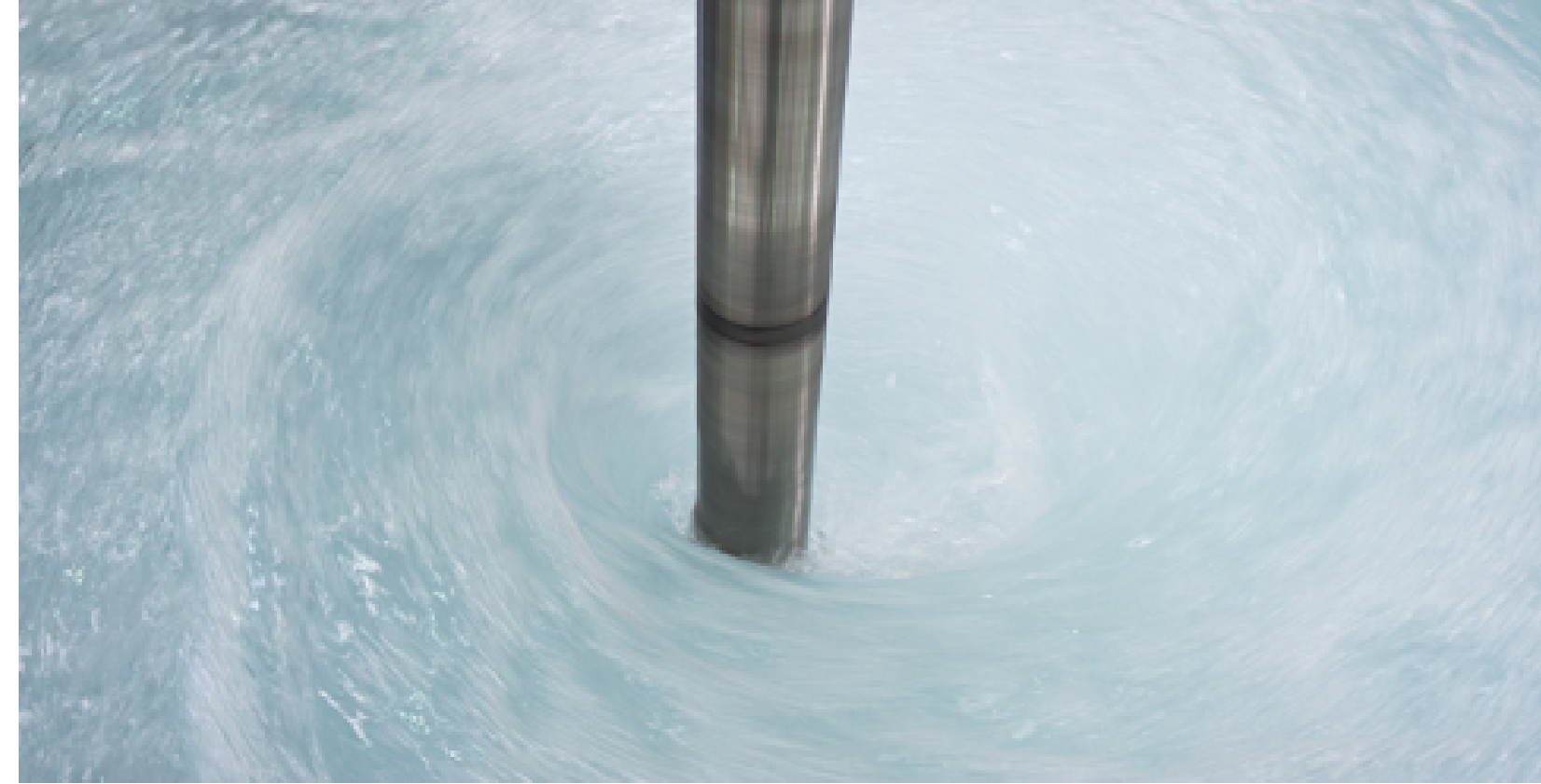
We design and manufacture agitation and mixing equipment, guaranteeing the highest quality.

The modular design of our industrial mixers provides adaptability and profitability for each project, ensuring a quick return on investment.















What do we offer?

- ✓ Custom design.
- ✓ After-sales service, original spare parts for immediate delivery.
- ✓ Top quality material.
- ✓ Specialized and qualified technical support.
- ✓ Wide variety of impeller types.
- ✓ Latest technology design and simulation tools.
- ✓ Extensive equipment warranty.
- ✓ Punctuality in delivery times.



Industries

Efficient solutions for all types of industrial processes.

- | | |
|--|---|
|  Food and beverage |  Dairy |
|  Beer, wines, and liquors |  Oil and gas |
|  Pharmaceutical |  Water treatment |
|  Cosmetics |  Sugar |
|  Chemical |  Paint |
|  Mining |  Paper |

Quality and performance guaranteed in your mix

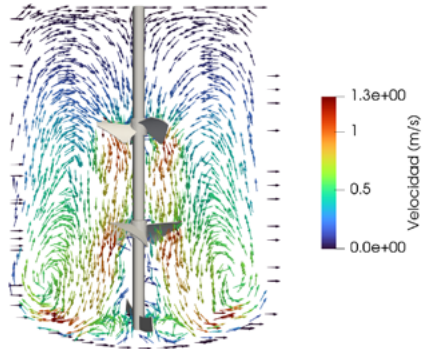
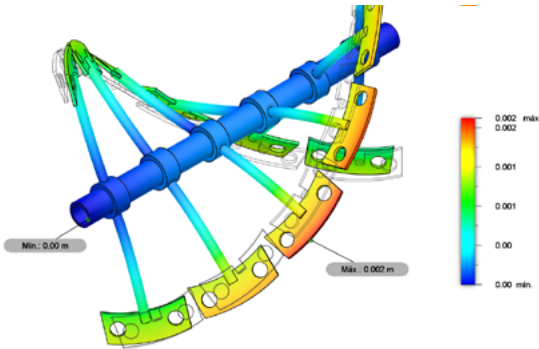
Experience, technology, and innovation in a multidisciplinary team.

The Technology and Innovation Department is continually dedicated to enhancing and creating new products from scientific methodologies. At Autmix, we elevate mixing solutions

using advanced mathematical modeling tools, along with CFD and FEA simulations, providing precision and data-driven insights tailored to your unique process needs.

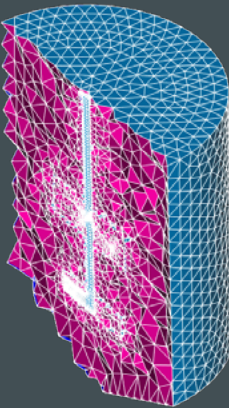
With our simulation services, you'll gain:

- ✓ **Design and validation**
 Select and validate the ideal mixer before manufacturing, tailored to your project needs.
- ✓ **Scale-up insights**
 Confidently scale from R&D to full production, ensuring operational readiness.
- ✓ **Process optimization**
 Spot bottlenecks, adjust parameters, and optimize flow pattern efficiency.
- ✓ **Quality assurance**
 Meet product quality standards through precise analysis and testing.



Clarity and security in every task.

- Technology developed based on strict R&D methodology.
- Specialists committed to the highest quality and functionality.
- Generation of mathematical models for equipment development.





INDUSTRIAL MIXERS

Supported by advanced calculation and simulation tools, we design and manufacture high-performance, durable industrial agitators tailored to meet the unique requirements of your projects.



TOP-ENTRY RT



Industrial mixers for large-scale production with efficiency and high energy performance.



Mega RT(G)

Robust by nature, functional for heavy-duty industries due to its large volume.

⚡ 25 - 550 hp.

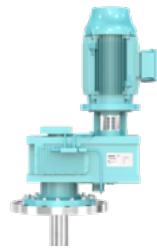
⌚ 20 - 125 rpm.

↕ 236 - 288 in.

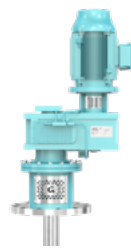
⌀ 78 - 394 in.

☑ Bigger than 5 300 US Gal.

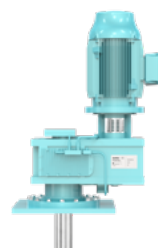
MOUNTINGS



Flange



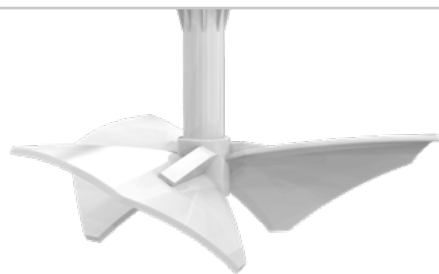
Lantern



Plate



ANTICORROSIVE,
ANTI-ABRASIVE COATINGS



- PVDF
- Halar
- Butyl rubber
- Ebonite



Inter RT(N)

They distribute flow efficiently; adaptable to any project.

⚡ 5 - 25 hp.

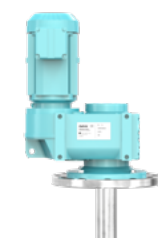
⌚ 20 - 125 rpm.

↕ 78 - 236 in.

⌀ 15 - 78 in.

☑ 1 320 - 5 300 US Gal.

