

Owatec geotube filtration solution separates water from the sludge before transportation to the final disposal site. Effective sludge management reduces the number of transports saving the company expensive and environmentally burdensome processes.



The volume of the geotube filter is 20 m<sup>3</sup> and the capacity, depending on the quality of the sludge, is 10 – 40 m<sup>3</sup>/h. The achievable dry matter content can reach up to 90%. The geotube filter built inside the container is easy to use, and its change is always controlled.

The modular solution enables geotube filtering usage in changing locations.

Examples by industries:

- ✓ Dewatering **municipal wastewater sludge**
- ✓ Concentrating **oil sludge**
- ✓ Filtering **coagulated impurities**
- ✓ Filtering and drying **clay, sand and other fine material**
- ✓ Dewatering **peat sludge**

## BASIC INFORMATION



### SIZE / TYPE OF CONTAINER

#### Container

Length: 20 feet | 6 516 mm

Width: 2 594 mm

Height: 2 005 mm



### OPERATION MASS

20 000 kg



### FLOW CAPACITY

10 - 40 m<sup>3</sup>/h

✓ **Product group** Sludge dewatering

✓ **Product type** Geotube filtering

✓ **Series** 3112-

✓ **Transportation weight** 4 500 kg

✓ **Manufactured by** Owatec Group Oy

✓ **Made in** Finland

## TECHNICAL INFORMATION

---

- ✓ **Volume** approx 20,7 m<sup>3</sup>
- ✓ **Inlet (sludge)** 7", double port with compression joint
- ✓ **Outlet pump (water)** ball valve A316, R2 1/2" (female)
- ✓ **Flow capacity** 10-40 m<sup>3</sup>/h

### ✓ **Other features**

---

Covered water outlet pump  
Manual lid-lifting hydraulics  
Waterproofed solution  
Sidewall filtering mesh  
Perforated intermediate level

## OTHER INFORMATION

---

- ✓ **pH of the treated water** 1-9
- ✓ **Temp of the treated water** 5-30 °C

- ✓ **Ambient temp** -20 -30 °C
- ✓ **Also available** Electric lid control
- ✓ **Also available** Heating system 3,9 kW, 400 V / 50 Hz 3-phase

#JUSTPLUGANDPLAY

**owatec** Group

OULU, FINLAND  
INFO@OWATEC.FI +358 40 132 0135