

# Technical Datasheet

## LC180W Lamella Clarifier



### Product Overview

The GAP Lamella Clarifier is a compact and cost-effective treatment solution that maximises solid/liquid separation within an innovative, modular design. Perfect for temporary treatment, this mobile system excels in superior solids removal and sludge storage.

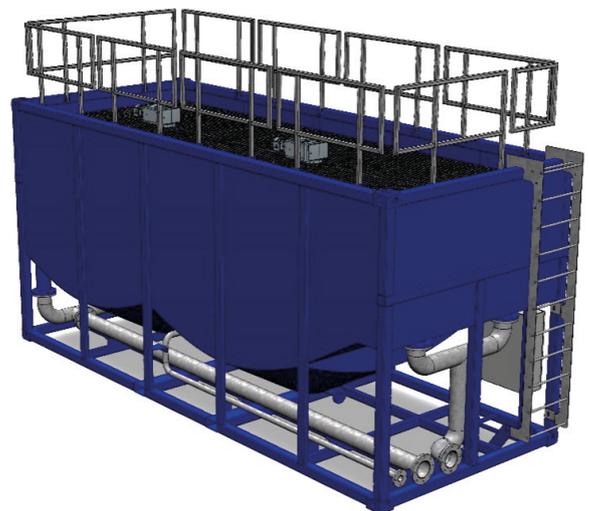
Featuring a double launder configuration for optimal hydraulic uniformity, the closely stacked lamella plates enable rapid settling of fine particles, leading to exceptional treated water clarity.

This comprehensive packaged solution also includes an automatic, hands-free sludge extraction system, minimising user interaction and simplifying operation.

The LC180W offers up to 180 m<sup>3</sup>/hr of treatment for high flowrate applications.

### Key Features

- **Compact**  
Engineered to maximise performance, providing a highly efficient treatment system within minimal footprint.
- **Modular**  
Designed for rapid deployment, with integrated lifting capabilities for ultimate mobility.
- **Hydraulics**  
Featuring double launder configuration, promoting uniform distribution and enhancing separation.
- **Automatic**  
Enjoy hassle-free operation, requiring minimal user intervention allowing you to focus on other critical tasks.
- **Sludge**  
Powerful sludge extraction pump and dual rake drive assembly to manage sludge accumulation.
- **Handrails**  
Top deck sections fold into unit to reduce height for transportation.
- **Access**  
Our top mounted high-level platform offers convenient access for maintenance and monitoring.
- **Control**  
Our intuitive touch-screen interface provides comprehensive functionality and operational customisation.



## Technical Data

### TECHNICAL SPECIFICATIONS

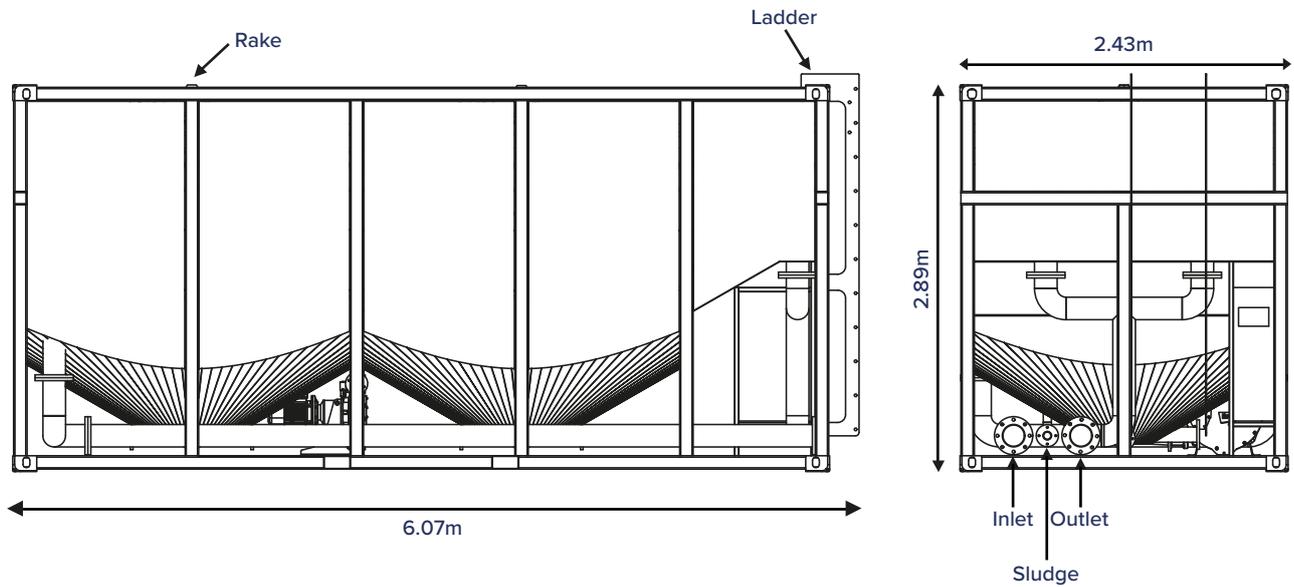
GAP Code	EPSW003
Model	LC180W
Dimensions (L x W x H)	6.07 x 2.43 x 2.89 (meters)
Operating Water Level	2475mm
Empty Weight	10100 kg
Operating Weight	45000kg

### PROCESS

Typical Flowrate	33.3l/s (120m <sup>3</sup> /h)
Maximum Flowrate	50l/s (180m <sup>3</sup> /h)
Settlement Area	160m <sup>2</sup>
Sludge Hopper Volume	9000L

### CONNECTIONS

Inlet Port	6" Female Bauer
Outlet Port	6" Male Bauer
Drain Port	2" Male Bauer
Panel Supply	415V 16A 5-Pin



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