



FLOTTWEG DECANTER Z8E
The New High Performance Centrifuge



THE NEW FLOTTWEG CENTRIFUGE Z8E

With the new DECANter Z8E, FLOTTWEG enlarges the capacity range of its existing centrifuge line. In doing so, Flottweg is setting new benchmarks:

The Z8E should currently be the largest decanter worldwide with an adjustable impeller. With the adjustable impeller, the fluctuations in the feed can be evened out automatically while the machine is running. At the same time, the fluid level in the decanter can be readjusted. The operator consequently benefits from optimal separation results.

The specific requirements of a variety of industries were taken into consideration for the basic design. The modular design enables the perfect adaptation to each separation task.

Proven design features such as the FLOTTWEG SIMP-DRIVE® and the oil-air lubrication system are integrated into the new FLOTTWEG DECANter Z8E. Depending on the application, the machine is available with a steep or flat cone angle, with a hygienic design, as gas-tight, and for use in explosion-hazardous areas.



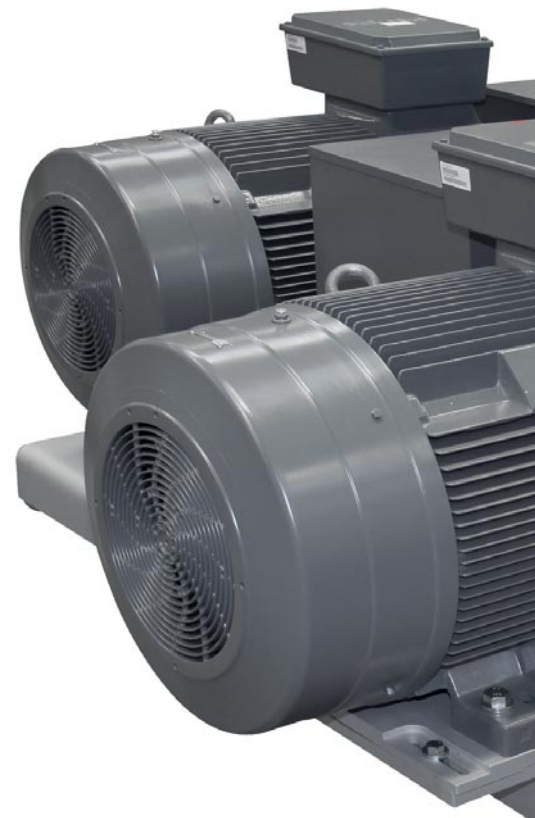
Another first for this size category is, that the machine is also available as a TRICANter®. The TRICANter® simultaneously separates three phases (solid-liquid-liquid).

In order to meet the demands of this performance class, Flottweg has also upgraded the size and efficiency of the SIMP-DRIVE® system. The Simp-Drive® automatically controls the differential speed in relation to the scroll torque. The centrifuge automatically adjusts itself to fluctuating load conditions and ensures high cake dryness.

The FLOTTWEG decanter control system performs all monitoring and regulation functions. The system can easily be integrated into existing installations and thus provides the best separation results.

Applications

- Mining industry, solvent extraction crud
- Chemistry, biotechnology
- Food and beverage industry
- Vegetable oils, animal fat, regenerative fuels
- Waste water and oil sludge



DESIGN FEATURES

FLOTTWEG DECANTER Z8E	
Housing	Vapor tight or gastight depending on the customer's requirements Protected installation of supply lines and cables Hinged 3-part belt guard for easy service access without a lifting device
Materials of construction	All product wetted parts are made of rustproof and acid-resistant austenitic stainless steel or Duplex
Centrate discharge	By gravity or impeller disc which is continuously adjustable while the machine remains in operation Remotely-controlled impeller disc
Motor arrangement	Front-side mounted for small footprint
Lubrication of the bearings	FLOTTWEG oil-air lubrication
Options	Hygienic design For installation in explosion hazardous areas (EX Zones 1 and 2 according to ATEX regulations)

Subject to changes



QUALITY „MADE IN GERMANY“



FLOTTWEG is ISO 9001 certified and manufactures its products in compliance with all current technical standards.



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