

TT03 Treatment Tank

About

The TT03 is designed to pre-treat water with reagents such as coagulant and flocculent polymer to improve settlement of solids, or for pH correction. The TT03 is a simple way of batch or continuously processing water to prepare it for further treatment. Pre-treatment is essential to getting good water quality outcomes, especially if the water is heavily contaminated with clay or has a high acid or alkaline state. The pre-treated water is often discharged to an EnviroHub HL Lamella tank for final clarifying into clean water, ready for re-using.

How it Works

Working in conjunction with a dosing unit and controller (TU02), it has three compartments: 1. Initial flash mix chamber for coagulants or other homogenous dispersion chemicals. 2. Slow mix flocculation or dwelling chamber. 3. Final discharge and quality checking (if monitoring is used).

Features

- 3.0m³ water holding capacity
- Can be used for polymer, acid, alkaline or CO₂ dosing
- Easy to move around via chain lift or fork pockets
- 2no Agitation stirrers to ensure full water treatment
- Very compact footprint
- Designed to be used in conjunction with TU02 dosing system

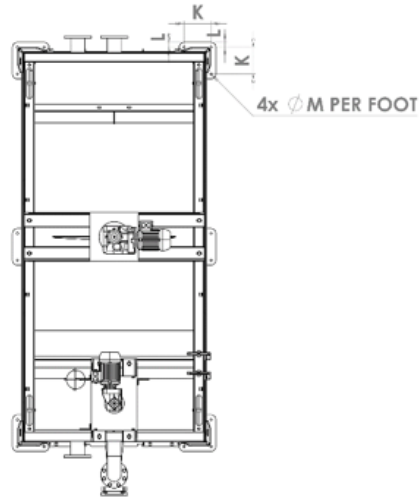
Specification

| Value | TT03 | Unit |
|--------------------|-------------|-------------------|
| Mass (Empty) | 1600 | kg |
| Mass (Full) | 4600 | kg |
| Length | 2 | m |
| Width | 1.6 | m |
| Height | 3.6 | m |
| Total Capacity | 3 | m ³ |
| Max Flow Rate | 6 | m ³ /H |
| Agitator 1 Voltage | 400 3 Phase | V |
| Agitator 1 Power | 1.1 | kW |
| Agitator 2 Voltage | 415 3 Phase | V |
| Agitator 2 Power | 1.1 | kW |

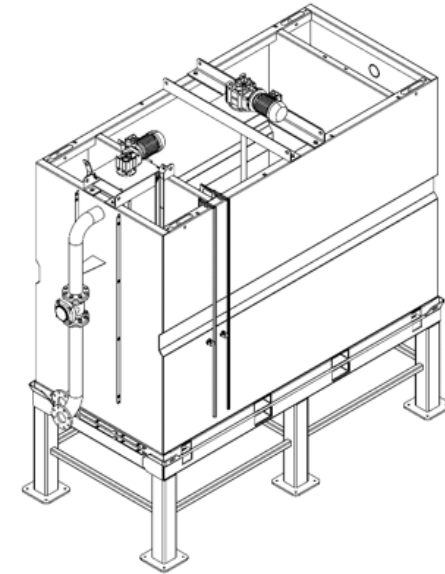


Layout Drawings

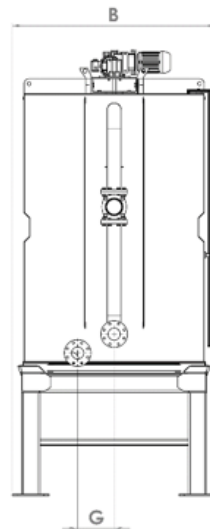
| Dimension | TT03 (mm) |
|-----------|-----------|
| A | 2265 |
| B | 1620 |
| C | 3613 |
| D | 2022 |
| E | 3002 |
| F | 2166 |
| G | 300 |
| H | 2010 |
| I | 184 |
| J | 716 |
| K | 206 |
| L | 22 |
| M | 17 |



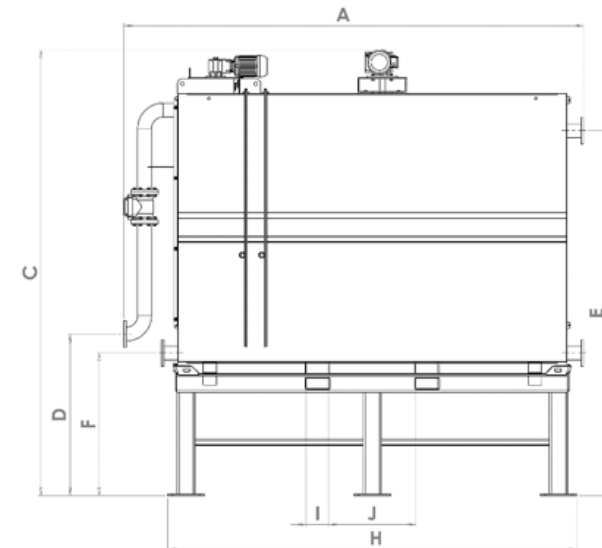
TOP



ISOMETRIC



FRONT



RIGHT