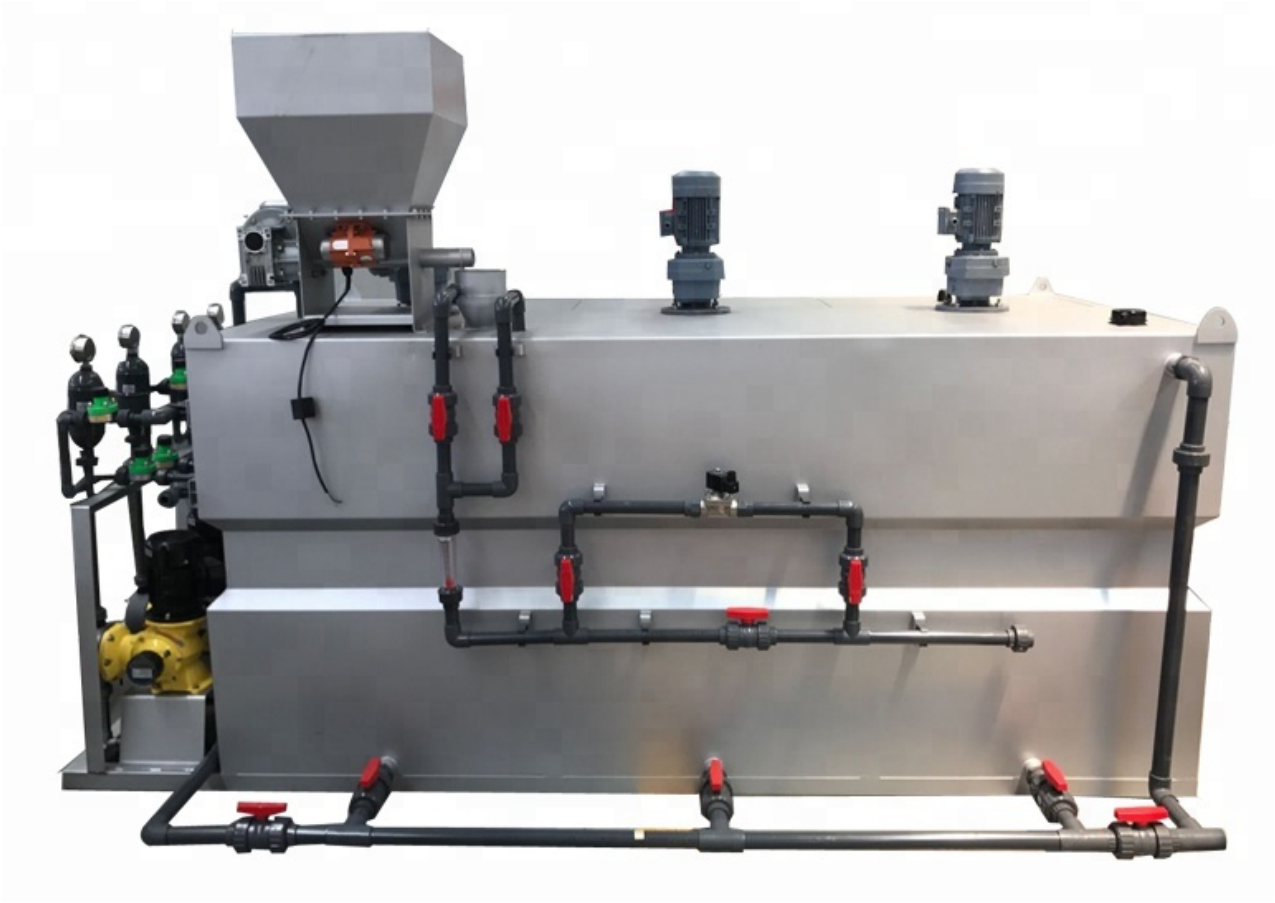
POLYMER DOSING SYSTEM



Product Introduction

The Polymer dosing system is range of simple and flexible as well as economic and efficient preparation systems for polymers. The product range cover from 1 to 3 chamber systems and associated dosing stations for both dry and liquid polymers.

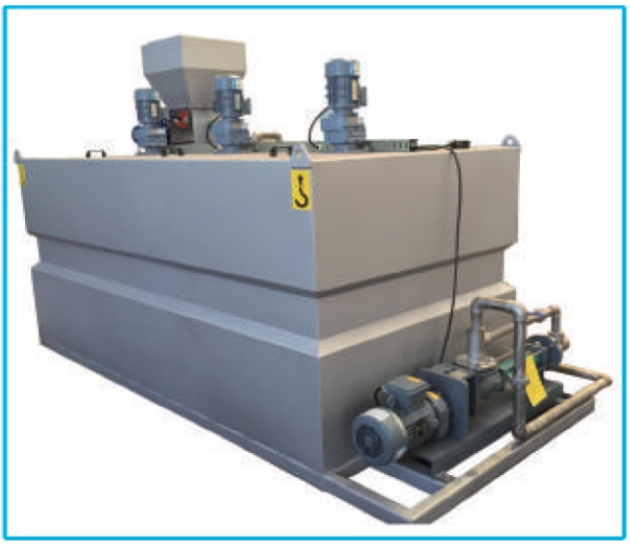
The systems are equipped with precise water and level control to secure efficient and economic operation of the systems.

