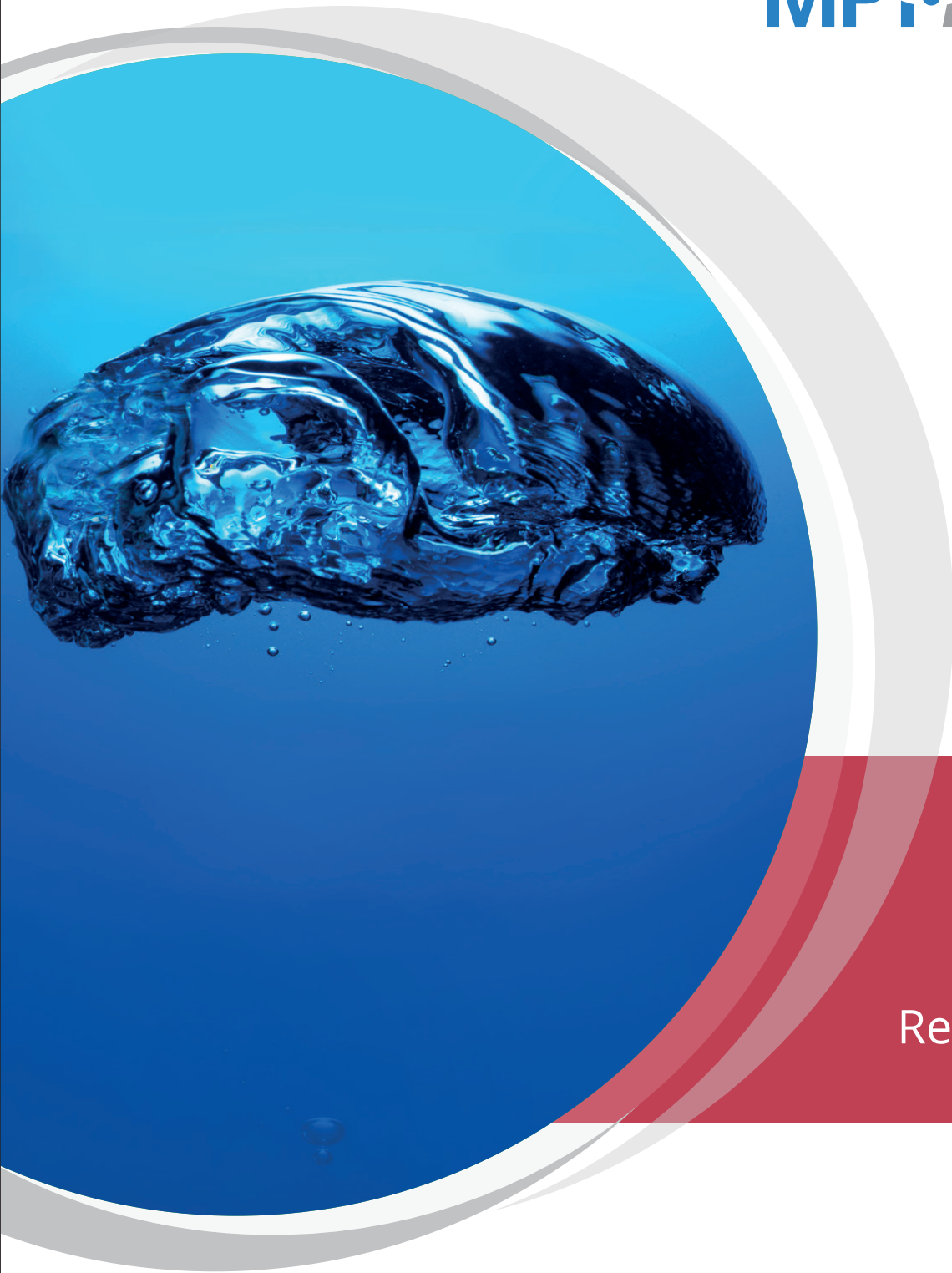


MPT·Dosing
by professionals.



