

## POLYMORE midi 175-38

is a complete dissolving- and dosage equipment for liquid, concentrated polymer in emulsion- or dispersion form.

The equipment is complete, including mixing chamber with a built in agitator. The machine is delivered with a system for solvent water including valves, flow meters, flow switch and a control cabinet with a built in pump for the concentrated polymer.

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is designed for a maximum capacity of **38 litres** concentrated polymer (product as supplied) per hour with a maximum flow of **10500 litres** water.

### Technical data:

Water flow - preparation water:	20 - 50 litres/ min
Water flow - dilution water:	10 - 125 litres/ min
Polymer flow - dosing pump:	32 - 633 ml/ min
Rated current:	max 3A
Voltage supply (acc. to IEC 60309-2):	380-420 VAC, 50 Hz, 3P+N+PE *other voltages available upon request
Control circuits (PELV):	24 VDC
Remote control:	Voltage free contact + 4 - 20 mA
Volume - mixing chamber:	78 litres (Ø 380 x 700 mm)
Retention time:	4 - 1 min
Dimensions - Deep x Width x Height:	app. 630 x 820 x 1020 mm
Connection - water:	ISO-G 2
Connection - polymer solution:	ISO-G 2
Polymer dosing pump - type:	Peristaltic (tube) pump
Sound level:	< 60 dB(A)
Max. counter-pressure, polymer solution:	1 bar
Recommended running temperature:	+10 - +40 °C
Weight (empty chamber):	90 kg
Internal diameter of the pump tubing:	Ø 8,0 mm (2 nos. of tubes)