



Centrifuges

Centrifuge Rental

Mantank's range of mobile dewatering units contain the all necessary equipment to process a wide range of sludges from municipal to industrial, a number of our units also use "polymiser" centrifuges which are specifically designed to reduce polymer consumption by adding the chemical in a specially designed dosing area within the centrifuge itself, therefore reducing the real cost of choosing Mantank over others.

Our mobile dewatering units are complete trailer or container mounted production systems that can be delivered to a customer's site at short notice (often the next working day) and can be fully operational within hours.

Where reliability is critical, Mantank can offer a duty standby or duty assist system, here two centrifuges are mounted on a single trailer; this option also gives the benefit of reduced energy and polymer costs and a reduction of equipment foot print.

Why Rent ?

- No capital expenditure
- Long or short term hire
- To meet peak demands
- No increased tanker costs during maintenance

Why Rent from Mantank ?

- Modern and well maintained fleet
- Expert technical support staff
- 24 x 7 support Tel 0161 799 3337
- On line technical support
- Innovative solutions
- Privately owned company with personal service
- Equipment designed and manufactured in house



Contact Details

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Services

- Haulage & Disposal of Waste
- Dewatering & Waste Reduction
- Land Remediation
- Drain, Sewer, Interceptor & Lagoon cleaning

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email: info@mantank.co.uk

- Industrial Cleaning
- Vacuumation Technology
- Emergency Response
- Restoration Services

www.mantank.co.uk



Centrifuge Rental

Typical applications for centrifuge rental are:-

- Municipal waste water sites
- Portable water sites
- Oil refineries
- Contract dewatering and thickening
- Portable water sites
- Food processing plants
- Construction sites
- Lagoon emptying and cleaning

Contract De-Watering and Lagoon Cleaning

A typical application for the mobile centrifuge plant is the cleaning/emptying of on site storage lagoons, using a combination of pumps, tanks and mixers. Mantank can also undertake the full extraction of heavier solids within the lagoons using long reach excavators, dumpers and even soft tracked equipment operating within the lagoon if it is of a rubber lined type. Mantank will also undertake the reclamation of the lagoon banks, landscaping and safety fencing around the area if requested.

Our experienced engineers will attend site initially to undertake a full audit of the customer's requirements, taking sludge samples for polymer assessment, estimating the exact quantity of sludge to be extracted and agreeing the working area and time scale for the project. A full **risk assessment** and **method statement** will be provided prior to the project being undertaken.

Our turn key packages can be priced on per m³ processed or per dry tonne of solids produced and can include the following supply on a fixed price basis:-

- Equipment rental
- Labour
- Project management
- Chemical
- Cake disposal
- Documentation
- Fuel

The most common uses for mobile equipment are to provide additional resources to meet season demand, for lagoon emptying, cover during maintenance or as part of a disaster recovery program following a major breakdown.

For simplicity of installation the complete system is housed in a purpose built articulated trailer or shipping containers depending on capacity, with all equipment readily installed for a complete dewatering plant.

The fully enclosed system creates an operator friendly environment with minimal risk of contact with sludge, cake and vapours. Mantank are able to supply fully trained staff to who are responsible for the safe and optimum operation of the plant.

Because the plant is fully automated, it is possible for the customers own staff to be trained to operate the system. Full theory and practical courses can be conducted at the customer's site with on going telephone support from Mantank.

Sludge Thickening

Surplus sludges can be thickened to around 6%ds without the use of flocculants and still achieve high solids recovery.

Lime Stabilisation

Our equipment can either be supplied as a complete compact self contained unit with silo and conveyors or can be supplied as individual components to suit site restraints.

Our units are often supplied in conjunction with our range of mobile dewatering units and power packages offering a complete stand alone system with our skilled operators who would be responsible for the management of cake disposal, lime and fuel deliveries as well as the document control of **HACCP** records.