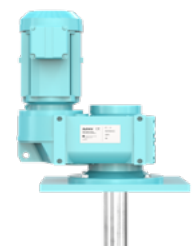
MOUNTINGS



Flange



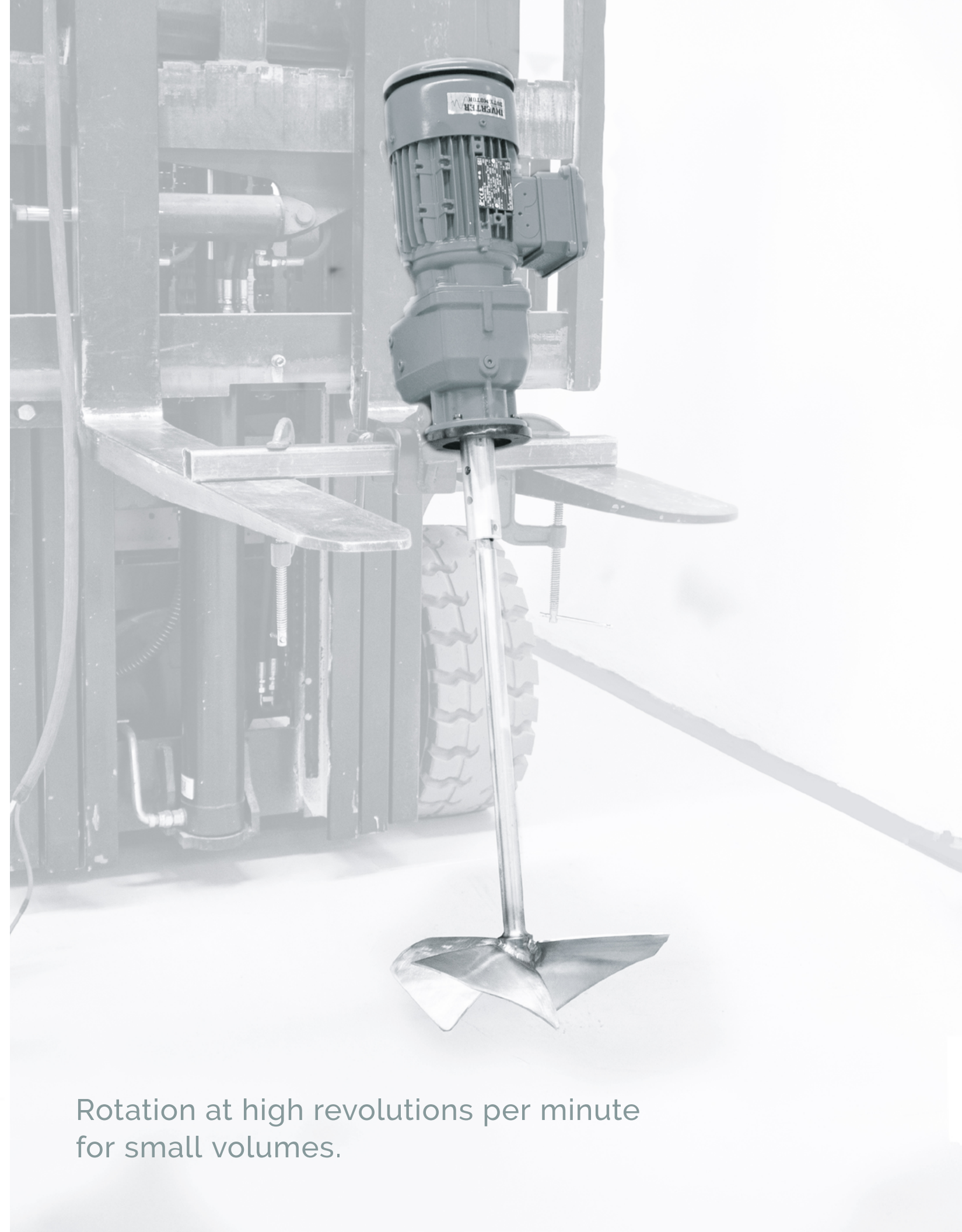
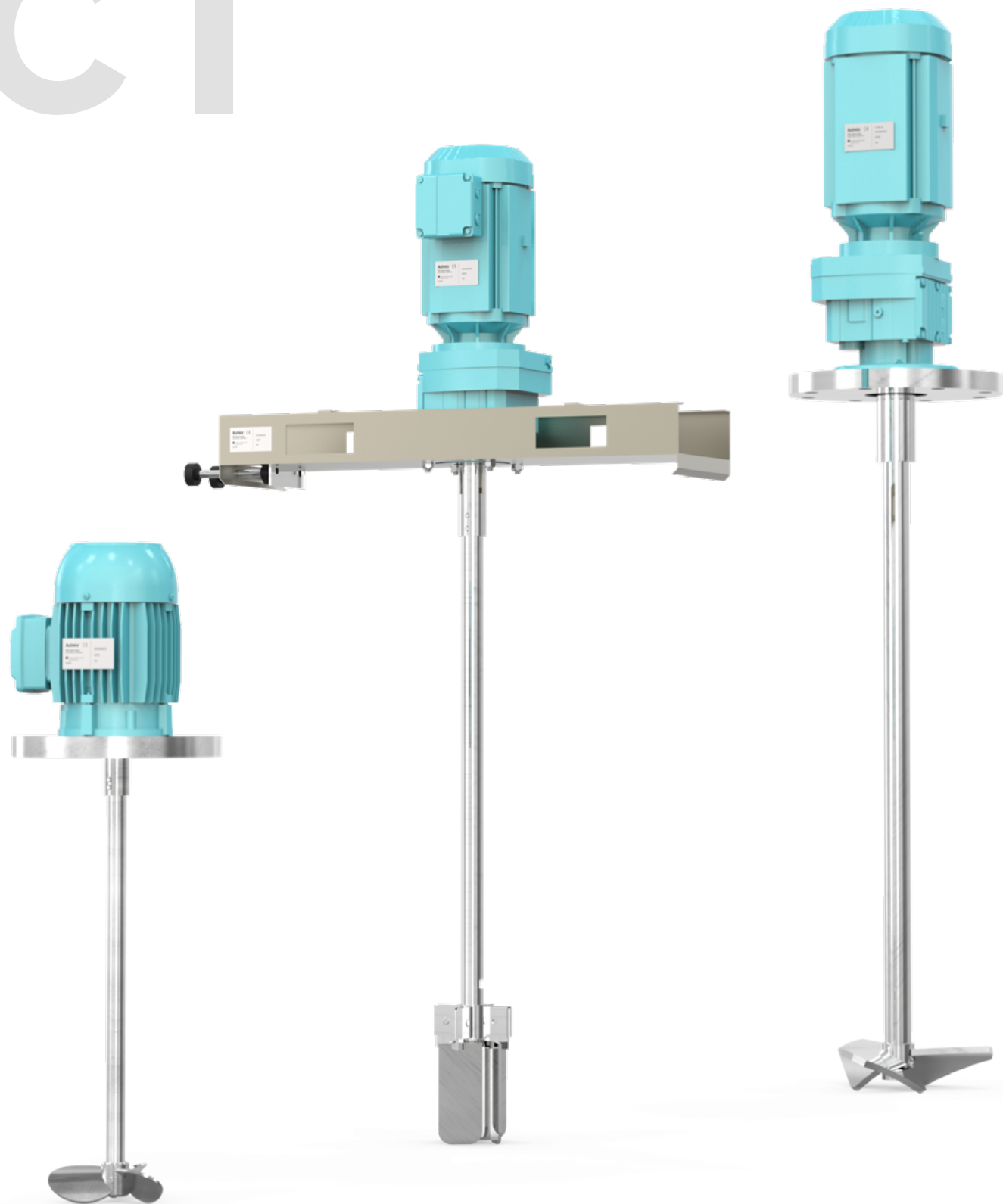
Lantern



Plate



COMPACT CT



Rotation at high revolutions per minute
for small volumes.

Synchronism CT(F)

For small-volume processes, reaching high rotational speeds.

⚡ 0.75 - 3 hp.

🌀 50 Hz: 750, 1 000, 1 500 rpm. 60 Hz: 900, 1 200, 1 800 rpm.

📏 9 - 60 in.

⊘ Up to 8 in.

📦 792 - 1 850 US Gal.

MOUNTINGS



Flange

Lantern

Plate

Clamp

Guiding turret

Gear Unit CT(R)

Adaptable to a wide variety of impellers. High pumping capacity.

⚡ 0.5 - 7.5 hp.

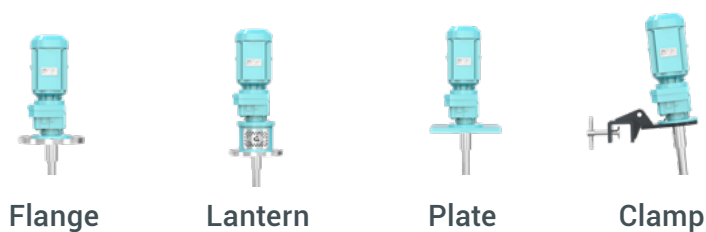
🌀 100 - 350 rpm.

📏 9 - 60 in.

⊘ 6 - 16 in.

📦 132 - 1 850 US Gal.

MOUNTINGS



Flange

Lantern

Plate

Clamp



IBC mounting CT(I)

Axial flow and mixing versatility within IBC tanks.

