



When the application requires batch processing of liquid polymer, the PolyRex Liquid is the right choice.

PolyRex Liquid is a turn-key automatic machine for batch-wise preparation and metering of polymer solutions from concentrated polymer.

PolyRex Liquid is designed to be as user-friendly and maintenance free as possible. The unit is easily controlled via the PLC touch screen display.

## Direct Benefits

- Batch preparation ensures a fully activated solution.
- Reliable pump for the concentrated polymer for safe feeding and easy maintenance. Low speed=long lifetime.
- High energy mixing of polymer concentrate via the injection nozzle and water ejector.
- Each unit is wet tested prior to dispatch from the factory and ready for immediate use.
- Due to its compact design, the PolyRex Liquid unit is easy to install and commission.

## Features

- Liquid polymer feed pump, type progressive cavity pump.
- Injection nozzle for adding the liquid polymer.
- Water ejector for optimal dissolving of polymer.
- Preparation/stock tanks made from stainless steel, fitted with our highly effective agitator unit. The preparation tank is fitted with a PVC cover and inspection hatch.
- Electrical equipment that ensure that PolyRex Liquid is easily operated via the PLC touch screen display.
- The tanks and the agitator are made of stainless steel AISI 304 and blasted with glass pellets. The water armatures are in brass and all pipework is PVC.

## Technical Data

Max. preparation capacity at 0.5% or 0.25% stock solution concentration and 30-15 min. maturing time.

## Capacities (kg/h)

Type	Tank size	0.50% solution	0.25% solution
PolyRex Liquid1.0	2 × 0.5 m <sup>3</sup>	3.2 – 5.3	1.7 – 2.9
PolyRex Liquid 2.0	2 × 1.0 m <sup>3</sup>	6.4 – 9.5	3.5 – 5.7
PolyRex Liquid 3.0	2 × 1.5 m <sup>3</sup>	8.2 – 12.4	4.6 – 7.5
PolyRex Liquid 4.0	2 × 2.0 m <sup>3</sup>	11.4 – 15.9	6.7 – 10.2