

MILTON ROY MIXING Global proposal

Our commitment:

- Improve your competitiveness
- Increase the productivity of your processes
- Low maintenance, cost-effective solutions
- On time delivery
- Spare part availability

Perfectly adapted to every demand

- We work closely with our partners to improve process efficiency:
- Technological and regulatory intelligence
 - Simulations with Computational Fluid Dynamics (CFD)
 - Detailed studies
 - Pilot testing

Support and assistance to our customers

- Our staff provides equipment installation, start up, service and training of personnel on site:
- Diagnosis
 - Expertise
 - Advice
 - Local support

Protecting the environment



- Optimizing energy consumption
- Recyclability and Eco-Design
- Reducing the use of chemical additives
- Reducing the need for spare parts



A reliable partner.

Milton Roy Mixing is committed to providing a tailored response to individual situations while maintaining quality of service and safety, making us a valued partner for your projects.



World-recognized expertise.

With more than 50,000 Robin®, Hm and Helisem® agitators installed, our know-how and expertise are recognized on every continent in process, water treatment and oil & gas, and general industries.

Our recognized capacities in production and development help to ensure customer satisfaction.

Our products, regionally manufactured, comply with current standards with **ISO 9001, ISO 14 001, OHSAS, TRCU and ATEX**, etc...

Milton Roy Mixing boasts the expertise of **70 employees** and a professional network of partners.

Ethical behavior.

Our Group Charter encourages respect for commitments and individuals to provide our employees and partners with a professional environment and commercial exchanges that are fair and balanced.



an Accudyne Industries brand

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HELISEM® Mixers

You just found out how to increase the efficiency of your process!



Water treatment | Chemical Industry | Paints |
Pharmaceutical Industry | Lubricants | Agriculture
and also for additive preparations



an Accudyne Industries brand

Performance & Competitiveness

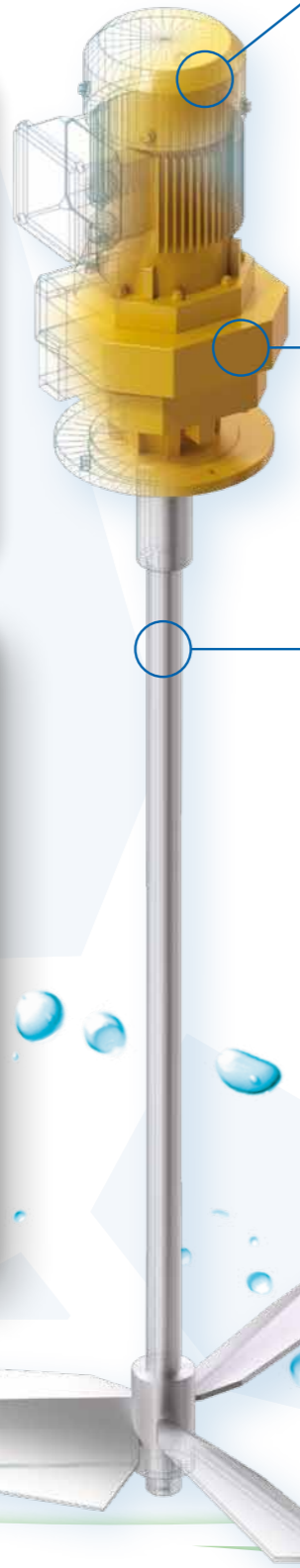
The MILTON ROY MIXING Helisem® standard vertical mixer product line

Main benefits:

- Energy savings up to 70%
- Easier, safer and less expensive to install
- The most competitive mixer range on the market

Areas of use:

- Operating volumes of 50L to 400 m³
- Gentle, medium and vigorous agitation
- Viscosity up to 1000 cP
- Density up to 1,3
- For any homogenization, dissolving operation



- Lower installed power (up to 80%) thanks to optimized selection and impeller choice.
- IE3 motor efficiency from 0,75 kW

- Gear reducer with reduced footprint (up to -20%)
- No maintenance required during first 2-3 years of operation for numerous models, under normal operating conditions

- Reliable shaft design with 50 % fewer weldings

- HXP patented hydrofoil propeller, top hydraulic yield (+40%) against PBT
- Safer and more reliable fixation device (cannot slide along the shaft)
- Quick and safer mounting at a lower cost



Environmental responsibility:
We are committed



VDA mixers

Impeller diameter (mm)	80 to 160
Rated power (kW)	0,25 to 1,5
Rotation speed (rpm)	1500

0,05 to 2 m³



VRP mixers

Impeller diameter (mm)	200 to 500
Rated power (kW)	0,18 to 0,37
Rotation speed (rpm)	100 to 280

0,1 to 5 m³



VRH mixers

Impeller diameter (mm)	600 to 2350
Rated power (kW)	0,18 to 3
Rotation speed (rpm)	16 to 76

2 to 100 m³



FRH mixers

Impeller diameter (mm)	400 to 3600
Rated power (kW)	0,12 to 1,1
Rotation speed (rpm)	7,5 to 68

1 to 400 m³

Main features:

Standard range:

- 1 or 2 impellers
- Designed for 50 or 60 Hz power supply
- ATEX Zone 1 & 2 certified
- 316L construction for wetted parts
- Delivery from 5 days

Options*:

- Suitable for humid and tropical environments
- Variable rotation speed
- Base plate
- Coating for corrosive products environments

*for any requirements beyond above features, please contact your local representative.