

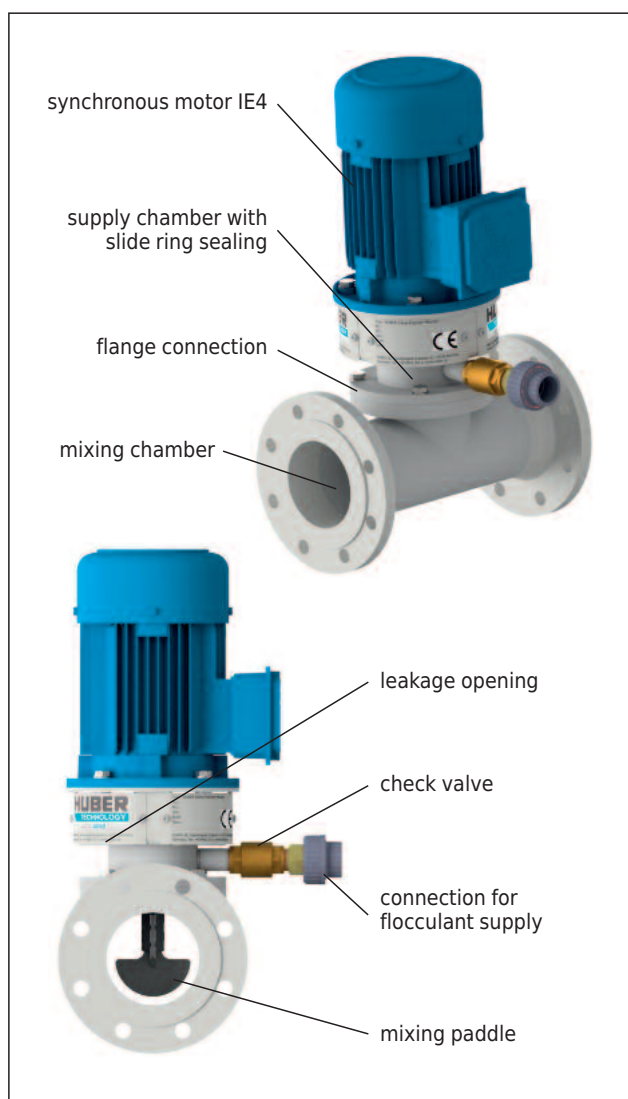
HUBER Inline Polymer Mixer IPM



- Optimized sludge thickening and dewatering
- Reduced operating costs
- Increased operating reliability

►► Design and function

The HUBER Inline Polymer Mixer IPM serves for the optimal admixture of flocculant when thickening and dewatering municipal or industrial sludge. The inline mixer continuously introduces the required mixing energy into the sludge flow and generates turbulent flow conditions at the entry point. It is also suitable to be applied when dewatering solids-rich and highly viscous sludge. With the use of the HUBER Inline Polymer Mixer IPM it is possible to increase the dewatering degree and/or reduce the specific polymer demand.



►► Technical data

- Motor power 2.2 to 4 kW
- Thin sludge throughput 0 - 12 m³/h
- Maximum DR content of thin sludge 5%
- Concentration of flocculant solution 0.1 - 0.4%

►► The user's benefits

- Optimized introduction of energy through flexible control and continuous adjustment of the mixing energy
- Reduced specific polymer demand through turbulent admixture of flocculant to the sludge
- Increased dewatering degree with optimal polymer consumption
- Clog-free operation through adapted stirrer configuration and automatically controlled reversal of rotation direction
- No additional operating media (lubrication by polymer)
- Suitable for highly viscous and fibre-containing sludge
- Low pump wear due to low counterpressure
- Reduced amount of preparation water due to increased concentration of polymer diluting solution



Mobile test unit of a HUBER Inline Polymer Mixer IPM

HUBER SE

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