

## The new C-XI decanter series from Flottweg

During the development of the C-XI decanter series, Flottweg bundled its decades of experience in the dewatering of sludge and can now offer sewage treatment plants the option of saving even more.

The less sewage sludge there is, the lower the costs of disposal and further treatment. Thus by far the greatest savings potential lies in the dewatering or thickening of sludge. The increased-performance C-XI decanter series from Flottweg is designed to realize that potential. Improved thickening and dewatering performance allows the operators of sewage treatment plants achieve a higher dry substance in the processed sludge. That saves cold, hard cash when it comes to disposal and further processing.

## The highlights of the new C-XI decanter series from Flottweg

### *Maximum solid conveyed*

The optimized scroll pitch and improved geometry of the scroll body lead to a greater concentration of solids. The flow-optimized scroll body improves the guidance of the centrate away, leading to greater purity of the liquid phase. Back-contamination in the sewage treatment process is reduced.

### *Maximum G forces*

For better dewatering performance, the maximum G force is increased by up to 15% in comparison with the conventional C series! Maximum power for the separation process.

### *Maximum force – the drive*

High speeds and the associated forces require ongoing performance in the gearbox. The reliable Flottweg Simp Drive® drive is ready for anything, reacting automatically to different load conditions. Maximum force with the Flottweg C-XI series.

Get advice from the Flottweg experts. We'll be happy to provide you with all the details you need. Save money – take advantage of all the benefits of the C-XI decanter series.

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## Flottweg Separation Technology – Engineered For Your Success

For over 60 years, Flottweg has manufactured decanters, separators, belt presses, and systems for the mechanical separation of solids and liquids. This technology handles key industrial functions in the treatment of liquids, separation of liquid mixtures, and in the concentration and dewatering of solids. Flottweg is one of the world's leading solution providers in the area of mechanical separation technology

Currently, over 600 employees around the world see a turnover of 145 million Euros a year, with the export share making up over 85% of that amount. Flottweg is continually at work developing its centrifuges and belt presses further and bringing new models and variants to the market. Today, the Flottweg product line includes decanters, Tricanter<sup>®</sup>, Sedicanters<sup>®</sup>, Sorticanter<sup>®</sup>, and plate separators as well as belt presses. Flottweg machines are available as individual components or complete systems.

These decanters, separators, and belt presses, manufactured exclusively in Germany, are outstanding for their high efficiency, performance, and long service life.



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