



## **FLOTTWEG DECANTERS**

for Processing Waterworks Sludge



## FLOTTWEG TECHNOLOGY

Best Dewatering and Minimized Operating Costs

#### **BACKGROUND INFORMATION ON** WATERWORKS SLUDGE

For many people in the world, water is a given. According to a report by the United Nations (Water for a Sustainable World, 2015), water consumption has been increasing dramatically. World population is estimated to amount to 9.1 billion people by 2050. Whether water will still be a given is doubtful (water consumption for agriculture and industry etc. has not been considered). That means that processing and cleaning waste water plays an extremely important role.

Sediment sludge (waterworks sludge) is generated in the process of cleaning and processing potable water and has to be transported for further disposal. Transport and disposal of sludge result in considerable costs. How can these costs be as minimal as possible for the operator?

And what has to be done before potable water comes out of the water tap in our homes? Flottweg Decanter Technology provides the answer: Every Flottweg Decanter is equipped with the Simp Drive<sup>®</sup>. This drive assures maximal compression of the sludge, automatically and without intervention by the operating personnel. As a consequence, the quantity

# Your advantages if you choose Flottweg Technology

- · Highest degree of sludge dewatering
- Automatic and continuous operation
- · Reliability and robustness of the centrifuge
- Long-life cycle of the centrifuge
- Continuous operation
- Low operating costs due to - short transportation routes
- reduced sludge volume

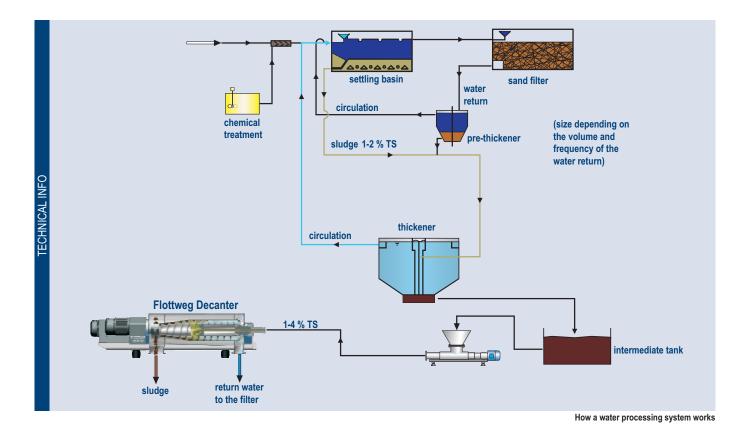
of sludge to be transported and associated costs are reduced considerably. Investing in modern Flottweg Dewatering Technology helps save money every month and the investment pays off after a short period of time.



## FLOTTWEG SEPARATION TECHNOLOGY



**Engineered For Your Success** 



FLOTTWEG WEAR PROTECTION

Flottweg Decanter Centrifuges for water processing applications are especially protected against wear. Flottweg Wear Protection enables a long service life-cycle for the decanter centrifuge. In order to minimize maintenance costs, all wear protection elements can be replaced on site.

### Your advantages

- No transportation for maintenance thanks to a maintenance friendly construction
- Higher life-cycle of the decanter centrifuge
- Reduced costs since only wear elements are exchanged



#### Flottweg Simp Drive<sup>®</sup> Advantages and customer benefits in a nutshell

- High cost effectiveness due to a continuous dry substance content (the higher this content, the drier the separated solids)
- High throughput thanks to high bowl rotation and precisely adjusted differential speed
- Easy display and regulation of the scroll torque including overload protection
- Learn more about the Simp Drive® on www.flottweg.com

# Flottweg Separation Technology – Engineered For Your Success



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