Exclusive
Representation



Pneumatic pulse mixing
The power of the air bubble



The advantages of the air bubble: fast, economical, low-maintenance

- ▶ **Fast:** On average 75 % to 80 % reduction of the mixing time (e.g. gear oil in a 200 l container in 4 minutes).
- ▶ **Low maintenance:** No agitator shaft, no propeller, no wearing gaskets, no motor. Practically no maintenance.
- ▶ **Compatible:** Easy installation in existing tanks.
- ▶ **Economical:** The consumption of the Drum-Stick, for example, is less than 1.6 Nm³/h.
- ▶ **Simple:** No complex structural features required to improve the flow (e.g. deflectors and baffles).
- ▶ **Flexible:** Mixing parameters can be easily adapted to new recipes or other fluids.

#Pulsair



Portable mixers

The portable systems are plug-and-play mixers for tank sizes from 200 to 100,000 litres.

All they need for operation is an air/gas source. The all pneumatic units operate independently of the mains supply. (important for explosion proof zones). They are known for their low weight and easy operation.

How it works

The patented process works with accumulator plates at the bottom of the tank, which provide controlled pressure pulses. The result is the release of tremendous volumes into the system. With the help of controllers, this power can be easily dosed and adjusted to the requirements of the application. The rising bubbles generate a displacing force and a suction

Since 1983, Pulsair has been one of the world's leading companies when it comes to mixing liquids.

You don't become the market leader by chance. Top products, top technology and top quality usually form the basis. Pulsair's large-bubble, compressed-air-operated pulsed tank mixers and systems offer exactly these characteristics. They mix any liquids in containers of any size and shape (e.g. also railcar tanks and tank trucks). Users can increase their tank usage, accelerate their mixing processes and improve operating and energy efficiency.

Maintenance in tanks is even completely superfluous. As the exclusive European representative, MPT is your competent partner for all Pulsair products.



” Market leaders like to work with the best. That's why we are extremely proud of our exclusive partnership with Pulsair in Europe. “

Thomas Uhl / MPT, dosing and mixing technology

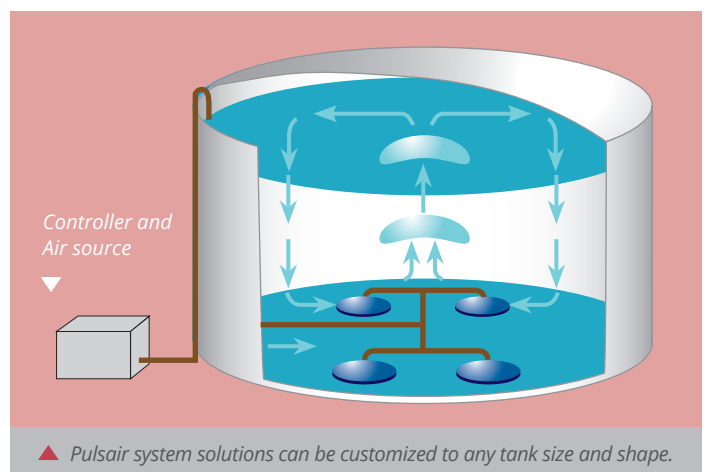
effect. The result is a vertical flow pattern, which quickly involves the entire tank contents and unfolds outstanding mixing power.

Pulsed mixing applications

- ▶ Mixing and adding of additives
- ▶ Homogenization
- ▶ Keeping suspended
- ▶ Avoiding stratification of temperature and viscosity
- ▶ Preventing or mixing up of sedimentations

Industries

Oil and lubricants, refineries, waste water, fresh water, paints, coatings, pigments, paper production, food industry, liquid fertilizer production etc.





MPT·DosING

by professionals.

MPT DosING is your engineering specialist for design, planning and construction of individualized chemical dosing systems for water treatment and numerous technical processes.

MPT DosING - Your specialist for customized plants and systems

- ▶ accurate dosing
- ▶ optimal control
- ▶ perfect mixing

Key Industries



Power Plant
Technology



Chemical
Industry



Petrochemistry
Oil & Gas



Chemicals
Trade



Alternative
Energies



Industrial
Wastewater

#Engineering + Plant Construction

Exclusive representations

Leading manufacturers are among our exclusive partners for Germany and Europe.

WALCHEM



MILTON ROY

MPT proprietary products

MPT dynamic inline mixers and MPT suction lances: well thought-out solutions resulting from our many years of experience.

MPT·DIN series

MPT·SL series

We look forward to your challenges

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