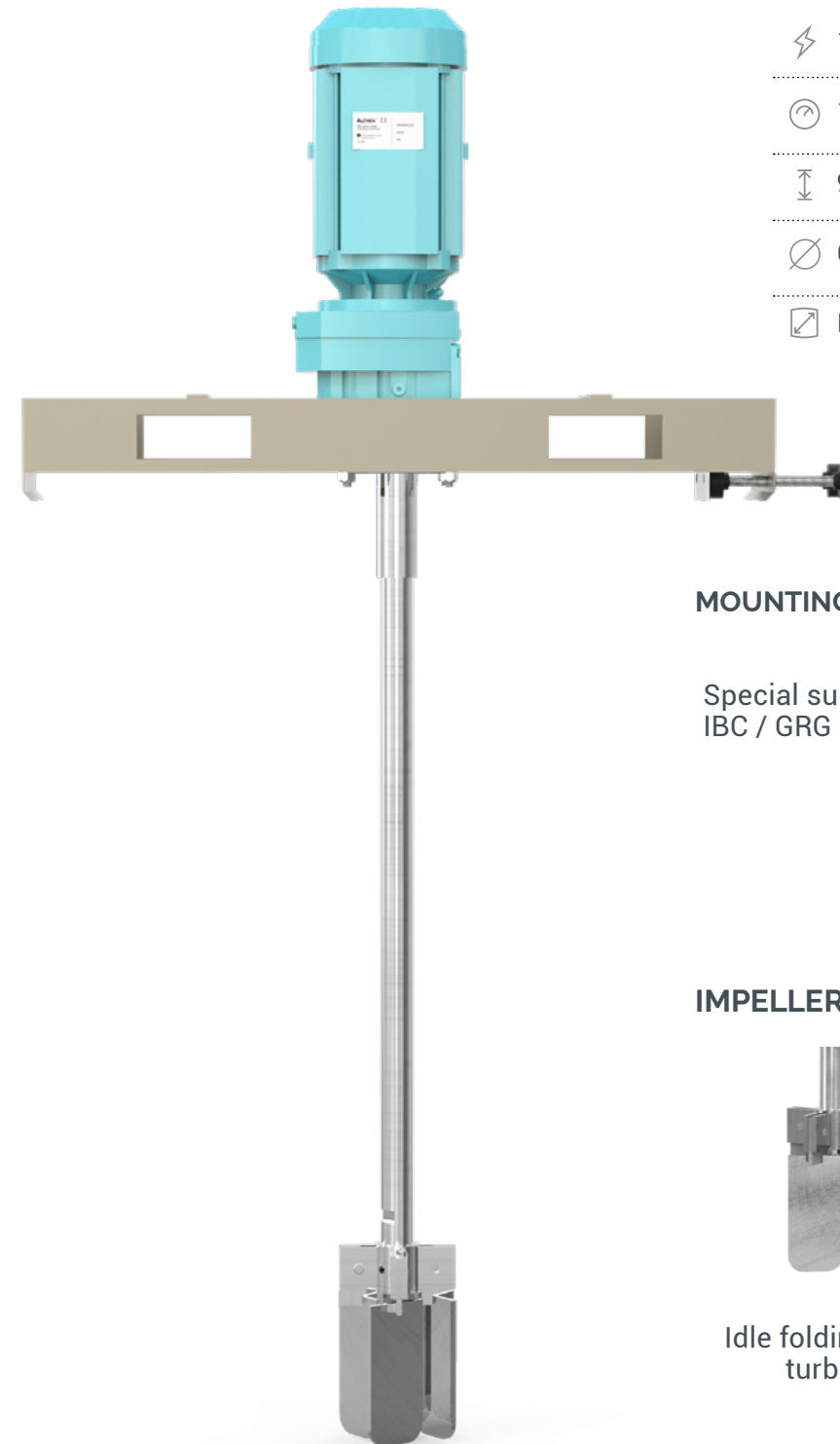
⚡ 1 - 7.5 hp.

🌀 100 - 300 rpm.

📏 9 - 60 in.

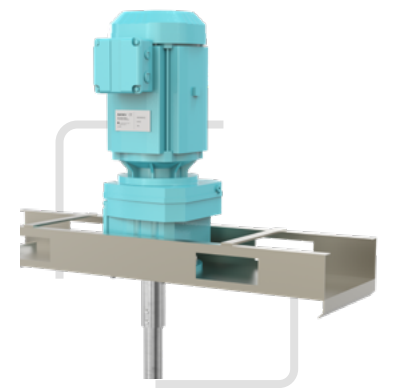
⊘ 6 - 16 in.

📦 IBC/GRG tanks (264 - 1 047 US Gal).

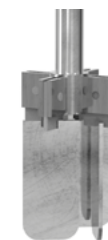


MOUNTINGS

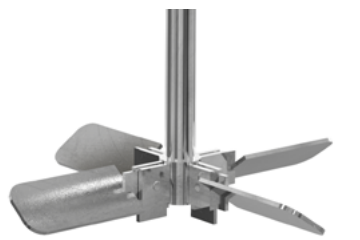
Special support for IBC / GRG containers



IMPELLER

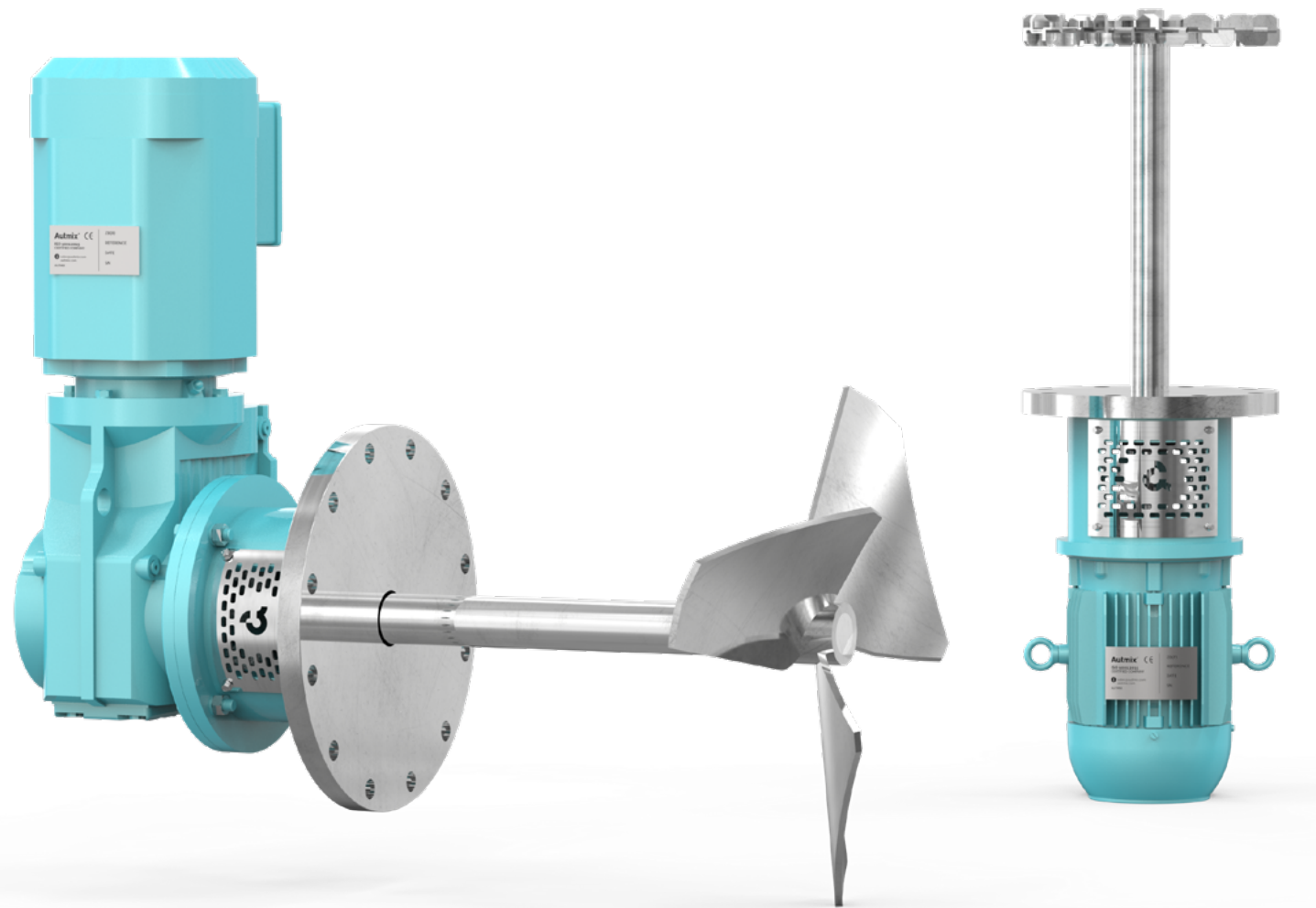


Idle folding axial turbine

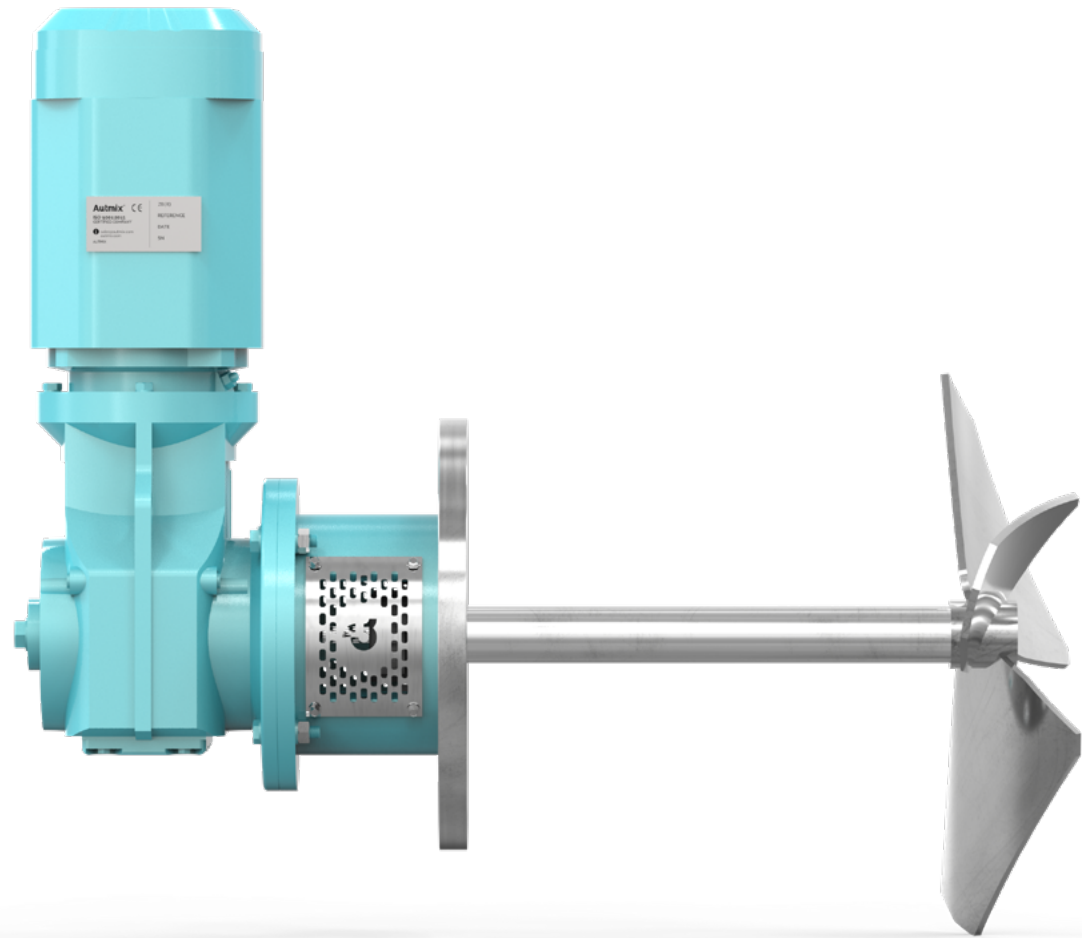


Folding axial turbine in operation

BOTTOM AND SIDE-ENTRY ZB



Allow product flow from the bottom of the tank, preventing sedimentation.



