

DEWA

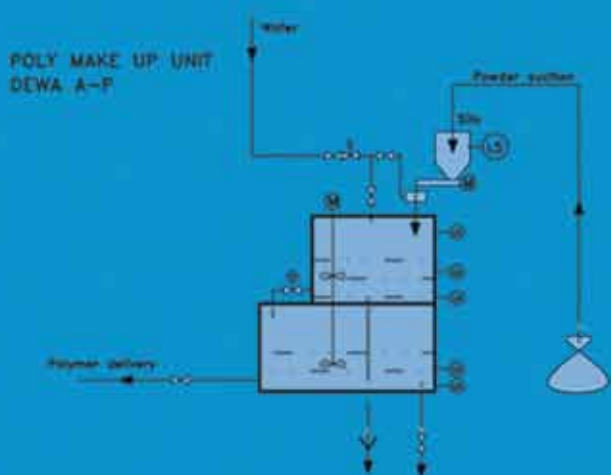


## DEWA A-P

Automatic Polymer Preparation  
and Post Dilution System

# DEWA A-P

## Automatic Polymer Preparation and Post Dilution System



The DEWA A-P automatic polymer preparation systems have gained a vast reputation in the municipal water and sewage applications industry as well as in processing industries such as pulp & paper processing. The batch preparation system offers excellent features compared to a continuous system. The reason is that the "short circuit" effect is being avoided. The specially designed and semi-automatic post dilution systems along with dosing pumps.

Polymer concentration is set via calibration of the dry polymer feed rate and dilution water flow rate. This concentration can be adjusted by programming the desired value into the PLC panel.

For the large scale of applications DEWA provides various configurations, including big sack handling, manual/ automatic post dilution systems, air/screw feeding arrangements, double deck / separate chambers and dust covers to facilitate operator friendly environment. Standard volumes are available from 1m<sup>3</sup> up to 10m<sup>3</sup> with solution strength of 0,05 – 0,4%

All of the A-P units are designed for one-hour aging time from initial mixing to discharge.

*DEWACO is a resource for both industrial and municipal applications, assisting in the design, manufacturing and installation of complete sludge dewatering and sludge removal systems. DEWACO successfully facilitates clients by providing them with technically proficient, cost-effective solutions. With decades of experience and technical expertise, DEWACO understands what technology is appropriate to each and individual application. From individual components to complete sludge treatment systems, DEWACO is committed to serve you with unparalleled support and uncompromising quality.*

## AUTOMATIC POLYMER PREPARATION SYSTEM DIMENSION TABLE

MODEL	A-P 1	A-P 2	A-P 3	A-P 4	A-P 5	A-P 5*
Length mm	1600	2100	2200	2200	2800	2x Ø 2400
Width mm	1000	1500	1500	2000	2000	
Height mm	2800	3200	3500	3600	4400	2700
Weight kg	480	620	750	1050	1400	1600
Prep. vol.m <sup>3</sup>	1.0	2.3	2.9	3.9	4.9	8.4
Storage. vol.m <sup>3</sup>	1.1	2.5	3.0	4.0	5.2	8.4
Power kW	2.38	2.38	2.38	2.38	2.38	13.16

\* Separate Chambers

DEWACO has the rights to modify these specifications

## Advantages

- Reliable design with optimum dispersion
- Batch preparation gives excellent features compared to a continuous system
- Easy choices for different solution strengths
- Automatic and semi automatic post dilution systems
- Easy modification
- Dust free working environment
- High quality stainless steel material and components
- Automatic, remote or local control possibilities
- Big bag loading as an option
- Customer satisfaction guaranteed

Over 25 years experience in Sludge Treatment Technology

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