



# Get More from your Centrifuge

*Discover Centrisys' Vast Centrifuge Capabilities and Services*

## Skid, Mobile and Containerized Systems\*

Complete sludge dewatering and/or thickening solutions on a single platform. This modular approach streamlines the installation process and allows for fast and easy placement. Within a few hours, a skid system can be on site and fully operational.

*\*The Centrisys engineering team starts with a site plan, general specifications and flow diagrams to design a working system. State-of-the-art engineering programs prepare the electric schematics, PID diagrams, process drawings and control programs. All ancillary components are selected for the site specific performance and reliability.*

- Only power and process connections needed for system start-up
- Ranging from 5-700 gpm (1- 90 m<sup>3</sup>/h)
- All parts and components are covered under the Centrisys standard warranty terms and conditions



## Rentals for Dewatering and Thickening

Two- and 3-phase rental skid systems are available for seasonal and emergency needs. Short and long term leasing options are also available for dewatering and thickening. Ancillary heating systems are available as an add-on option.

## Customized Solutions a Key Strength

Centrisys provides a full range of custom engineering and manufacturing services. Our customization process starts with listening to our customers to understand their goals or challenges; analysis and development of a preliminary design; prototyping and testing to the final design – all done by our in-house engineering teams located in Kenosha, Wisconsin. Our custom solutions range in size from as large as a complete mobile system to as small as a wear component or part.

## Pilot and Lab Testing

Centrisys invested in trailer and skid mounted centrifuge systems for dewatering and thickening pilot tests. Our dedicated process engineering department conducts pilot and lab testing in the field and also in the process lab, located in Kenosha, Wisconsin.

## R&D and Consulting Services

Available for any centrifugal separation process, our fully staffed lab performs services as needed.

- Lab centrifuge for decanter type centrifuge sampling
- Process engineer team available for testing and specification write-ups to insure correct machine sizing and type
- Process optimization consulting available for all decanter centrifuge brands



## Why Choose Centrisys?

### Installation and Start-Up *for All Brands\*\**

Offering on-site assistance with plant personnel ensures they are comfortable with running the equipment and have a thorough mechanical understanding of the centrifuge. Topics include, but are not limited to:

- Testing, set-up and process optimization
- Polymer dosing
- Checking lubrication system
- Adjusting belt tension
- Diagnosing alarms
- Adjusting speed sensors
- Diagnosing differential speed
- Preventive maintenance tips



### Centrifuge and Process Training *for All Brands\*\**

On-site or at one of our service facilities, we offer basic and advanced training for mechanics, operators and engineers. Topics include, but are not limited to:

- Centrifuge operation
- Maintenance and troubleshooting
- Polymer and process optimization
- Centrifuge terminology and calculations
- Bearing types, uses, and failures
- Pump repairs
- Purge systems setup and testing
- Diagnosing vibrations, alarms and noise

*\*\*Call or email if you have installation or training specific topics needed for your team.*

### Service ■ Repair ■ Optimization *for All Brands*

Our 30 year foundation in service, combined with our comprehensive knowledge of all brands of decanter centrifuges, makes us the most experienced in the industry. We offer a full range of services from preventive maintenance, rebuild and retrofit of decanter centrifuges.

### On-Site Field Service *for All Brands*

Centrisys has a field service team of experienced, fully trained centrifuge technicians nationwide and globally, available 24/7.



### Service Agreements *for All Brands\*\*\**

A variety of flexible and competitive service and maintenance agreements are available. We offer several different plans and options and all agreements are customized to fit your needs.

*\*\*\*Service contracts offer discounted parts and labor.*

### Rotating Assembly and Scroll Exchange Programs

Our rotating assembly and scroll exchange program for Centrisys centrifuges allows for the fastest service to get your centrifuge back up and running.

### Parts *for All Brands*

Along with our own Centrisys OEM parts, we carry the highest quality parts for all brands of centrifuges. Our 20,000 sq. ft. parts distribution center offers the largest in-stock selection of centrifuge parts. Preventative maintenance, critical wear and ancillary parts are all readily available for same day shipment.

- **Parts Warranty:** All parts and components are covered under the Centrisys standard warranty terms and conditions
- **Re-Engineered Aftermarket Parts:** We guarantee, high-quality aftermarket parts for all decanter centrifuge brands. Parts are reverse-engineered to work out any weaknesses based on the wear patterns from the original OEM part. This ultimately creates a stronger part for optimized performance.

