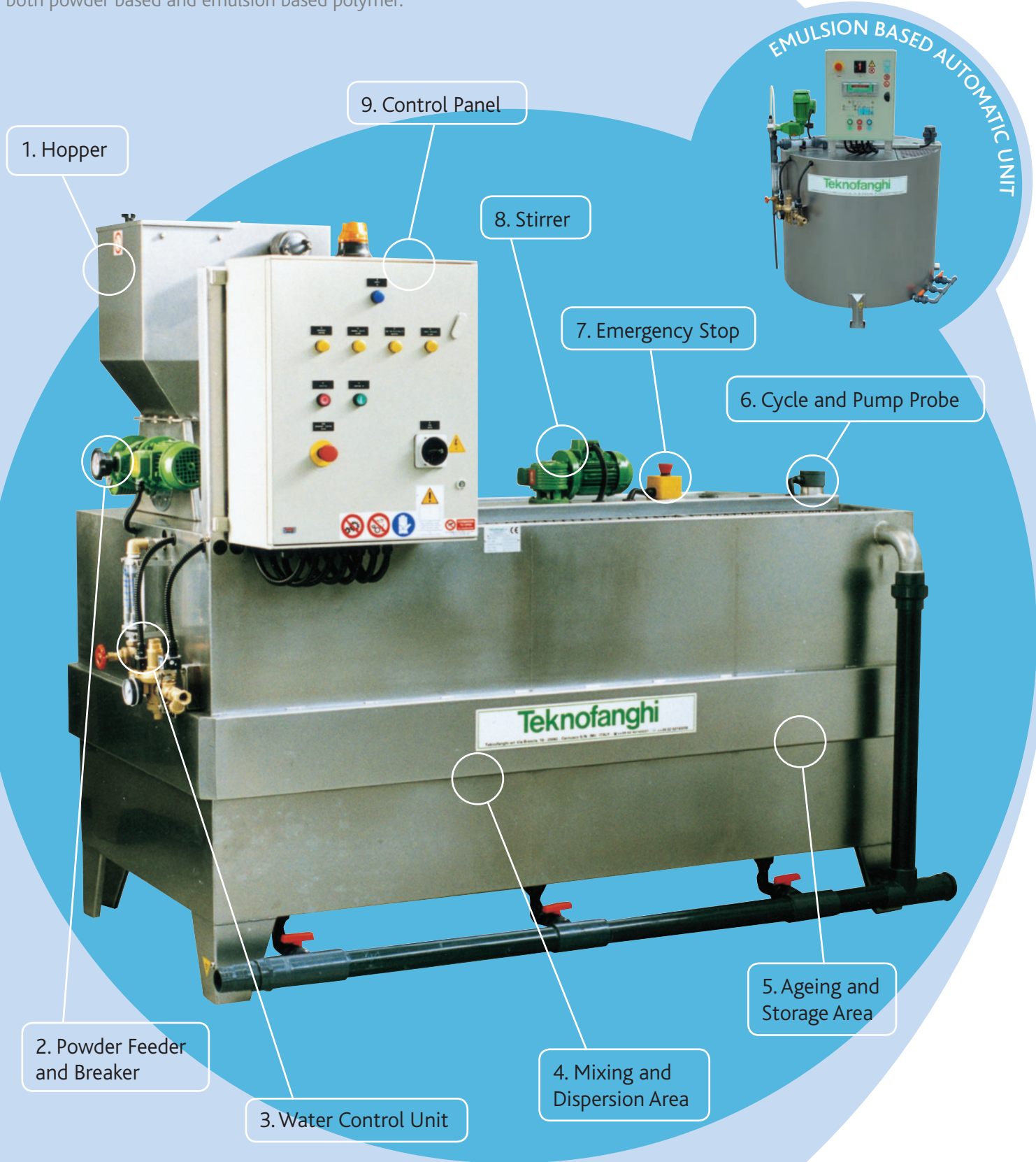


Polydilution

A range of polyelectrolyte preparation and dosing units, manual and fully automatic for both powder based and emulsion based polymer.



