



Centrisys THK Sludge Thickener Lease+ Program

PROBLEM

Purchasing treatment equipment is a critical business decision; upgrading and replacing old, inefficient equipment is essential. Unfortunately, traditional procurement procedures are lengthy and complicated, and capital equipment budgets are tight.

SOLUTION

A Savings-Based Payment Approach. Centrisys' no-cost, low-risk financing option allows plants to replace their old sludge thickening equipment without spending more than their current operations budget and without increasing capital expenditures.

What is Centrisys THK Lease+ Program?

The Centrisys THK Sludge Thickener Lease+ Program is a flexible **Savings-Based Payment** approach for buying either a THK sludge thickening unit or a complete skid system. It is a contractual agreement between a plant and Centrisys based on the savings of installing a new Centrisys THK. Savings criteria can include using less polymer and fewer chemicals, reduced maintenance costs, and increased operational efficiency.

- No capital expenditure
- No down payment
- The THK purchase price is locked in on the date the lease is signed
- Terms and monthly payments calculations are based on:
 1. Operational savings
 2. Equipment cost
 3. Payback period

“Customers pay the same amount of money they would be spending anyways. But instead of tossing it down the drain towards polymer or operating inefficient old equipment, they get a brand-new sludge thickener out of it.”

– Nathaniel Nowicki
THK Product Manager

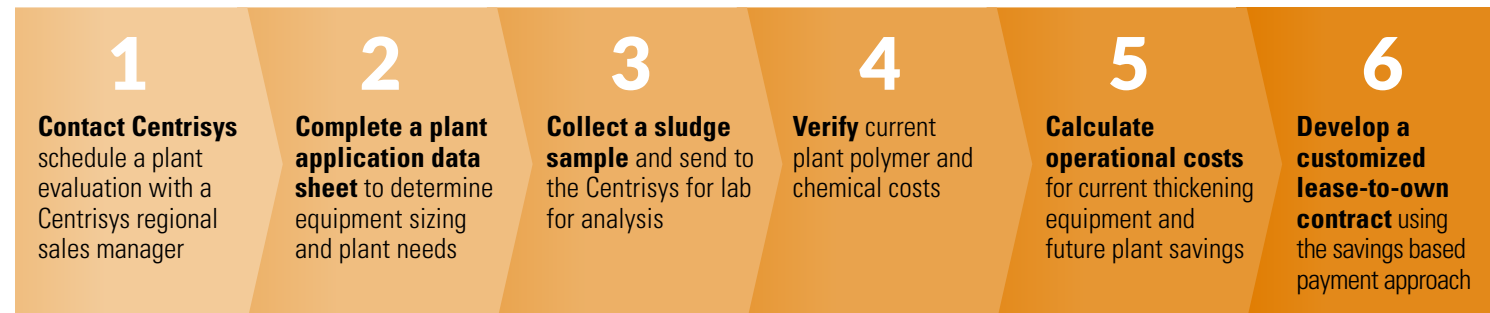


THK Lease+ Program: How It Works

Instead of procuring equipment outright as a capital expense, a lease-to-own contract is negotiated between a plant and Centrisys. Monthly lease rate is based on the measurable savings from operating old sludge thickening equipment vs. a new Centrisys THK. Operational savings are defined and valued in advance by both the plant and Centrisys.

- Centrisys owns the THK, and all supplied ancillary equipment, until the lease period ends and full payment is received
- Monthly payments count toward the THK purchase
- Upon completion of the THK lease contract and payment terms, all equipment ownership is legally transferred
- Centrisys maintains, services, and repairs the THK and all supplied ancillary equipment during the lease period
- Option to purchase an extended warranty for the THK and parts
- Option to purchase a THK service agreement for continued service and maintenance support

SIX SIMPLE STEPS TO CALCULATE PLANT SAVINGS & LEASE PAYMENTS



*Savings are dependent on the plant size, polymer dosing, type, and class of polymer.

A Simplified Approach for Sludge Thickening

THK Skid System

A pre-engineered mobile sludge thickening solution mounted on a single platform. It is a modular system with all the components required for sludge thickening. The skid system streamlines the installation and allows for fast and easy placement. Within a few hours, a THK skid system can be on-site and fully operational. Ancillary components are customizable for sludge thickening optimization and plant flexibility.



Centrisys' THK Sludge Thickener is engineered for high-performance sludge thickening. Compared to other centrifugal thickening technologies, the THK eliminates or reduces the need for polymer conditioning, operates with 50% less power, and provides greater G-volume. The THK delivers the lowest total cost of ownership for sludge thickening equipment in the industry.

CENTRISYS THK SAVINGS AND LEASE PAYMENT VARIABLES

- Current Feed Rate
- Current Feed TS
- Current Polymer Usage
- Current Polymer Cost
- Current Operation Hours
- Current Thickened Sludge TS



- Equipment CAPEX
- Monthly Equipment Maintenance Fee
- Lease Contract Term(s)

- Estimated THK Polymer Usage
- Estimated Polymer Cost
- Target GPM
- Target Feed TS
- Target Thickened Sludge TS

The Centrisys THK Lease+ Program allows plants to adopt new state-of-the-art technology quickly with minimal risk and hassle.

SLUDGE THICKENER THK SERIES

	THK200		THK350		THK600	
	Maximum	Average	Maximum	Average	Maximum	Average
Feed Flow Rate w/o Polymer* gpm	180	125	320	265	765	640
Feed Flow Rate w/ Polymer* gpm	250	200	500	425	1,100	800
Approx. Bowl Diameter in (m)	18 (0.45)		21 (0.53)		26 (0.66)	
Total Static Weight - Empty lbs (kg)	5,000 (2,950)		10,800 (4,900)		27,000 (12,250)	
Standard Main Drive HP	40-50		50-75		150-200	
Standard Scroll Drive HP	10		15		25	
Standard Total Installed HP	50-60		75-90		175-225	

Centrisys Sludge Thickening Solutions USA Built, Sold and Serviced Globally



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