

Pipe Flocculators

Powerless mixing from *Siltbuster*

Siltbuster's new Pipe Flocculators provide the ideal solution for chemical mixing and conditioning of waste water streams prior to solids/liquid separation. Without the need for power and with no moving parts, these ingenious devices use water turbulence induced by an elaborate pipe network to mix chemical additives with the flow.

Why use a Pipe Flocculator?

- No power requirements, no moving parts – hence minimal maintenance
- Uniform mixing in the pipe cross section promotes uniform flocculation
- No reverse mixing

The design eliminates the need for mixing tanks and motorised mixers, and the mixing process takes place under highly controlled, well defined and optimised conditions. Designed for a particular flow range, each pipe flocculator can be configured with:

- Single or multiple chemical injection points for up to 3 stage treatment (coagulant, pH adjustment and flocculant)
- Single or multiple static mixers
- In-line monitoring probes (pH, suspended solids, conductivity)
- Quick coupling Bauer or Flanged connections.

Why choose a Pipe Flocculator from *Siltbuster*?

- Proven technology, realistic price!
- Our extensive experience of the whole chemical mixing process
- We use them in our own Hire Fleet alongside our *Siltbuster* Lamella Clarifiers, DAF units, temporary and industrial process plants
- Our pipe flocculators come with a robust mild steel support frame in either skid mounted form for mobile or temporary use, or with bolt down feet for static or permanent installations
- We can size, design and build a pipe flocculator to meet your specific requirements and process.

Range of sizes available to order or hire

Unit sizes range from 50mm up to 150mm internal diameter and can be supplied in a variety of lengths. Other diameters are available upon request.



“Come and talk to us about what we can do for you!”