



Sludge Thickening/Dewatering Unit [STU/DWC]

Services to the Wastewater Industry

The Sludge Thickening / Dewatering Unit [STU/AVC] works on the principal of controlling the dewatering process by adjusting the level of filtrate leaving the unit. This offers the operator the options of either creating a thickened sludge, reducing the volume needed to be removed by tanker, or creating a cake which is then disposed of by tipping from the container itself utilising a roll-on-off hook lift vehicle.

The STU/DWC works in conjunction with a polymer dosing & pumping unit which can deliver product throughputs of up to 40m³/hr.



Features:

- **Unique multistage filtration for versatility**
- **28m³ capacity**
- **4" floor level sludge extraction point**
- **Hydraulically locking sealed rear door**
- **Integrated folding access ladder and top rails**
- **Works in conjunction with any polymer dosing and pumping unit**
- **Mounted onto a roll-on-off chassis**
- **Minimal running and maintenance costs**



Caring for the environment, by design...



Left: Rear view of the STU showing the hydraulic actuating rear door and sludge extraction point.

Right: Internal view of the sludge extraction point, showing the minimal loss due to the close tolerance to the container floor.



Technical Specifications



Above: STU set up with clients twin storage tanks and polymer dosing pump.

	Transport	Sited
Length: mm	6552	6552
Width: mm	2450	2450
Height: mm	2670	3775
Weight: KG	3500 (APPROX)	
Capacity: M ³	28	
Connections:	10 x 3" decant valve 1 x 3" inlet valve 1 x 4" extraction valve	

Dexter Watson Limited, Broad Oak Farm, Sutton on the Forest, York, YO61 1ER

Web: www.dexterwatson.com Tel: 01904 735 346 Email: info@dexterwatson.com

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