



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

Emulsions : the flocculant is stored in a tank 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)**

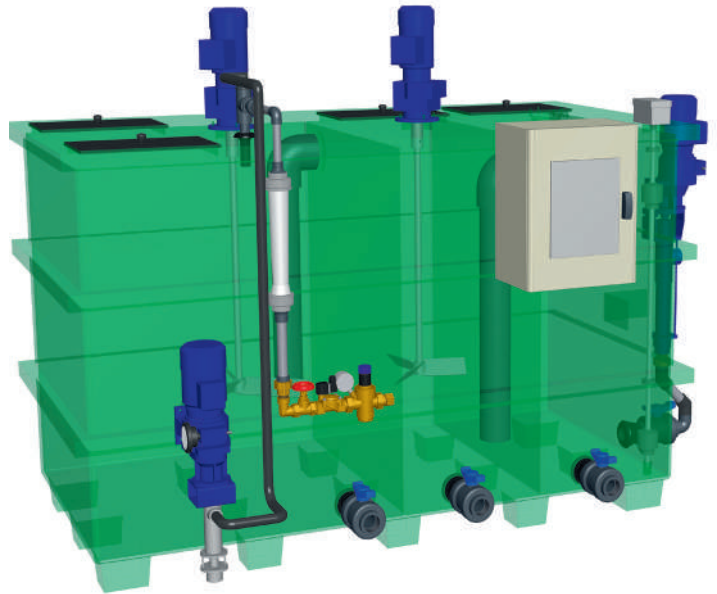
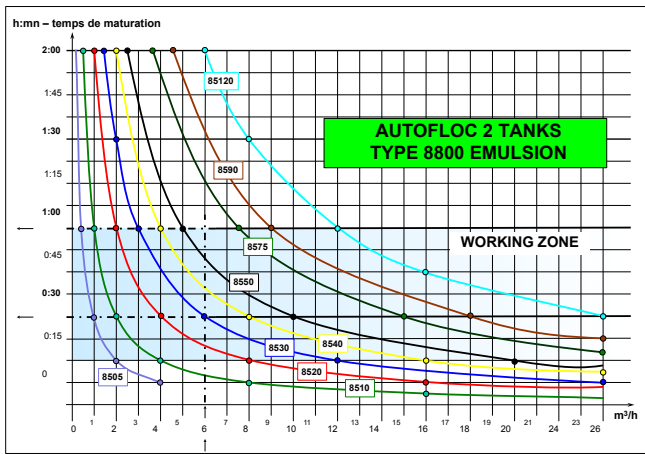
The compartments are agitated at low speed. The control unit houses all the supply systems (agitators, dosing device, solenoid, control, safety device).

OPTIONS

- Specific voltages
- Atex motor
- Variator
- Final pumps
- Electromagnetic flow meters
- Secondary dilution
- Powder and emulsion system
- 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)	Tank dimensions		
		Length	Width	Overall height
8505E	500	1451	1210	1119
8510E	1000	2220	1460	1275
8520E	2000	2220	1460	1785
8530E	3000	2220	1640	1785
8540E	4000	2220	1930	1930
8550E	5000	2630	1930	1980
8575E	7500	3180	2120	2130
8590E	9000	3180	2500	2130
85120E	12000	4300	2500	2176



> Drawing for illustration purposes

