

# WATER MANAGEMENT



## FEATURES

- Terex Washing Systems offer a tailored solution for water treatment and management providing a complete range of filter presses, flocculent dosing systems and thickening tanks.

**WORKS FOR YOU.™**

# Water Treatment and Management

Offering a complete tailored solution for water treatment and management, Terex Washing Systems provides a complete range of filter presses, flocculent dosing systems and thickening tanks. The floc dosing systems are fully automated to control and adjust the flocculent according to the amount of suspended solids contained in the water.

This automation is essential for the efficient control of the system when the specification of the sludge changes during the day in terms of rates of solid particulates.

The filter press takes this treated sludge and dehydrates it, recovering up to 90% of the water, into dry panels of pressed sludge which can be easily handled, moved and disposed of. The filter presses use high pressure technology to maintain optimal performance and only the highest quality components are used. Again, the system is fully automated through a dedicated Programmable Logic Control System (PLC).



Filterpress

# Matec®

Terex Washing Systems work with Matec® to provide water treatment solutions for your plant.

Matec® is a worldwide leader company in a water treatment and filterpresses and specialises in the design, production and development of waste water purification and filtration plants for many different industries, the most important of which are: aggregates, gravel, sand, stone ceramics, glass. In the last 10 years, Terex Washing Systems and Matec® have successfully installed more than 1000 Washing and Purification plants.



Filterpress and deep cone thickener tank

# Filterpresses

## FEATURES AND BENEFITS

- 100% Fully Automatic
- HPT high pressure technology to filter sludge at 20 Bar. Produces extremely dry cake.
- Stainless steel AISI 304 used on thickener silo, tank and associated components
- Utilising only highest quality components
- Up to 95% recovery of water



Filterpress with compressed cake

# Thickeners and Clarifiers

The high performance thickener was developed to fulfil the role of a thickener/reactor as well as a clarifier.

TWS and Matec® are the only thickener suppliers providing paste, without rakes, pumps, extraction and motors.

TWS and Matec® offer the best available expertise on high performance thickeners and clarifiers.

## FEATURES AND BENEFITS

- Produces thick mud at 50% solids
- Reduced cost for concrete basement
- Extra stock for mud
- Highest performance per unit area for depuration
- Extremely low operating cost
- Non-moving parts
- No extraction pump (no spares)
- Low maintenance costs
- Combined thickening and clarification



Compressed cakes ready for reuse or disposal

## TEREX WASHING SYSTEMS CONTACT DETAILS

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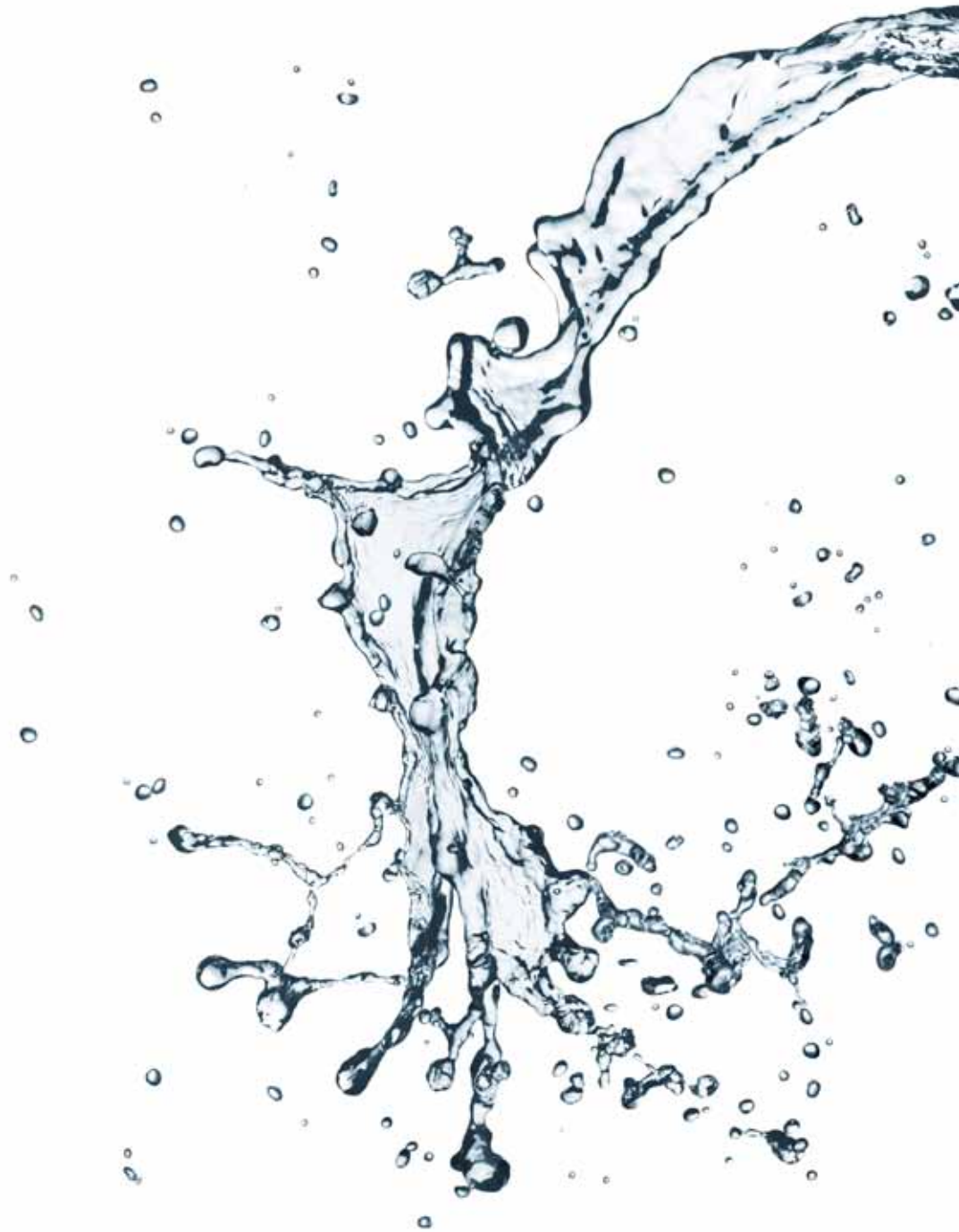
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