We customize the systems to match the application and customer needs, i.e. volume of polymers in kilogram per hour or concentration of polymers in the prepared solution or ripening time.

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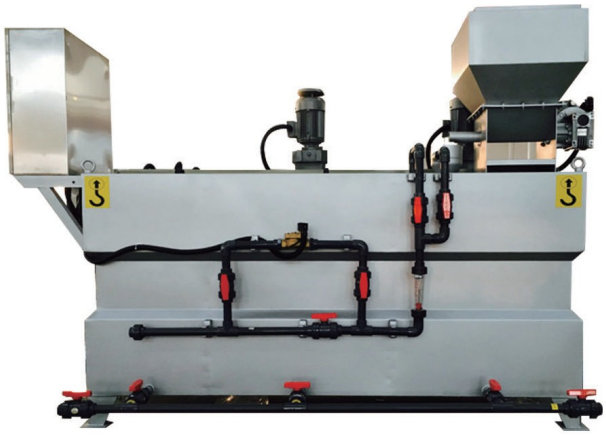
Application:

Prepared polymers are used to achieve coagulation and flocculation as a means to particle removal in both drinking water and waste water treatment.

Also, polymers are instrumental in efficient sludge dewatering applications.

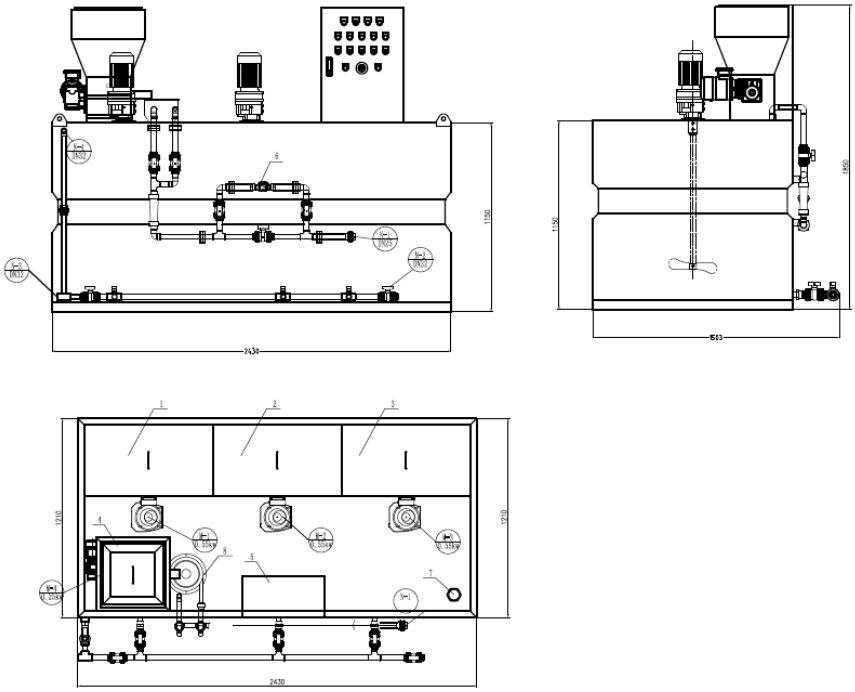
Features and Benefits:

- Mixer: Ensures perfectly homogeneous dilution of concentrated polymer.
- Accurate contact water meter: Design for application
- Flexibility in tank material: SUS304/SUS316L/PP
- Broad accessory range: Design for application
- Device position flexibility: Flexible installation
- Profibus-DP, Modbus, Ethernet: Flexible integration into central controls
- Continuous level control in dosing chamber: reliable automatic process
- Strong integration with post-preparation equipment, incl. dosing stations(optional): easy configuration and commissioning
- Ability to engineer-to-order: Customers get custom-tailored solutions



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Specifications

Item \ Model		HLJY-500	HLJY-1000	HLJY-2000	HLJY-3000	HLJY-4000	HLJY-7000
Capacity (L/H)		500	1000	2000	3000	4000	7000
Dimension mm (L*W*H)		1491*1400 *1870	1990*1300 *1660	2430*1503 *1850	2900*1650 *1910	3000*1850 *1817	4000*1800 *2000
Screw Feeder Power (kW)		0.25	0.25	0.25	0.25	0.25	0.25
Mixer	Paddle Dia Φ (mm)	350	350	350	350	400	400
	RPM	91	91	91	91	91	91
	Power (kW)	0.55*2	0.55*2	0.55*3	0.55*3	0.75*3	1.1*3
Feeding Hopper	Hopper Capacity(l)	50	50	50	50	70	70
	MOC	SUS304/ SUS316L	SUS304/ SUS316L	SUS304/ SUS316L	SUS304/ SUS316L	SUS304/ SUS316L	SUS304/ SUS316L
	Power (kW)	0.25	0.25	0.25	0.25	0.25	0.25
Material of Construction		SUS304/ SUS316L	SUS304/ SUS316L	SUS304/ SUS316L	SUS304/ SUS316L	SUS304/ SUS316L	SUS304/ SUS316L
Control Panel		Button/HMI	Button/HMI	Button/HMI	Button/HMI	Button/HMI	Button/HMI