

APPLICATION

Continuous flocculant production is vital even with low flocculant consumption. 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 27 is available in 300- to 1,000-litre versions.

Benefits

- Compact build for minimum footprint
- Easy to operate and maintain
- Quick preparation times in a fully automated system: little operator input and monitoring.

Emulsions : the flocculant stored in a tank is fed into a variable-rate metering pump. A station consists of a main tank with a low-speed agitator. A flow meter indicates the through-flow rate and a minimum flow switch triggers a low-water alarm and cuts out the powder metering device. The dilution ratio is obtained by adjusting the water inlet and the flocculant flow. The flocculant solution is ready for use in the process once the tank has been filled. At low level (10% used), the station prepares a new solution until the volume is at the high fill mark. This dilutes the 10% new solution in the 90% mature solution. The upper and lower fill levels represent 10% of the station's fill volume. The control unit houses all the supply systems (agitators, dosing device, solenoid, control, safety device).

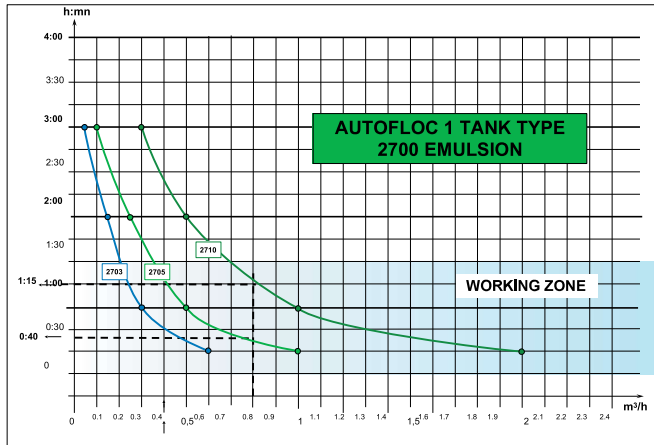
OPTIONS

- Specific voltages
- Atex motor
- Variator
- Final pumps
- Electromagnetic flow meters
- Secondary dilution
- Powder and emulsion system
- Emulsion storage tank
- Overflow and additional tapings
- 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
2703E	300	1395	690	1660
2705E	500	1545	970	1695
2710E	1000	1845	1190	1875



> Drawing for illustration purposes

