

**EKOFINN**



**MONOBELT®**

**SCRUDRAIN**

**DRAIMAD®-TEKNOBAG®**

**SLUDGE DEWATERING &  
WATER TREATMENT**

## DRAIMAD®-TEKNOBAG®

The DRAIMAD®-TEKNOBAG® bags dewatering system was developed for small municipal and industrial effluent water treatment systems having less than 3000 PE (people equivalent). Small municipal waste water treatment plants can otherwise only dispose of waste sludge at a high cost.

The very economical system can dewater up to 160 kg dry mass (municipal sludge) and has proven itself for more than 25 years worldwide. The full bags can be stored for further drying and cost reduction. Different machines are available using 2, 3, 6 and 12 filter bags.



## SCRUFILTER®

The compact SCRUFILTER® drum filters are used to remove solids from water in order to improve the effluent quality or for recycling purposes.

Depending on the application, different filter cloths made of polyester or stainless steel can be utilized with pore sizes of 20, 30, 40, 60, 80, 100 or 200 micron. Capacities up to 100 m<sup>3</sup>/h are possible.



# MONOBELT®

The MONOBELT® belt presses are ideal for continuous dewatering of medium and large quantities of sludge. They are very successfully in use all around the world to dewater municipal sludge and also sludge from many industrial applications. Depending on the input sludge these machines have capacities ranging from 1 to 50 m<sup>3</sup>/h.

By using a unique combination of prethickener (see SCRUDRAIN) and belt press this dewatering unit convinces with good results. A special seamless belt is used for continuous dewatering under pressure. The compact and simple design makes it ideal for operating it worldwide. All machines of this series are designed to fit for shipment in standard sea containers. As a standard these machines are shipped complete with mounted control panel, washing pump and integrated filtrate tank so that they form a complete unit and can easily be installed and commissioned.



# SCRUDRAIN

The SCRUDRAIN® sludge thickener mainly consists of a drum thickener with an internal Archimedes screw in a very compact design. Depending on the input sludge these machines can thicken municipal sludge from 0.5% up to 5-8% dry solids. The range covers capacities from 5 to 200 m<sup>3</sup>/h. As prethickener this unit is a standard integral part of the MONOBELT® belt presses.



# POLYDILUTION

Different POLYDILUTION units are available to prepare polyelectrolyte from powder or liquid products. Capacities range from 100 to 6000 l/h. These are also available as dual-unit which can prepare polyelectrolyte both from powder or liquid polymer.