Gear Unit ZB(R)

Standardized and compact configuration. They offer different mounting options.

- ⚡ 4 - 100 hp.

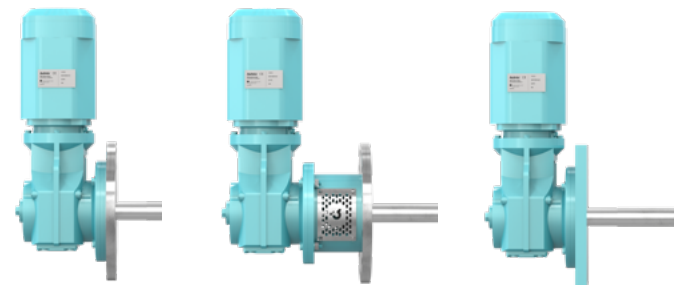
- 🌀 100 - 300 rpm.

- ↕ Up to 70 in.

- ⌀ 5 - 20 in.

- 📄 792 - 270 000 US Gal.

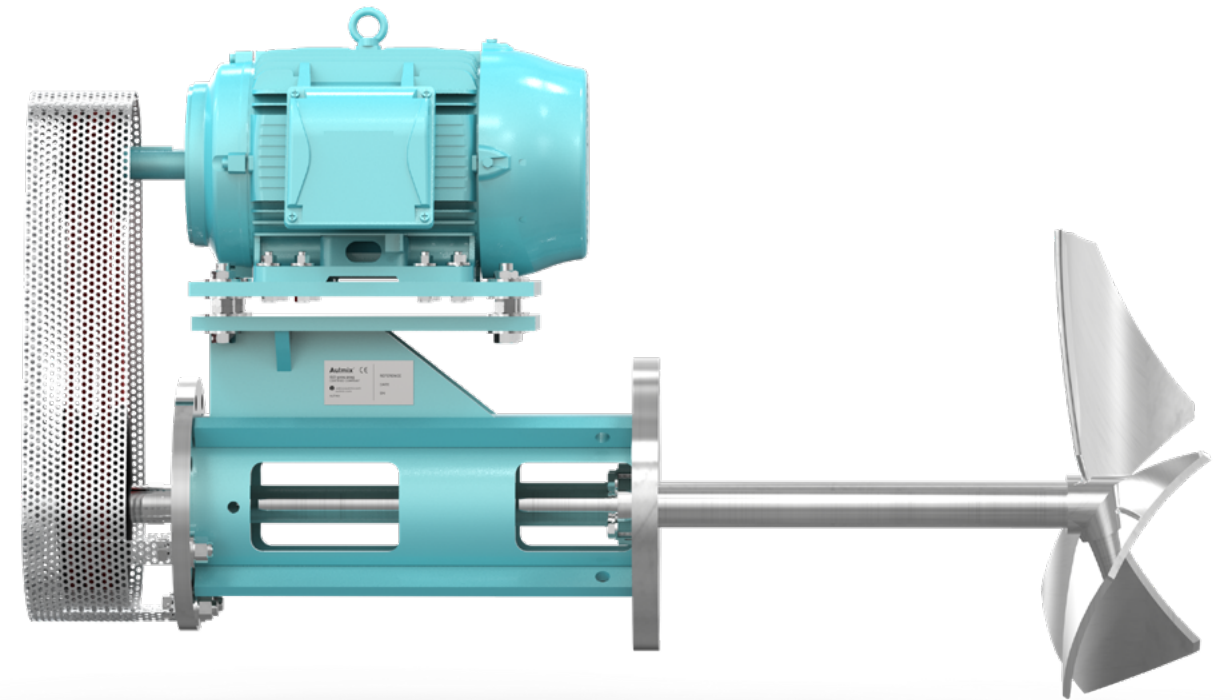
MOUNTINGS



Flange

Lantern

Plate



Belt drive ZB(P)

Specially designed for oil & gas. Operates at high temperatures and under demanding conditions.

- ⚡ 10 - 100 hp.

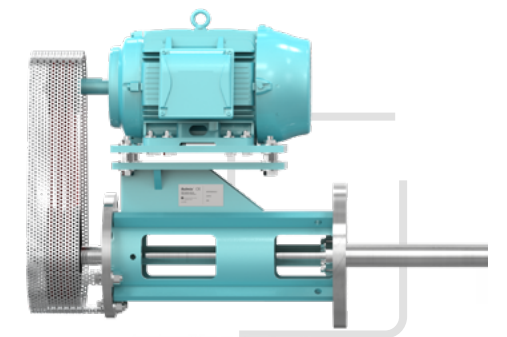
- 🌀 100 - 300 rpm.

- ↕ Up to 70 in.

- ⌀ 5 - 20 in.

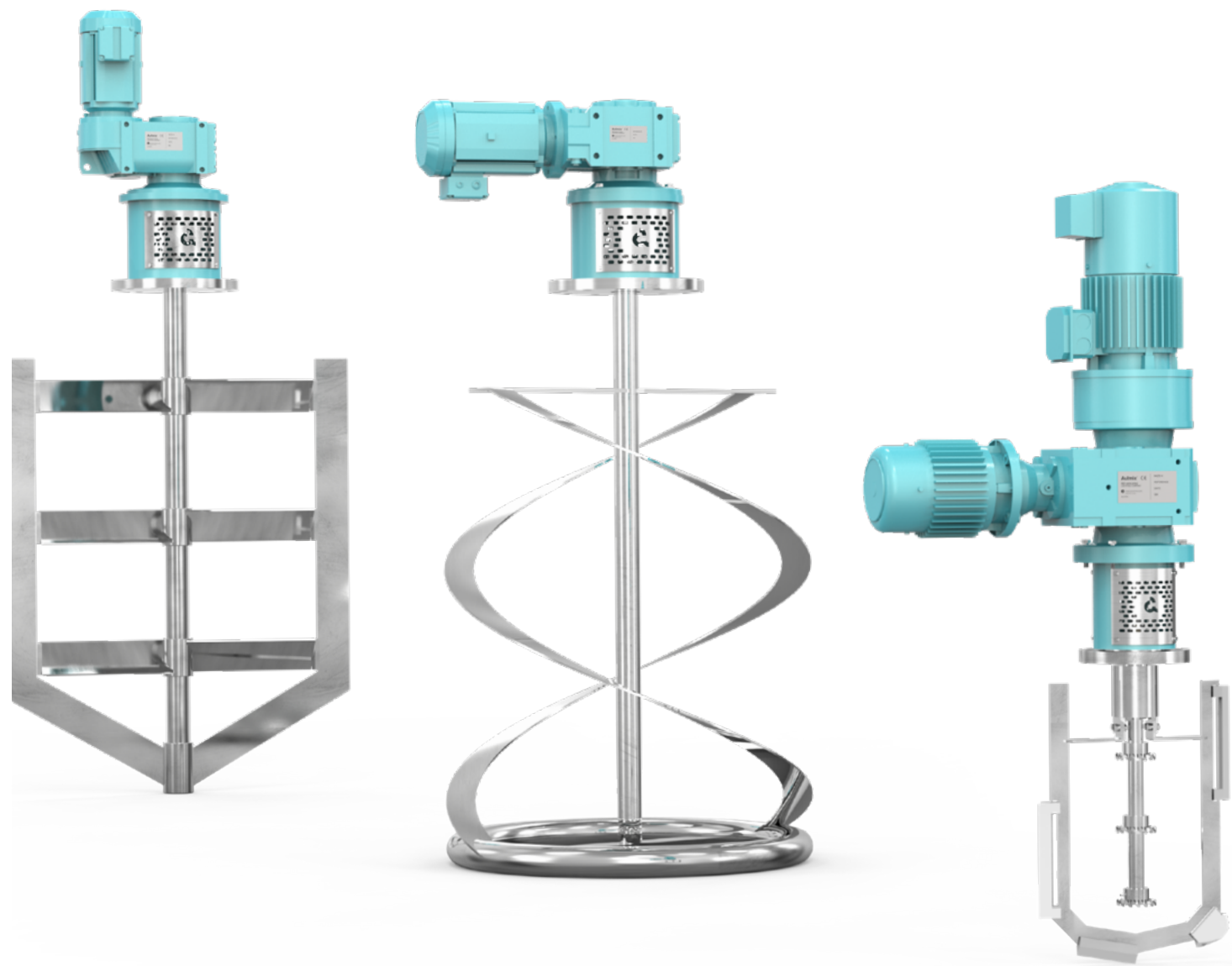
- 📄 792 - 270 000 US Gal.

