

POLYMORE midi 300-54

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 meter, a flow switch, a control cabinet and integrated pumps for the concentrated polymer.

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is designed for a maximum capacity of **54 litres** concentrated polymer (product as supplied) per hour with a maximum flow of **18000 litres** water.

Technical data:

Water flow - preparation water:	20 - 100 litres/min
Water flow - dilution water:	20 - 200 litres/min
Polymer flow - dosing pump:	45 - 900 ml/min
Rated current:	max 3 A
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, (Ø380 x 700 mm)
Retention time:	4 - 1 min
Dimensions - Deep x Width x Height:	app. 680 x 900 x 1650 mm
Connection - water:	ISO-G 1 1/2
Connection - polymer solution:	ISO-G 2 1/2
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):	110 kg
Internal diameter of the pump tubing:	Ø 8,0 mm