

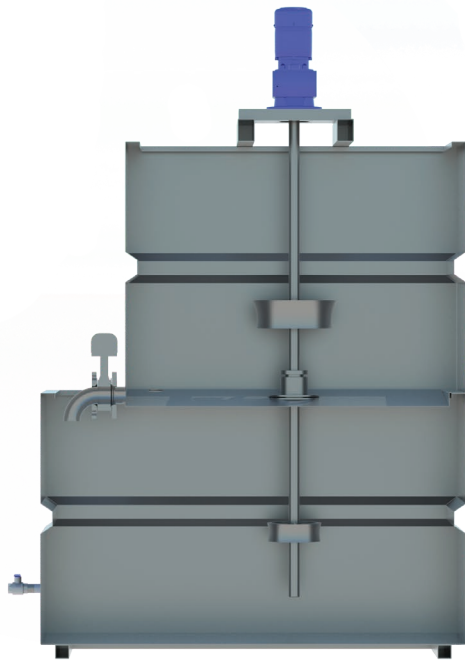


DEWA A-P
AUTOMATED POLYMER PREPARATION UNIT



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DEWA A-P automatic polymer preparation systems as a part of the effective and reliable waste water treatment processes. It is applicable for both municipal and industrial applications.

The batch preparation philosophy in technology selection is chosen to guarantee the formation of the best possible concentration. All of the A-P units are designed for one-hour aging time from initial mixing to discharge. Product quality and long lifetime are supported by using high quality stainless steel material and components

Polymer concentration is set via calibration of the dry polymer feed rate and dilution water flow rate. The concentration can be adjusted by programming the desired value into the PLC panel. Standard volumes available from 1 m³ up to 10 m³ with preparation solution strength of 0,05 – 0,4% and can be diluted to required final strength.

For the large-scale applications DEWA A-P can be supplemented with various peripheral devices, such as big sack handling, manual / automatic post dilution systems, and air/screw feeding arrangements. Also configuration can be changed from the standard double deck model to the flat mode depending on the client's space requirement.

MODEL	A-P1	A-P2	A-P3	A-P4	A-P5	A-P7,5
Length, mm	1500	2100	2200	2200	2800	2400
Width, mm	1000	1500	1500	2000	2000	2400
Height, mm	2850	3200	3500	3600	4400	2700
Weight, kg	450	550	800	950	1140	1600
Preparation volume, m ³	0,8	1,8	2,8	3,8	4,8	7,3
Storage volume, m ³	1,0	2,0	3,0	4,0	5,0	7,5
Power, kW	2,38	2,38	2,38	2,38	2,38	10,08

Key Features

- Reliable design with optimum polymer dispersion
- Batch preparation
- Easy choices for different solution strengths
- Automatic and semi-automatic post dilution systems
- Equipped with local PLC, remote control possibilities
- Big bag loading for dry polymer and post dilution as an options
- High quality stainless steel material and components
- Liquid polymer feed as an option



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