MOUNTINGS

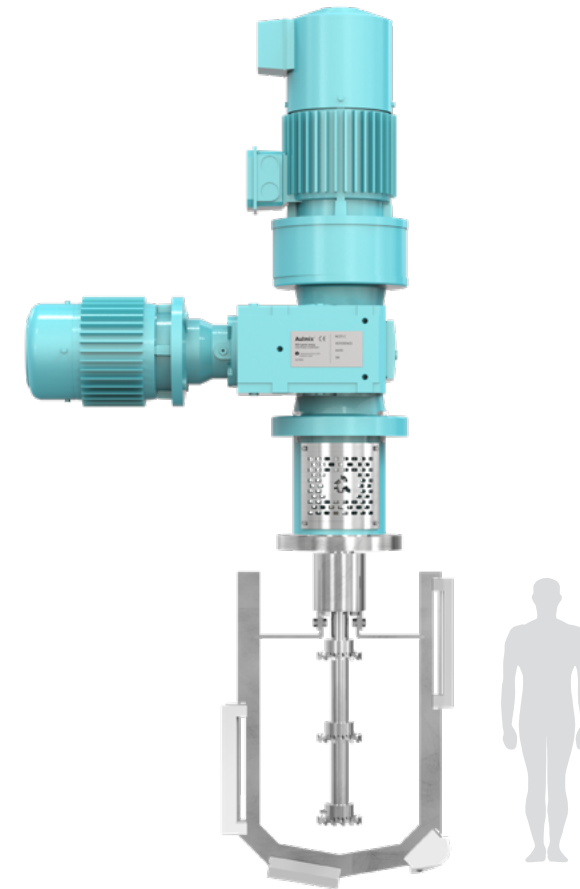
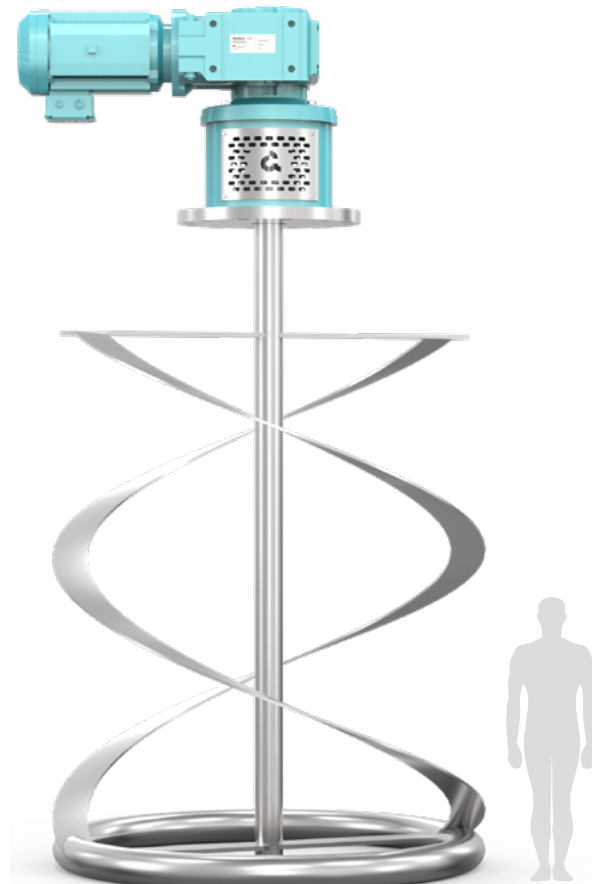
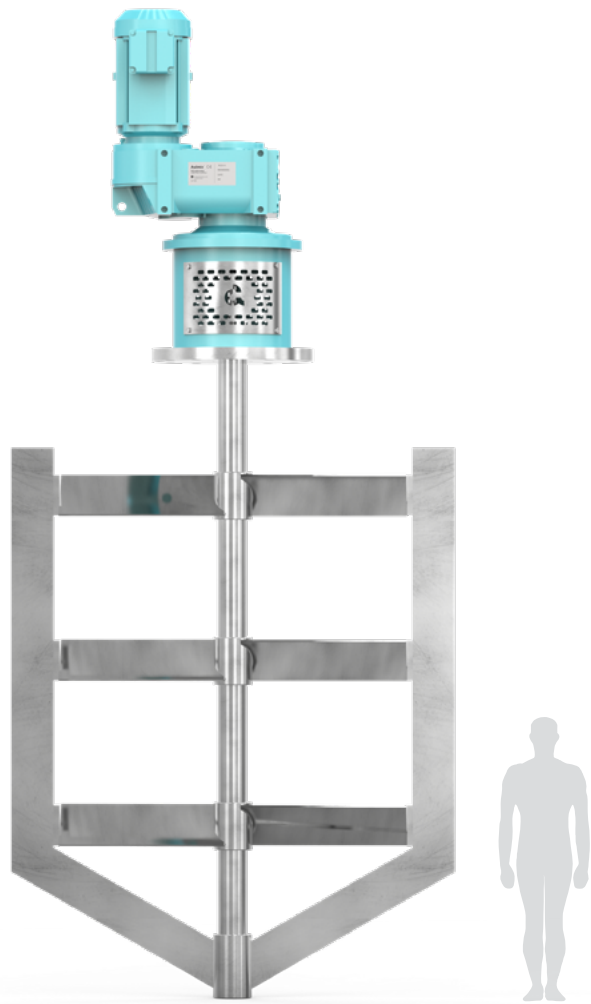


Flange

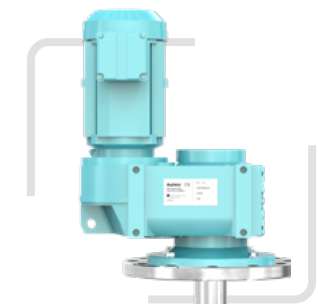
ANCHOR NC



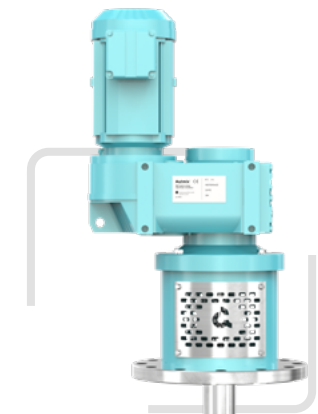
Movement throughout the entire product within the tank, even in high viscosity media.



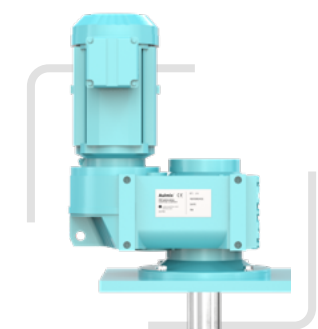
MOUNTINGS



Flange



Lantern



Plate

Standard NC(S)

Ideal for temperature exchange and homogenization operations.

- ⚡ 3 - 175 hp.

- 🌀 5 - 60 rpm.

- ↕ 39 - 355 in.

- ⊘ Up to 236 in.

- 📄 132 - 23 800 US Gal.

Helical NC(H)

Efficiency in mixings with high viscosity levels.

- ⚡ 3 - 60 hp.

- 🌀 5 - 60 rpm.

- ↕ 39 - 355 in.

- ⊘ Up to 236 in.

- 📄 132 - 23 800 US Gal.

Counter-rotating NC(T)

Double flow in opposite directions for mixing pseudoplastic fluids.

- ⚡ 3 - 175 hp.

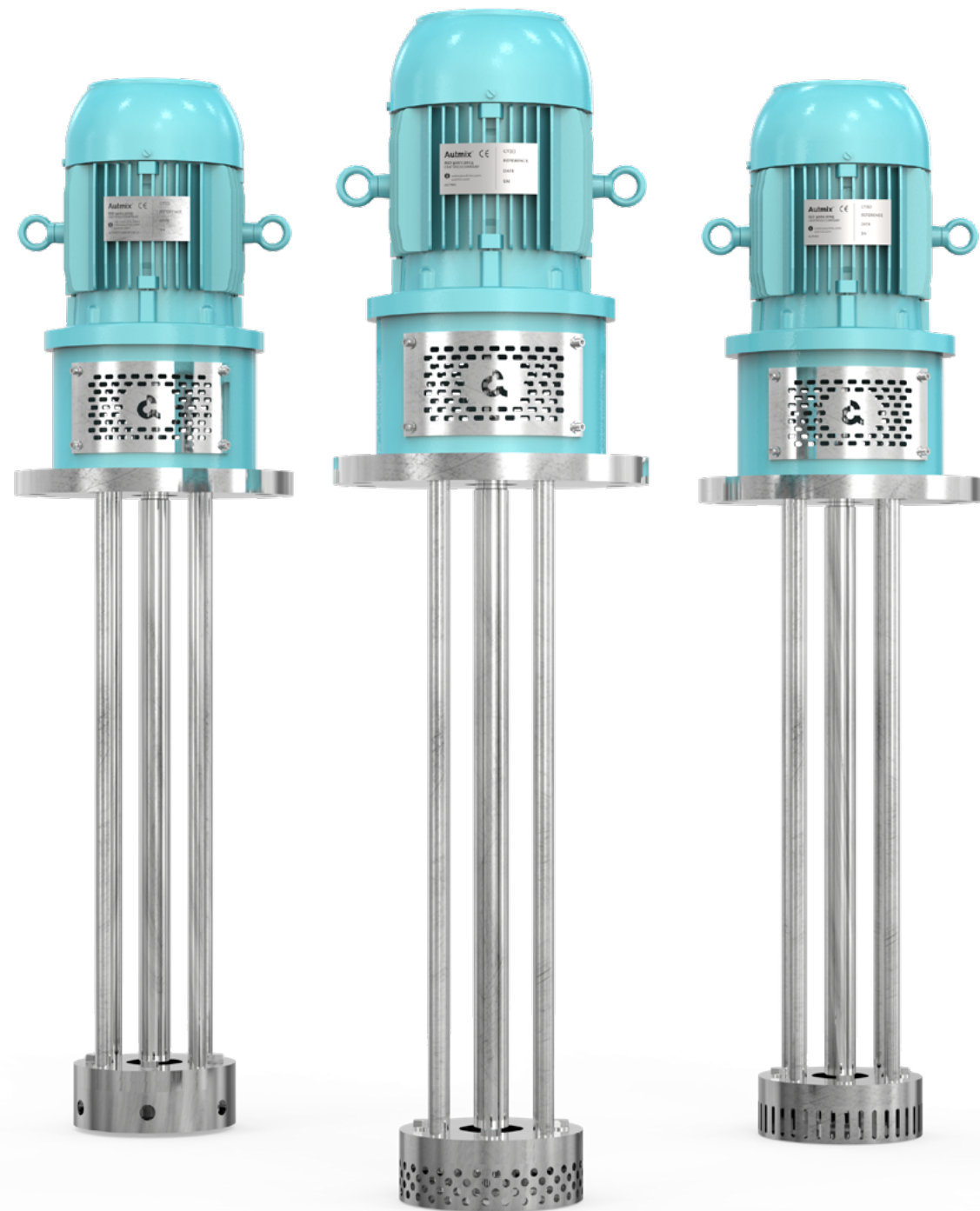
- 🌀 Impeller: 100 - 1 800 rpm. Anchor: 5 to 60 rpm.
Central shaft: 50 - 300 rpm.

