

Animal Protein & By-Product Recovery



Recover Resources. Uncover Revenue.

With this simple objective in mind, Centrisys is partnering with meat and poultry processors to maximize profits while reducing their environmental impact.

Ideas ahead 

Returning to Our Roots to Solve New Challenges



When Centrisys began servicing centrifuges from the world's largest manufacturers more than a quarter century ago, we studied them – exploring what works, what doesn't and why. Today, that foundation of technical knowledge allows us to produce innovative breakthroughs for customers around the globe.

Applying those same insights to the animal protein and by-product industry, we saw an opportunity to adapt our proven decanter technology and help our customers capture new revenue.

Ultimately, we developed an innovative by-product recovery solution that continues to offer competitive advantages to processors across the industry.

Support Throughout the Life of Your Equipment

To take full advantage of this revenue-boosting technology, you need a machine that's reliable for the duration of your process. Whether we use a unique design for a specialized application or a centrifuge from our standard product range, we listen to your application needs and engineer the right centrifuge for the job.

Additionally, our Preventative Maintenance Program effectively minimizes downtime and overall cost of ownership:

- Extend your machine life to as long as 30 years or more
- Save up to 40 percent with a service contract when compared to corrective maintenance costs
- Keep your equipment running and recovering as much by-product as possible

Our commitment to helping companies rise to industry and application challenges through dewatering and process innovation has helped to move our customers' businesses forward for over two decades. Long after installation, you can count on us to help you maximize revenue and application performance.





Uncovering Many New Revenue Streams

Centrisys has worked with some of the world's leading companies in this industry to develop a durable, efficient solution that integrates seamlessly into plants to recover and resell by-products.

A Wide Array of Processing Applications

- DAF skimmings
- Rendering
- Technical fats
- Edible fats
- Mechanically deboned meat
- Poultry by-products
- Blood plasma & blood meal
- Gelatin
- Wastewater processing & treatment

Recovery Advancements

Driving Higher Efficiency and Throughput

It all starts with a proven performer: advanced hydraulic scroll drive technology.

Centrisys began replacing gear box backdrive systems on decanter centrifuges with energy-efficient hydraulic scroll drives from Viscotherm AG in 1988. Today, the Rotodiff® technology is saving energy costs for more than 2,000 customers worldwide.

Building on that success, the Centrisys centrifuge design provides the most effective solution available for animal protein and by-product recovery.

Maximum energy efficiency – With hydraulic scroll drive technology

Higher throughput – With higher hydraulic pressure and torque

Simple and accurate process control – With direct control parameter monitoring

A Consultative Approach

Customer-driven centrifuge innovation has been at the core of our company for more than a quarter century.

When you work with us today, you gain a partner who's committed to – and capable of – advancing the centrifuge technology you need to reduce waste, increase revenues and win in the challenging meat and poultry marketplace.

A Comprehensive Product Range

	CS 10-4	CS 14-4	CS 18-4	CS 18-4HC	CS 21-4	CS 21-4HC	CS 26-4HC	CS 30-4
3-Phase Feed Capacity	5-12 gpm	12-20 gpm	20-35 gpm	25-45 gpm	35-55 gpm	55-80 gpm	80-120 gpm	120-180 gpm
2-Phase Feed Capacity	5-35 gpm	20-60 gpm	50-100 gpm	75-125 gpm	100-175 gpm	150-225 gpm	200-400 gpm	300-700 gpm
Installed HP	20 HP	40 HP	50 HP	60 HP	75 HP	90 HP	165 HP	275 HP



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Proud to uphold American ingenuity – the creativity, courage and determination to rise to the challenge

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