



APPLICATION

With the Autofloc 85, flocculants and any other reagent can be prepared more intensively and at higher rates in the three agitated compartments inside the main tank: the first two compartments are used for maturation, with a residence time necessary for the flocculant molecular chains to swell; the third compartment is fitted with a control system to operate the station automatically. Our AUTOFLOC stations are ready to be hooked up to the water and electricity supplies. They are fully automated and prepare the solution in continuous mode. Some processes are upgradable and the type of polymer used may change. This is why we have developed stations that can work easily with powder and emulsion polymers. The Autofloc 85 is available in 500- to 12,000-litre versions.

Benefits

- Three-tank (preparation and maturation) station
- 2 to 3 agitators
- Accommodates customised processes
- Full, highly optimised preparation

Powders : the flocculant is stored in a hopper that feeds a variable-rate metering device. A station consists of a main tank split into three compartments that are connected by an overflow. Maturation takes place in two compartments, with a residence time necessary for the flocculant molecular chains to swell. The final compartment is fitted with a level probe and is used to feed the final pumps.

- > **Very high level : ALARM (safety)**
- > **High level : timed water stoppage + powder stoppage**
- > **Low level : timed water intake + powder intake**
- > **Very low level : metering pump off (safety)**

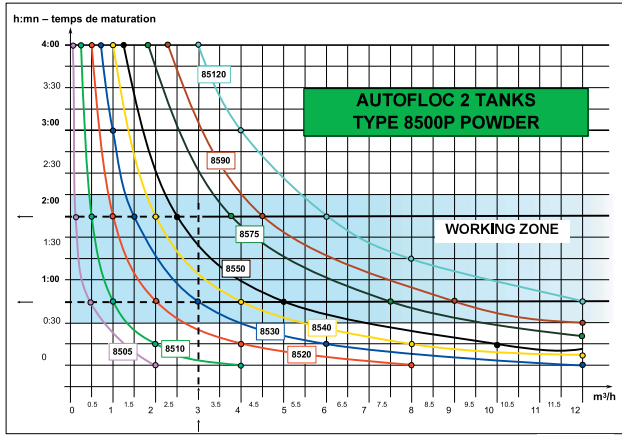
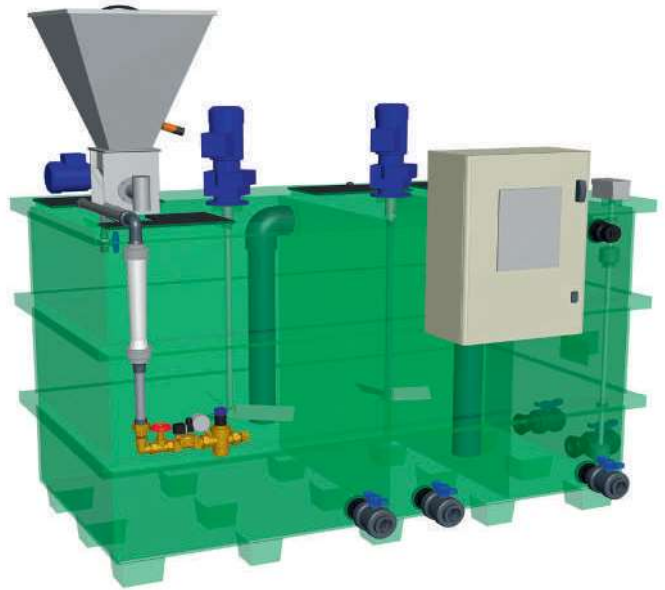
The compartments are agitated at low speed. The control unit houses all the supply systems (agitators, dosing device, solenoid, control, safety device).

OPTIONS

- Specific voltages
- Atex motor
- Variator
- Final pumps
- Electromagnetic flow meters
- Secondary dilution
- Powder and emulsion system
- Autolift powder storage system
- Emulsion storage tank
- Overflow and additional tapplings
- High-specification materials (Uranus 52N, Uranus B6, range of coatings, etc)
- Other options are available according to requirements. Contact us for information.

TECHNICAL DATA

Type	Volume (L)	Dimensions		
		Length	Width	Overall height
8505P	500	1589	1210	1565
8510P	1000	2220	1460	1495
8520P	2000	2220	1460	2005
8530P	3000	2220	1640	2005
8540P	4000	2220	1930	2150
8550P	5000	2630	1930	2150
8575P	7500	3180	2120	2300
8590P	9000	3180	2500	2300
85120P	12000	4300	2500	2300



> Drawing for illustration purposes