- ↕ 39 - 355 in.

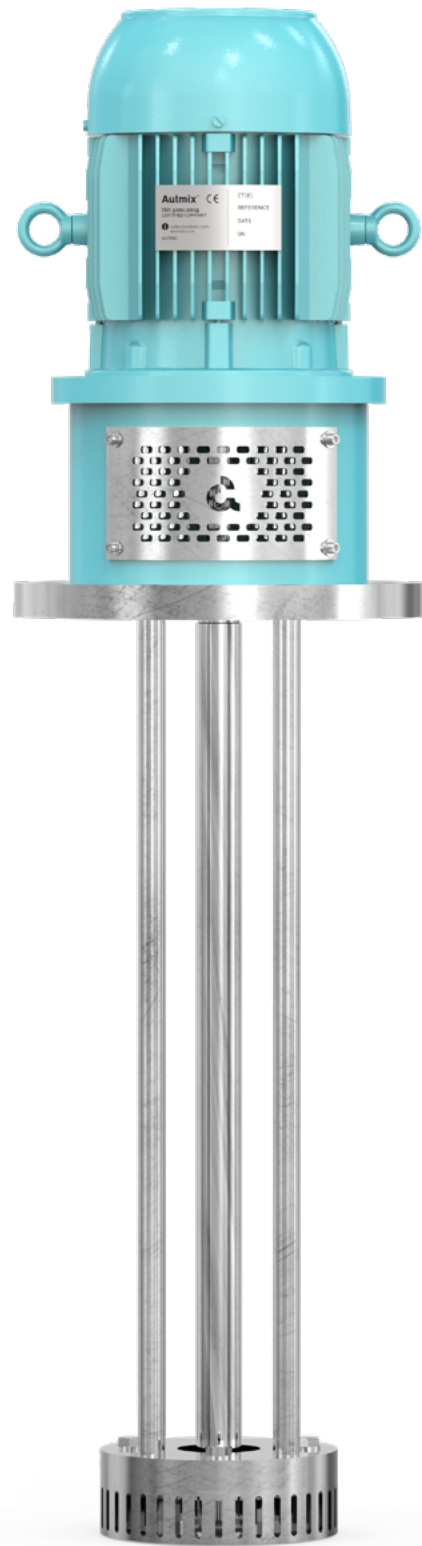
- ⊘ Impeller up to 20 in. Anchor up to 237 in.

- 📄 132 - 23 800 US Gal.

ROTOR-STATOR RE



High level of radial flow shear.



Rotor-stator RE(S)

Perfect for emulsions and dispersion under high shear rates.

⚡ 3 - 75 hp.

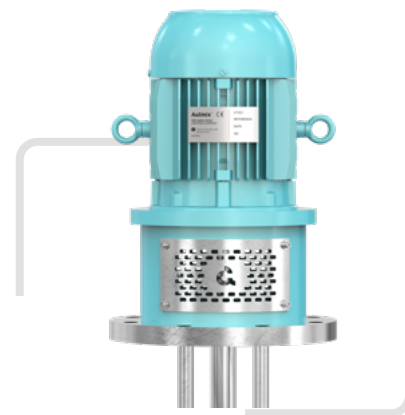
⌚ (50Hz) (750, 1 000, 1 500 rpm).
(60Hz) (900, 1 200, 1 800 rpm).

⏏ 79 in.

⌀ 16 in.

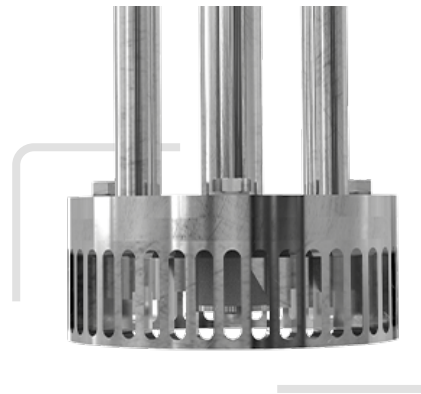
📏 26 - 1 850 US Gal.

MOUNTINGS



Lantern

STATOR TYPES



Standard

It performs several operations in a controlled and functional manner.

It's the ideal option for multiple processes.

Slotted

Disperses and disintegrates fibrous-type products: tissues (vegetable or animal), rubber and elastic polymers.

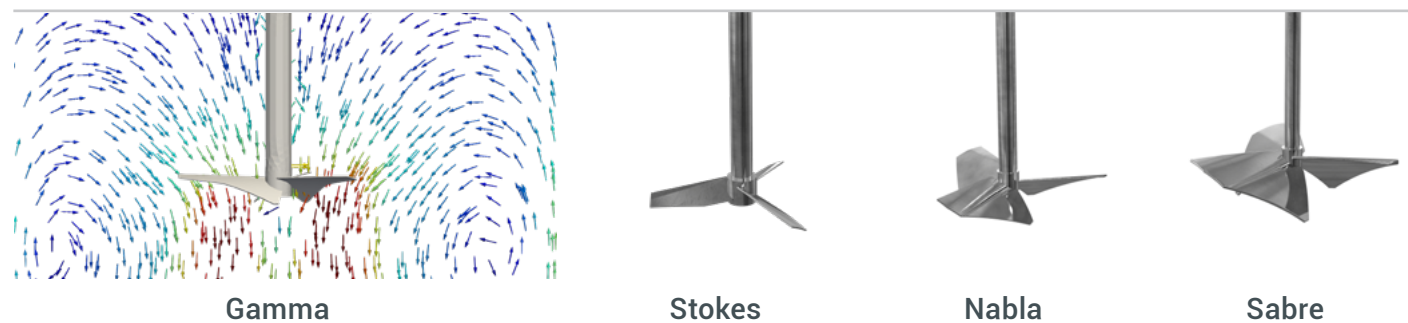
Emulsifier

Emulsion tasks with homogeneous results thanks to its high shear.

IMPELLERS

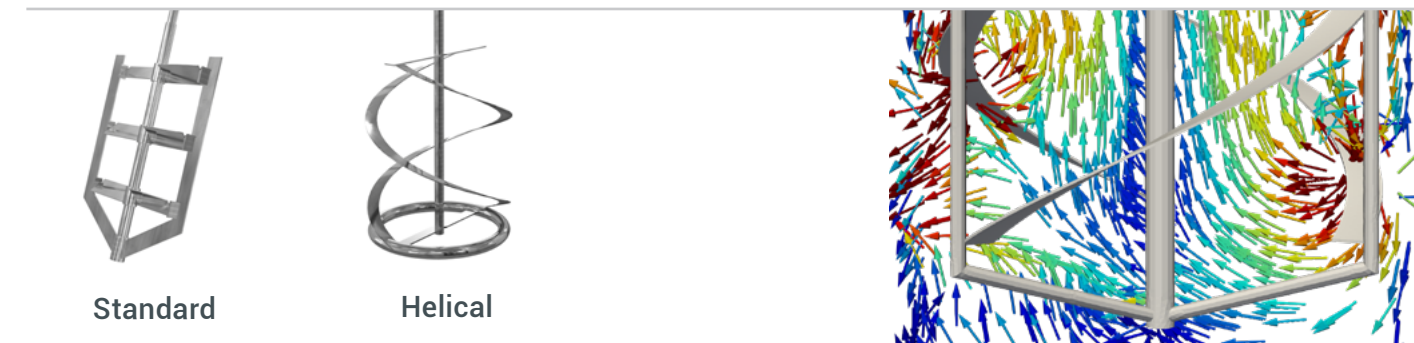
Axial profiles

Speed, axial flow and high level pumping.



Anchors

Ideal for viscous fluids; custom built for the tank.



