

### Product Overview

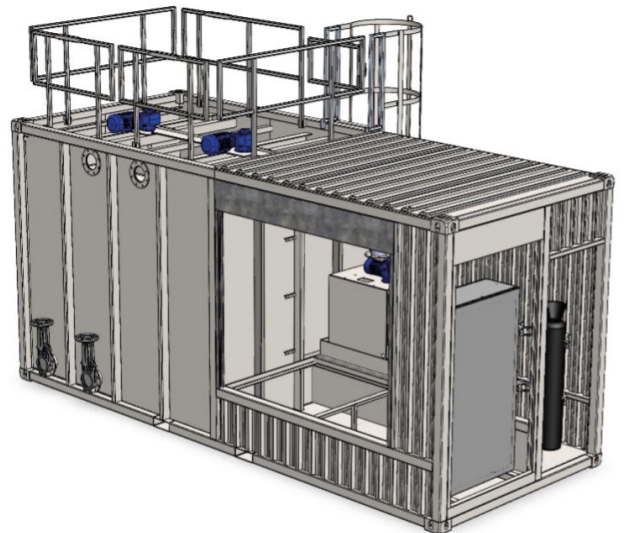
The GAP Dosing Mix Tank is an all-in-one chemical dosing and effluent mixing solution that combines compactness with maximum functionality. It features storage capacity for two chemical IBCs, three CO<sub>2</sub> cylinders, and an integrated polymer preparation system, all housed within a secure, lockable user kiosk.

This innovative and modular system is designed to automatically delivering the exact amount of coagulants, flocculants, and pH adjusters needed for perfect effluent conditioning. With a simple push of a button, operators can control a wide range of dosing regimes, ensuring that the system adapts seamlessly to varying process needs.

The intelligent touch-screen interface provides an easy-to-use platform for monitoring and controlling the system, offering real-time data on process parameters and comprehensive system data recording for unparalleled traceability.

### Key Features

- **Secure**  
Lockable user kiosk and roller shutter doors safeguards against unauthorised access.
- **Storage**  
Designed Bunded IBC storage ensuring containment of potential spills eliminating the risk of environmental contamination.
- **Polymer**  
Flocculant make up system automatically doses the correct volume of polymer to create the optimal chemical solution when levels are low.
- **Automatic**  
Enjoy hassle-free operation, requiring minimal user intervention allowing you to focus on other critical tasks.
- **Carbon Dioxide**  
CO<sub>2</sub> cylinder storage and automatic sparging system for precise pH adjustment.
- **Traceability**  
Integrated process monitoring equipment with full traceability for enhanced tracking and compliance.
- **Impeller**  
Advanced mixing hydraulics with up-pumper impeller ensuring maximum homogenisation.
- **Dosing**  
Accurate peristaltic pumps automatically deliver precise quantity if chemicals.



## Technical Data

### TECHNICAL SPECIFICATIONS

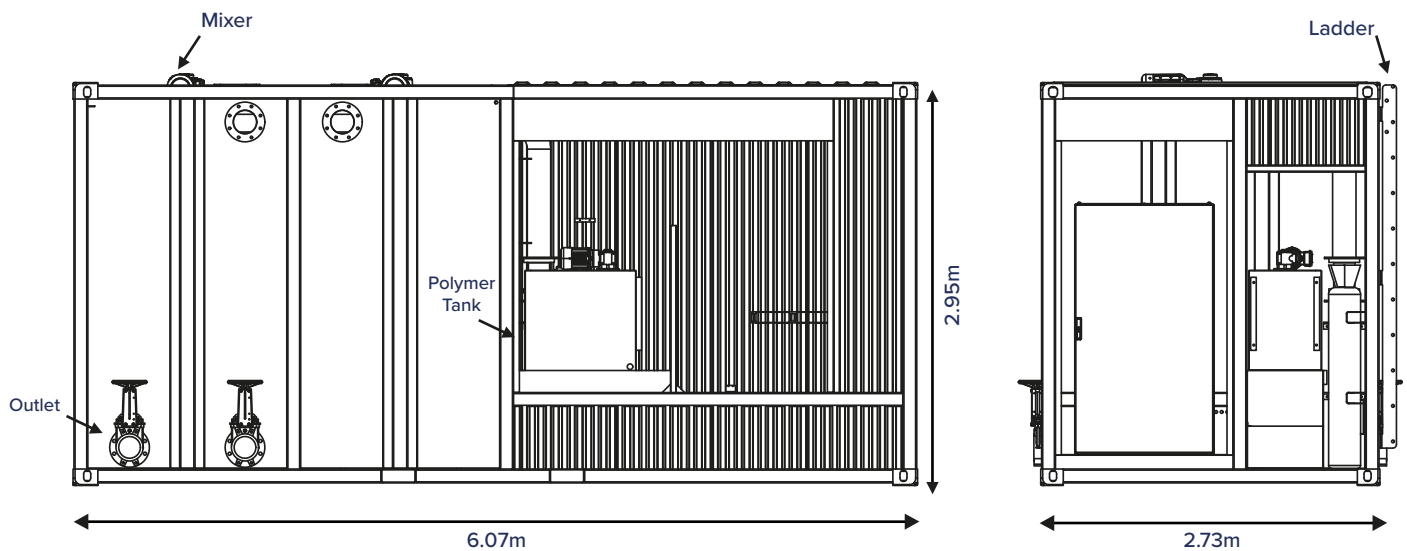
GAP Code	EPSS002
Model	DMT80 Dosing Mix Tank
Dimensions (L x W x H)	6.07 x 2.73 x 2.95 (meters)
Operating Water Level	2670mm
Empty Weight	7500kg
Operating Weight	24000kg

### PROCESS

Maximum Flowrate	33.3l/s (120m <sup>3</sup> /h)
Mix Tank Volume	2 x 7500L

### CONNECTIONS

Inlet Port	6" Female Bauer
Outlet Port	4 x 6" Male Bauer
Panel Supply	415V 63A 5-Pin



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