

### 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.

### POLYMORE midi 300-54

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):	400 VAC, 50 Hz, 3P+N+PE
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. 630 x 800 x 1020 mm
Connection - water:	R2½" - 63
Connection - polymer solution:	R2½" - 63
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