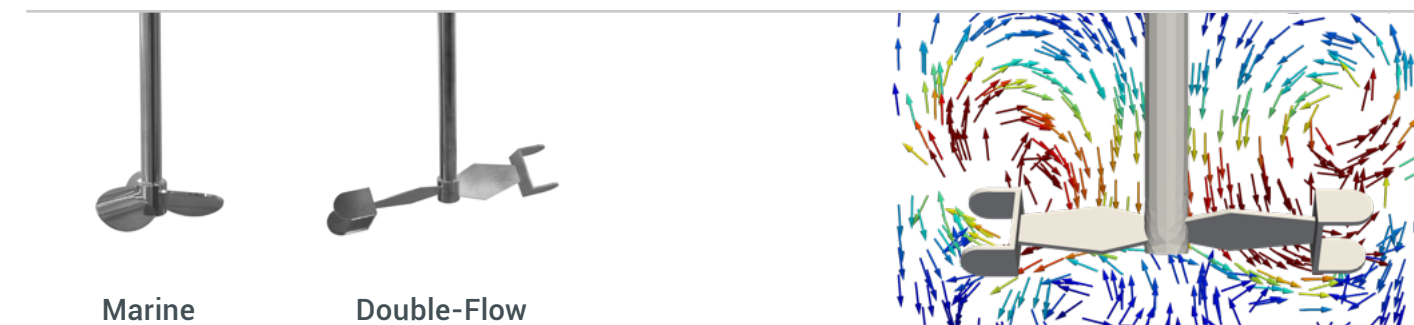
High cut blades

For high-shear flow procedures.



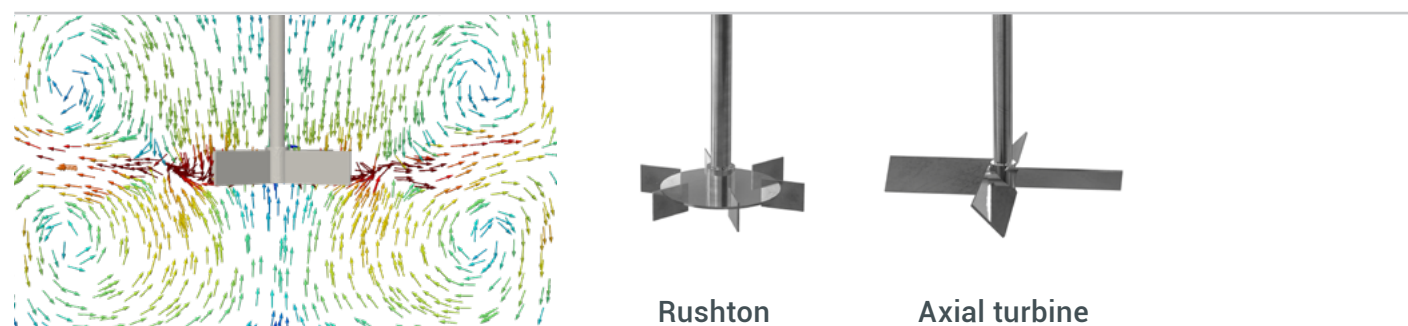
Multiple uses

Versatility in agitation process for fluids with low and high viscosity.



Turbines

Classic, simple and complete design for different agitation processes.

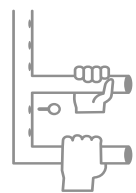


LIFTING SYSTEMS

A variety of manufacturing materials is available based on the type of process, including carbon steel, and stainless steel (AISI 304, 316).

Automatic system

Manual systems



Optional: Detection system that identifies the distance from the edge of the reactor for a safe operation.

SEALING SYSTEMS

Mechanical seals

The most diverse and effective options for sealing.

Cartridge seal

Designed for quick and easy installation, due to its pre-assembled components.



- Simple or double.
- It has internal bearings that prolong their life span.

Single seal

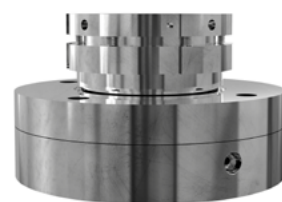
Reliable and flexible, simple seals are composed of two friction faces arranged in pairs, one rotating and one static.



- Versatility in applications.
- It features internal bearings that extend their lifespan.

Double seal

Maximum sealing for critical situations and less deterioration. Composed of two sets of friction face pairs.

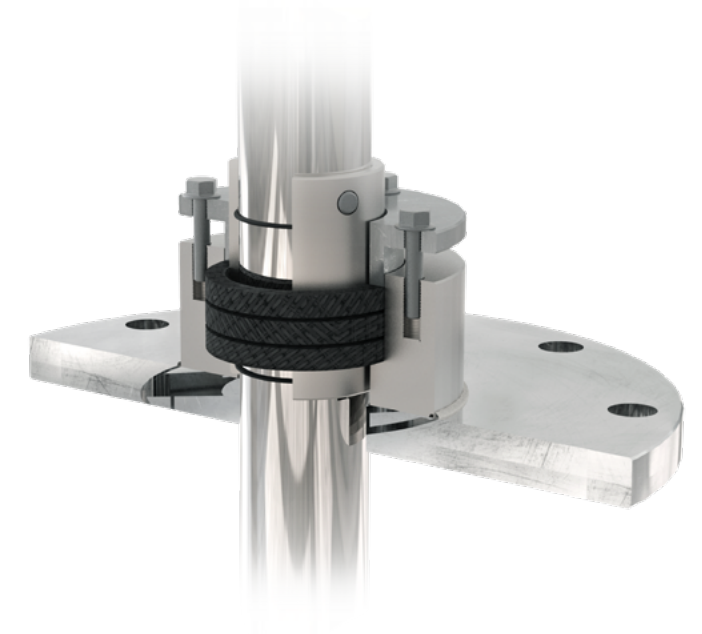


- Suitable for maintaining a safe environment when using volatile substances or in explosive environments.
- External cooling systems required.

Cable gland

Adaptable to the speed of rotation and pressure.

- Variety of materials: PTFE, graphite and fiberglass.
- Different chemical and temperature resistance properties.
- Used as a security system when installed together with a mechanical seal.



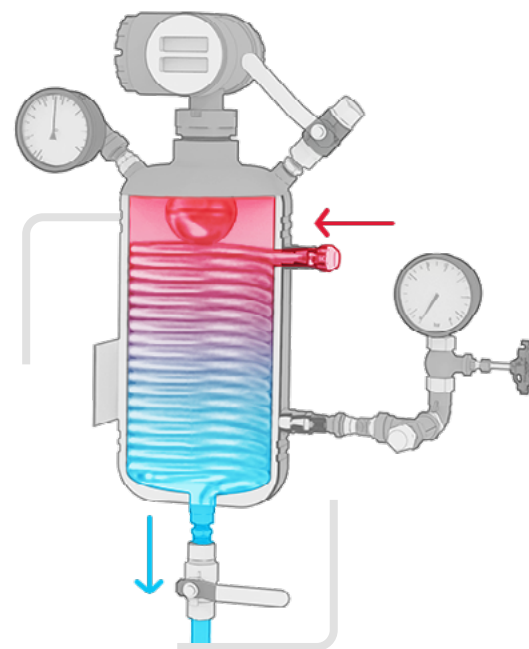
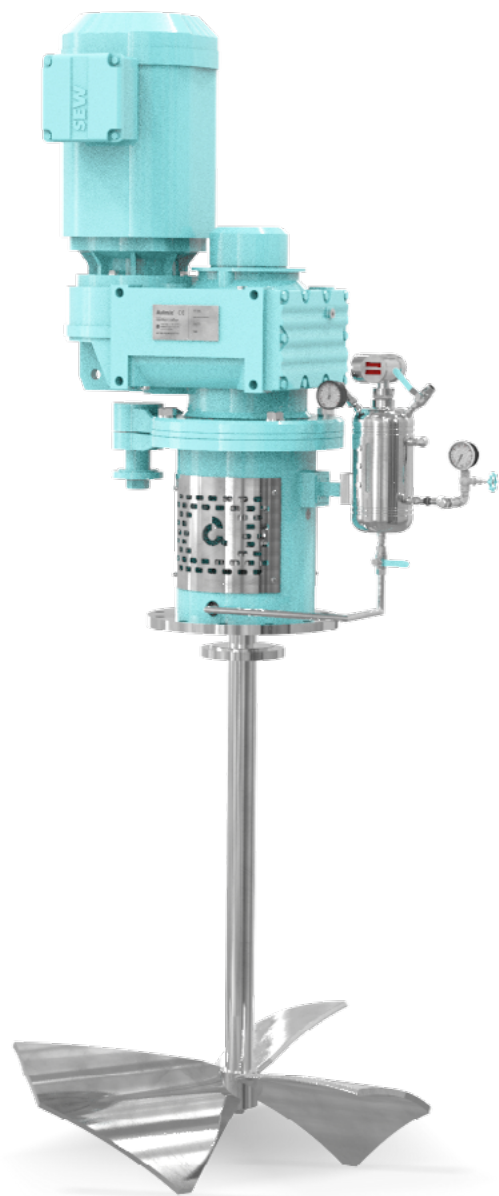
Seal locks

For moderate pressure and vertically mounted agitators, seal locks represent the simplest sealing system, offering a wide variety of options to choose from.

- Simple, double lip, with one or two springs.
- Diversity of materials: Teflon EPDM, nitrile, silicone, viton and more.
- Easy assembly and maintenance.

