

# TRIDENT T4R

## LAMELLA CLARIFICATION SYSTEM

### TECHNICAL DATA SHEET



**Aquatic**  
ENGINEERING

### Overview

- Infrastructure, Civil & Construction Industry
- Applications for TSS/Turbidity water clarification and the correction / monitoring of pH
- Superior Sludge settling hopper design allowing gravity thickening and removal

**Dimensions LxWxH (mm):** 3,750 x 2,450 x 2,848 (handrail down)

**Empty Weight (kg):** 2,900

**Gross Weight (kg):** 13,200



**Hydraulic Capacity (L/s):** 10

**Inlet Connection (DN):** 80mm c/w 75mm  
Female Camlock

**Outlet Connection (DN):** 2 x 150mm c/w  
150mm Male Bauer

**Voltage (V):** 415 c/w 32A 5pin appliance inlet

**Power (kW):** 5.5

**(KVA):** 6.8

**Current Max (A):** 9.5 / phase

**TrackUnit GPS:** Yes

### Treatment Capability:

Process Water Storage/Staging	No	Hydrocarbon Removal	No
pH Correction	Yes	Total Organic Carbon Removal	No
Total Suspended Solids (TSS)	Yes	Nitrates & Ammonia Removal	No
Integrated Sludge Pump	No	Sludge Dewatering	No
Heavy Metal Removal	Limited	Telemetry Monitoring & Dashboards	Yes

### Metering:

Inlet Flow	Yes	Outlet pH	Yes
Inlet pH	Yes	Outlet TSS	Yes
Inlet TSS	No	Outlet Flow	Yes

### Sustainability:

Carbon Neutral Organisation - Verified	Yes
Carbon Neutral Product - Verified	No
Power Consumption Reporting (kWh)	Yes

### Associated Products:

- Chemical Storage PODS
- MudBug Tanks
- Kraken Filters
- Kraken Sludge
- Pumps

### Associated Consumables:

- Coagulant
- Flocculant
- Acid/Caustic Solution

### Note:

- Specification is subject to change without prior notice. Please check with your local Aquatic Engineering Australia representative for the latest specifications
- Flow/Treatment suitability is subject to inlet effluent water quality and required discharge parameters and is stated as a guide only