

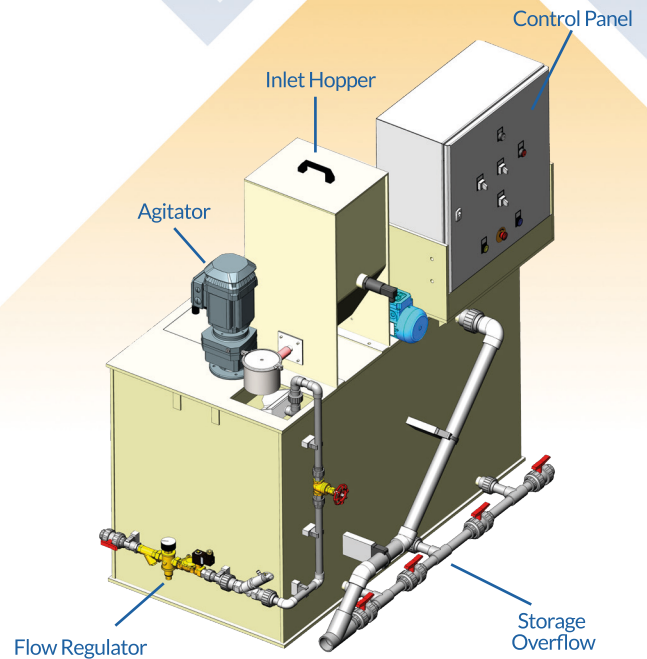
POLYMATE POWER PLANT

A PRODUCT SODIMATE

We offer a wide range of flocculant powder preparers :

Polymatic P is a polyelectrolyte preparation facility. It can be used in all applications or synthetic or biological polymers (option) in powder form must be prepared automatically in solution as flocculants.

Many polymers are available in the market, they can be used to prepare the best mixture of various quantities, which is fully automated.



▶ **ADAPTABLE**

▶ **TURNKEY**

▶ **REDUCED MAINTENANCE**

Powder Version

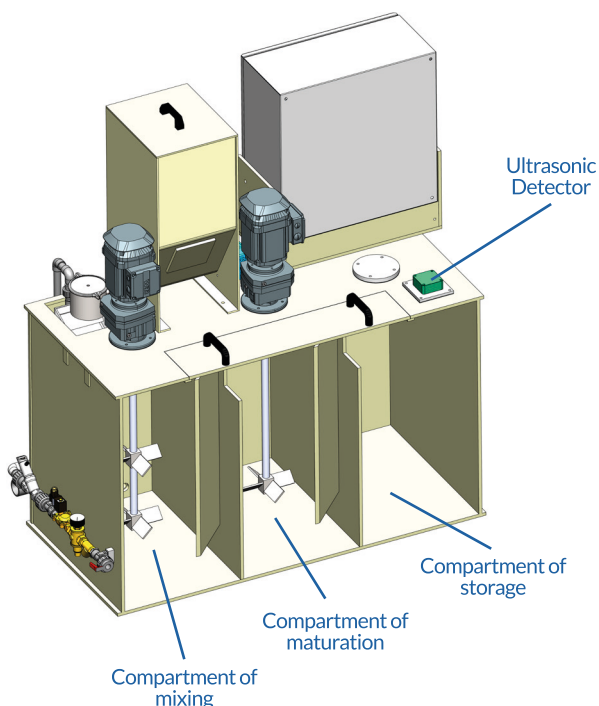
The Polymatic P is composed of a stirred tank in PPH with 3 compartments (mixture - maturation - storage) linked with each other by an overflow

The first two compartments are systematically equipped with an agitator, the 3rd is not agitated except in specific cases or requests.

The first mixing compartment is supplied with water by a mixing and is fed by pumping water through piping on the outside of the tank and powder by a volumetric dispenser fixed on the roof of the tank.

This one is equipped :

- a hopper filled with bags ;
- or a vacuum cleaner system ;
- or Big-Bag drainer



POLYMATE POWER PLANT

A PRODUCT SODIMATE



OPTIONS

- ▶ Touch screen on the front of the control panel
- ▶ Big-bag drain stand with micro-feed screw
- ▶ In-line dilution table with static mixer
- ▶ Dimensions of the custom-made tank
- ▶ Powder vacuum cleaner for filling the micro-feeder Hopper
- ▶ Extraction dosing unit(s) with eccentric rotor mounted on the tank
- ▶ Custom positions of the different accessories on the tank
- ▶ Agitator in the third compartment

POLYMATIC RANGE	650P	1000P	1500P	2000P	3000P
Length x Width x Height	1414 x 734 x 880	1530 x 1000 x 880	1592 x 1230 x 1000	2130 x 1230 x 1000	2624 x 1450 x 1000

Withdrawal rate in L/h Max for a maturation time of 30 minutes	1300	2100	3000	4000	6000
Water supply	DN20	DN20	DN20	DN40	DN40
Water flow in L / H envisaged for 30 minutes for max racking	2600	4100	6000	8 120	12 000
Mecotronic flowmeter range + l/h display	120-6000	120-6000	120-6000	240-12000	240-12000
Powder flow rate for a concentration of 2 g/l	5,2 Kg/h	8 Kg/h	12 Kg/h	16 Kg/h	24 Kg/h
Powder flow rate for a concentration of 4 g/l	10,4 Kg/h	16 Kg/h	24 Kg/h	32 Kg/h	48 Kg/h

Dosing range in Kg/h	1 à 5	5 à 25	10 à 50	10 à 50	10 à 50
Motor Power	0,18	0,18	0,25	0,25	0,25