

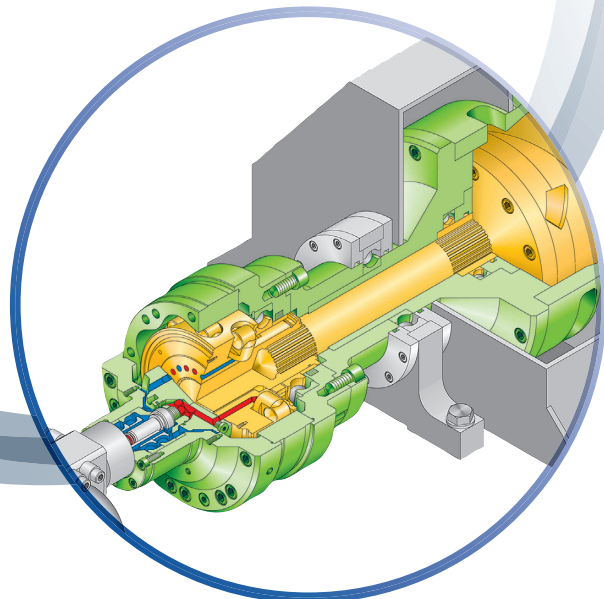
HYDRAULIC CENTRIFUGE DRIVE SYSTEMS

SEPT. 27– OCT. 1, 2025 | EXHIBITION & CONFERENCE

Your First Choice for Optimal Separation Results

Viscotherm is a leading manufacturer of drive systems for decanter centrifuges. Our hydraulic drive systems with “ROTODIFF” are developed and produced with exceptional precision, combining innovative engineering with decades of expertise.

Viscotherm hydraulic drives deliver significant advantages, enhancing the performance, efficiency, and reliability of your decanter centrifuge systems.



Innovative Design for Superior Performance

- Compact, lightweight design in highest Quality – No gears!
- Exceptional reliability and extended service life with minimal operating and maintenance costs

Best weight-to-torque ratio

- The hydraulic drive ROTODIFF® weighs only about 60 % of a gear box with equivalent torque capacity.
- Reduced overhang load minimizes stress on main bearings and other critical components.

Increased torque capacity allows optimal processing results

- Achieve drier cake solids (higher DS) and higher throughput.
- Emergency clean-out of clogged conveyor is possible without disassembling the decanter.

Built-In Overload Protection

- An integrated pressure relief valve protects the drive against shock loads – no mechanical damage.
- Continuous cooling and 100% filtered oil system prevent overheating and maintain peak performance.

Fast Return on Investment

- Reduced power installation requirements and higher efficiency lower energy consumption.
- Precise process control ensures optimal separation results and operational cost savings.

Powerful. Precise. Proven. Optimized Separation Results for Every Industry.

- **Municipal Wastewater Treatment** / Ensuring efficient and reliable sludge separation
- **Mining Industry** / Delivering robust performance in demanding environments
- **Industrial Clean-Ups** / Remediation tasks — including use in hazardous ATEX / EX-proof zones
- **Chemical Industry** / Complex processes with high precision and reliability
- **Ethanol Production** / Higher dry substance (DS) content and increased durability
- **Food Industry** / Ensuring hygienic and efficient processing
- **Laboratory Centrifuges** / Trials for reliable scale-up to full production plants

Maximize your DECANter CENTRIFUGE performance with a VISCOTHERM HYDRAULIC ROTODIFF® DRIVE system!

- Viscotherm hydraulic centrifuge drive systems with ROTODIFF
- “Up-grading” / Retrofitting of decanter centrifuges with VISCOTHERM drives
- Easy integration into your process control systems