

Get More with Less

Enhance centrifuge performance when you retrofit and upgrade

Upgrade for Extended, Optimal Performance

Get the most out of your centrifuge with a retrofit from Centrisys. Save on maintenance and energy costs while increasing uptime, performance, life expectancy and efficiency when you **replace your old gearbox drive with a Viscotherm Hydraulic Scroll Drive**.

Do you have a new centrifuge where performance is limited by torque or an older machine that needs to keep running but is not delivering the performance needed? Upgrading your centrifuge with a state-of-the-art Viscotherm Hydraulic Scroll Drive will save on long-term expenses and improve the performance of your process. Centrisys has experience with these gearbox drives:

- Planetary - from 2 to multiple stages
- Cyclo-Gear
- Simp-Drive®

Backdrive Controllers:

- Eddy Current
- DC Motors
- AC Motors

One of the largest food processors in the U.S. reached its ROI in just two years when upgrading 50 centrifuges with a Viscotherm Hydraulic Scroll Drive. Call us to determine if a retrofit or an upgrade is an option for your centrifuge.

Control Panel Upgrades

Centrisys offers upgrades, retrofits and replacements for all control panels. We upgrade control panels to SCADA Systems and VFD controlled main motors, allowing for easier system monitoring, power savings and efficient operational speeds.



Also available for use in Class1/Div1 or Class1/Div2 hazardous environments. Replacing outdated control systems with the latest PLC technology will extend the life of your centrifuge and improve the dewatering process.

Benefits of Going Retro with Centrisys

With our years of experience in servicing and repairing all makes and models of centrifuge equipment, we will help you maximize your investment in these complex machines. A retrofit or upgrade with Centrisys offers:

- **Improved torque:** Get dryer cake and save on hauling costs
- **Control panel upgrades:** Replace with new, state-of-the-art features
- **Reduced maintenance:** Make equipment run better and last longer
- **Higher temperature tolerance:** Hydraulic backdrive oil continuously cools and filters unlike most gearbox based backdrives
- **Less downtime:** Reduce breakdowns caused by torque or backdrive issues and increase performance over the lifespan of your equipment
- **Decrease power usage:** Use less energy to operate

When it Comes to Backdrives, Bigger is Definitely NOT Better

The simple, compact, lightweight design is easier to install and fits nicely into your current operations. Despite the smaller size and weight, Viscotherm Hydraulic Scroll Drives with Rotodiff® technology outperforms gear box drives in every way.





Before



After

Service that Never Stops

Nationwide and global on-site field-service capabilities, 24 hours a day, 7 days a week, including:



- Repair services - includes centrifuge rebuild
- Preventative maintenance
- Process evaluations/optimization
- Installation assistance
- Machine inspection
- Vibration analysis and other diagnostic services
- Operator and maintenance training
- Maintenance agreements
- Flight repair and replacement
- High speed dynamic balancing
- Control Panel Automation and upgrades
- ISO 9001:2015

More Value



Phone Consultations

With our years of experience, we can diagnose many problems over the phone for our customers, saving time and money



Rentals

Handling seasonal processing requirements or for temporary maintenance requests, we offer short and long-term rental or leasing options



Remote Monitoring

A proprietary remote solution integrated into the control panel, providing 24/7, real-time text and email alerts for equipment status changes

Ready to get more out of your centrifuge with a retrofit or upgrade to a Viscotherm Hydraulic Scroll Drive? Contact Centrisys.

Service

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Questions

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Parts

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Questions about Centrisys technologies? Contact us today!

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ISO 9001:2015