Polydilution



How it works

This range of polyelectrolyte preparation and dosing equipment has been designed for use with our range of sludge dewatering equipment. There are manual (semi-automatic) and automatic versions available.

The manual range is suitable for small plants where the requirement for flocculant is not continuous and personnel are available for chemical make-up. The automatic units are suitable for applications where the polyelectrolyte must be fed on a continuous basis with accurate control of dilution and ageing.

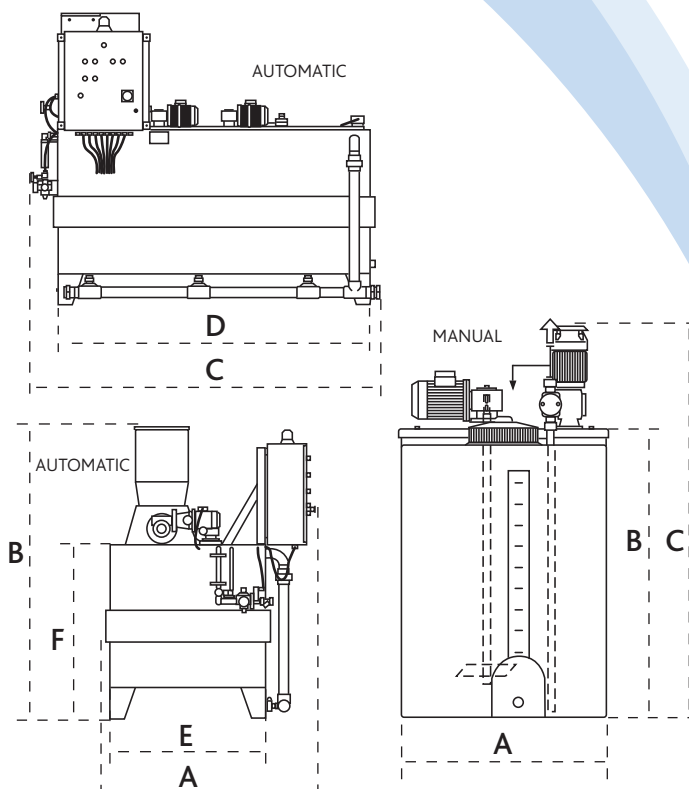
Polyelectrolyte is mixed with a controlled volume of water and enters the dilution tank where it is mixed using a 45° three bladed mechanical stirrer. It then passes to the dispersion tank where it is further mixed before passing into the ageing and storage tank.

Polyelectrolyte solution is withdrawn from this tank by dosing pump (optional). The concentration of the solution can be controlled by adjusting either the water flow rate or the polyelectrolyte input rate.

Features & Benefits

- ✓ Manual and automatic powder fed units, automatic emulsion fed unit.
- ✓ All metallic parts manufactured from AISI304 Stainless steel.
- ✓ Patented design with CE marking.
- ✓ Capacity up to 60 litres per hour.
- ✓ Controlled mixing to limit polyelectrolyte consumption.
- ✓ Commissioning, servicing and maintenance service available. Installation also available.

Dimensions (mm)



| UNIT | MANUAL | | | AUTOMATIC | | | |
|------|-------------|-------------|--------------|-------------|--------------|--------------|---------------|
| | MINI 300 | MIDI 500 | MAXI 1000 | MINI 750 | MIDI 1500 | MAXI 3000 | MAXI+ 6000 |
| (A) | 680 | 780 | 1110 | 1150 | 1350 | 1850 | 2200 |
| (B) | 970 | 1100 | 1240 | 1910 | 1910 | 2210 | 2210 |
| (C) | 1310 | 1440 | 1580 | 1750 | 2230 | 2730 | 3870 |
| (D) | 3/4" | 3/4" | 3/4" | 1400 | 2000 | 2500 | 3500 |
| (E) | - | - | - | 800 | 1000 | 1500 | 2000 |
| (F) | - | - | - | 1125 | 1125 | 1225 | 1225 |

Allerton* reserves the right to alter the specifications and dimensions without notice.

2 YEAR WARRANTY ON
ALL WORKING PARTS

FOR FURTHER INFORMATION
CALL: 01529 305757
EMAIL: sales@allertonuk.com