REFRIGERATION SYSTEMS

FULL TANK DISASSEMBLY

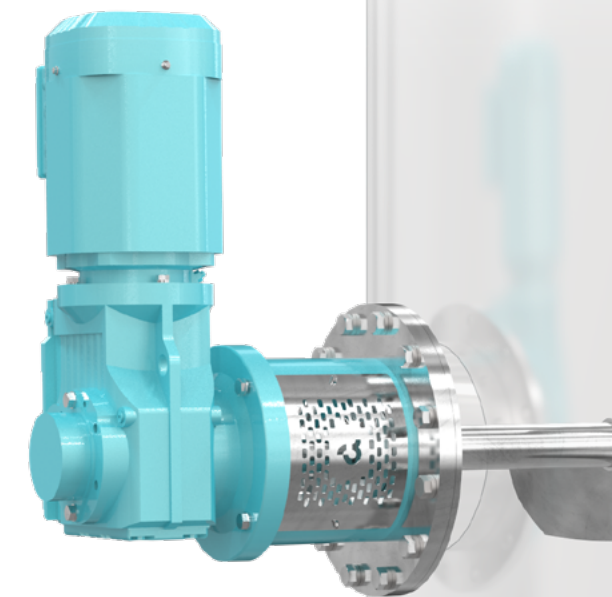
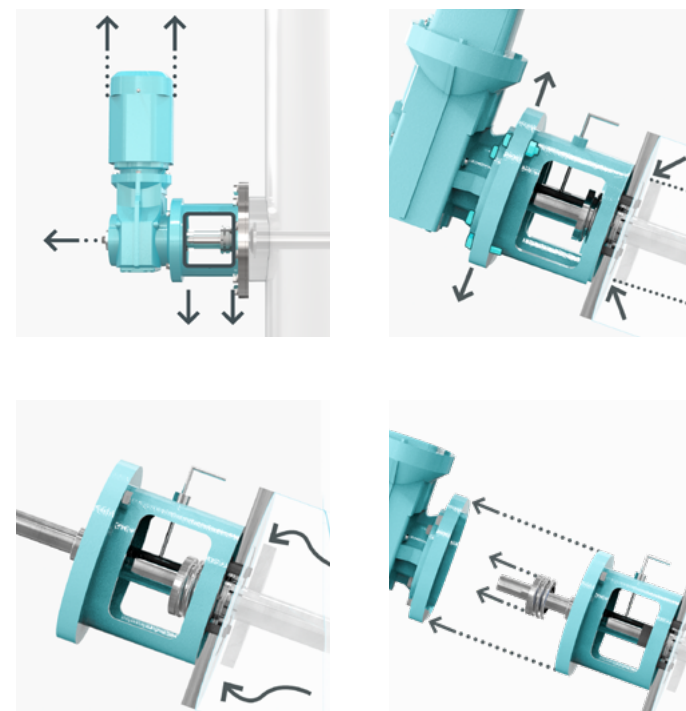


Thermosyphon system

Refrigeration system ideal for mechanical seals. It works autonomously, which represents practicality and less wear.

- Ideal for cooling mechanical seal faces, which reach high temperatures due to constant friction.

The full tank disassembly system is for the replacing of a mechanical seal and/or provide maintenance to the engine and reducer of horizontal and bottom agitators.

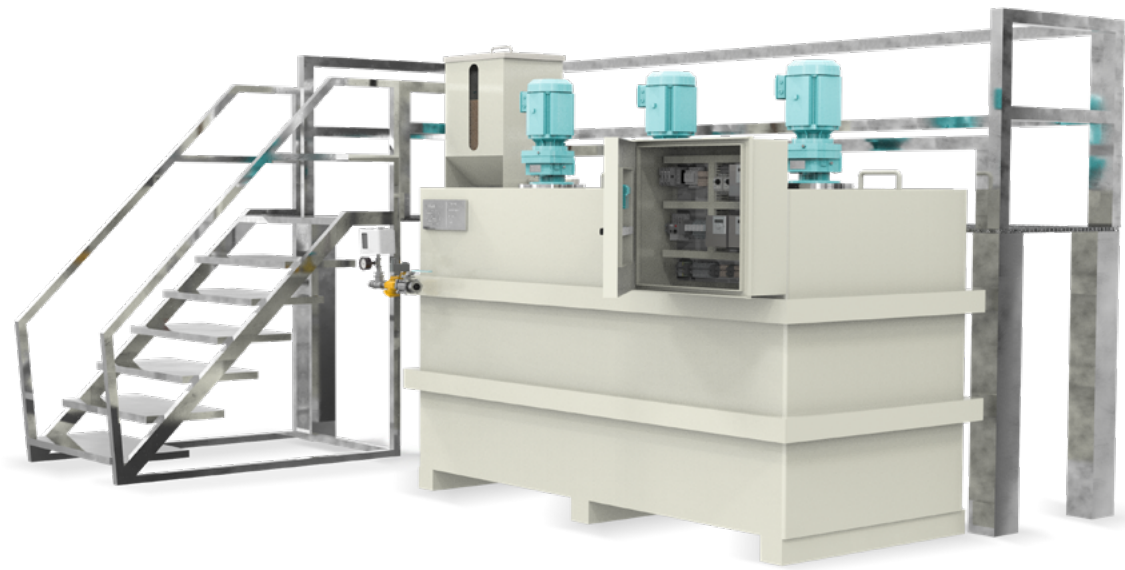


Benefits:

1. Simple disassembly and installation.
2. Ensure tightness during changing the motor, reducer or mechanical seal.
3. Consultancy and training for your staff.

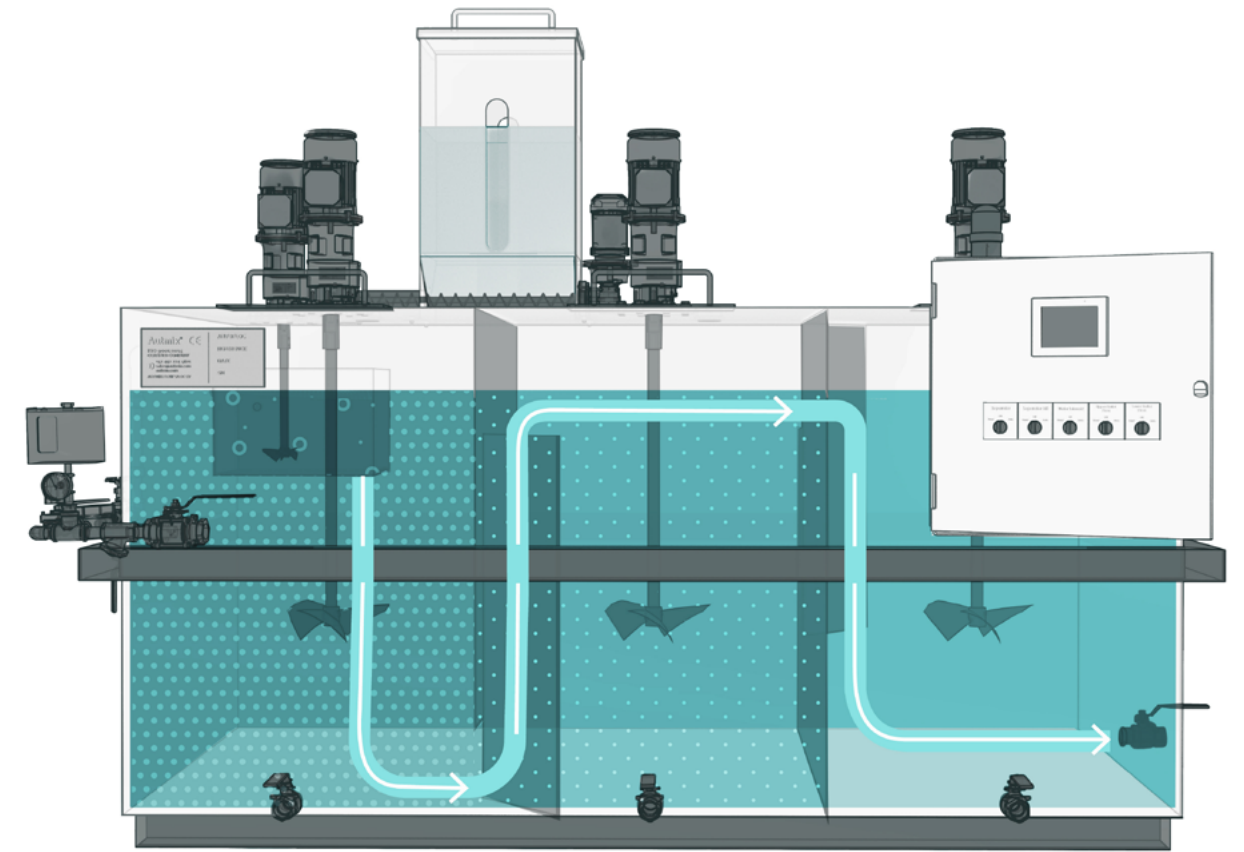
AUTOFLOC®

It enables the dosage during the preparation of polymers using the agglomeration of the particles in suspension.



Features

-
- | | |
|---------------------------------------|---|
| Capacity of 52 834 - 3 960 000 Gal. | From 2 to 4 containers, depending production. |
| Valve for flow control. | Dosing hopper to place the polymer. |
| Level detector with a warning signal. | Control panel adjustable to the needs of the process. |
| Variable agitator speed. | |



1

Preparation

The mixture of water and polymer is prepared with constant mixing.

2

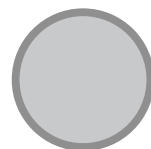
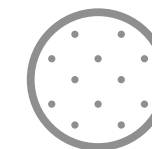
Maduration

The prepared fluid remains in the compartments and continues to a second container to homogenize the solution.

3

Dosage

The product, already matured and ready for use, remains in the dosing chamber, ensuring the quality of the product polymer.



Businesses that trust Autmix

FOOD AND BEVERAGE



PHARMACEUTICAL



CHEMICAL



SUGAR



OIL AND DERIVATES



PAINT



CEMENTS AND MORTARS



WATER TREATMENT



MINING



PAPER



Discover with Autmix how to take your operations to the next level

United States

+1 956 658 9054

sales.us@autmix.com

600 E John Carpenter Fwy 75062.

TX, United States.

Mexico

+52 442 224 5621

sales.mx@autmix.com

Carretera San Luis Potosí 1186. Int. 7ª Navetec

Business Park, Santa Rosa Jáuregui. 76223.

Querétaro, México.

Europe

+34 91 437 2618

sales.sp@autmix.com

Av. De la Industria, 4,

Natea Business Park 28108.

Alcobendas, Madrid, España.



Autmix reserves the right to modify the designs and materials of our products as we see necessary, without any requirement for prior notice or commitment.

For more information, visit [autmix.com](https://www.autmix.com)

COPYRIGHT © 2025 Autmix Group.



Autmix[®]

