



SPECIALISTS IN ADVANCED SLUDGE TREATMENT & DEWATERING

DEWATERING



LIME STABILISATION



THERMAL TREATMENT

ADVANCED



SLUDGE TREATMENT

NEW INSTALLATIONS



RENTAL

Head office: **Euroby Ltd (South & Europe)**  
Columbia House, Columbia Drive, Worthing, West Sussex BN13 3HD  
T - 01903 694400 F - 01903 694477 E - sales@euroby.com

**Euroby Ltd (North)**  
Studio 11, Riverside Studios, Mill Lane, Dronfield, Derbyshire, S18 2XL  
T - 01246 413018 F - 01246 417847 E - sales@euroby.com

## SLUDGE PROCESSING SYSTEMS

Euroby Limited specialises in sludge dewatering, sludge drying and the lime stabilisation of sludge for municipal, industrial and commercial applications.

The company's activities cover three main areas: mobile dewatering plant with optional lime dosing systems, the manufacture of storage and mixing systems for lime stabilisation, the supply of decanter centrifuges, enhanced dewatering systems and sludge drying equipment.

Equipment is available for sale or for hire.

Euroby's capabilities extend to system installation, operation and maintenance and client training. The company's client list includes most UK water utilities, as well as industrial companies.

### • Mobile dewatering units

Through an exclusive arrangement with Huning Umwelttechnik GmbH, Euroby has access to a fleet of more than 40 mobile or semi-mobile dewatering units with throughputs of 15–120m<sup>3</sup>/h. To cater for the wide range of sludge types encountered, the dewaterers can incorporate liquid or powder polymer systems, macerators, lime and sludge cake mixers and sludge pasteurisation processes. They are usually supplied as self-contained units in a bespoke trailer with pipework connections and adjustable cake discharge conveyors. Plant is often supplied on a rental basis, either for short term requirements, or as a cost-effective solution to the problems of seasonal use during long term projects. Specially designed equipment is also available for the removal and processing of sludge from lagoons, basins and ponds.

### • Lime stabilisation systems

Lime stabilisation systems are manufactured in house by Euroby. The equipment is supplied either as compact, self-contained units with integrated silo and mixer, or as individual components, depending on site constraints. Each system utilises weighing facilities to accurately measure the amount of burnt lime to be mixed with the incoming sludge cake. Lime dosing is controlled automatically, enabling the correct dosing levels to be maintained despite fluctuating levels of sludge cake. The systems are sufficiently adaptable to allow them to be retrofitted into areas with limited space, or where planning restrictions prevent the installation of full height silos.



Thickening, dewatering and enhanced dewatering machines



Typical mobile centrifuge trailer



Multiple centrifuge installation



Packaged centrifuge plant



Centrifuges with acoustic covers



Compact lime stabilisation plant



Centridry® Enhanced Dewatering System

### • Centrifuges and sludge dryers

Euroby is the UK Agent for Baker Process and supplies the full range of Centridry® Enhanced Dewatering Systems and Centripres® Decanter Centrifuges. A number of these centrifuges are currently installed in the UK, including older models known as KHD or Bird Humboldt machines.

Mobile dewatering units have throughputs of 15–120m<sup>3</sup>/h. Centridry® Enhanced Dewatering Systems have evaporation rates of 200–2000kg/h.

Larger drum drying systems, without back-mixing, are available with evaporation rates of 2000–10,000kg/h.

### TECHNICAL SUPPORT

Services include installation of new and refurbished equipment, maintenance and after-sales support. The company has the ability to source and supply equipment within a short timescale for large and difficult projects, often mobilising plant within a few days.

### OPERATIONAL SERVICES

Equipment can be manned for up to 24 hours per day by Euroby's highly skilled staff who benefit from experience gained working on numerous projects in the UK and elsewhere in Europe.

### RECENT PROJECTS

Recent projects include the supply and installation of lime dosing plants and centrifuges on a sales basis and rented lime mixing and dewatering units to a number of water companies.

This is a brief introduction into the products and services Euroby supplies to the water industry, for more detailed information contact Euroby on the address shown overleaf

