

Complete Self-Contained Mobile Trailer Systems

Systems Mounted on Versatile Road-Ready Trailers*

The Centrisys mobile system is a self-contained system for municipal and industrial dewatering and thickening. Each trailer is customized around a Centrisys high performance decanter centrifuge with all the key ancillary components required for dewatering and thickening sludge on wheels. A Centrisys trailer has the highest "total system uptime" on the market and is the most flexible solution for dewatering, along with the most robust process design for the entire trailer system.



Many municipal and industrial wastewater treatment facilities need just one mobile Centrisys dewatering system: they simply move it between plants as needed for sludge dewatering and thickening. Only power and process connections are needed for system start-up and mobile centrifuge dewatering capacities ranging from 5 to 700 gpm (1 to 90 m³/h). The entire range of Centrisys decanter centrifuges is available for trailer-mounted mobile systems.

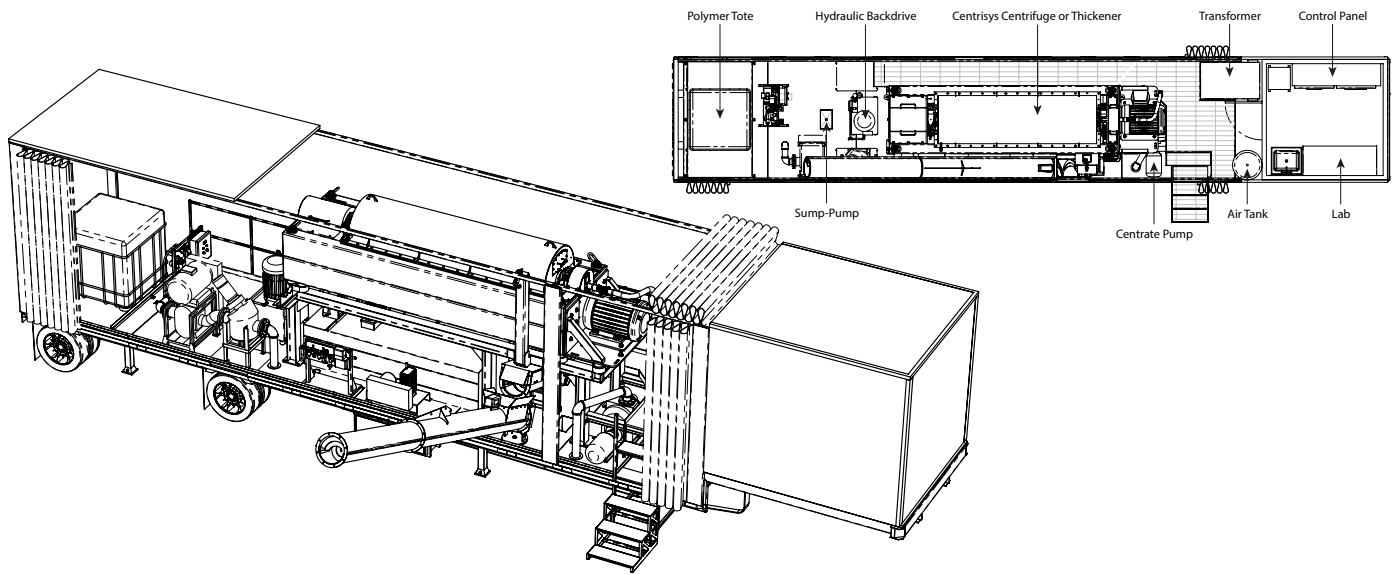
To discuss available or custom trailer-mounted centrifuge systems for your application requirements, call one of our dewatering engineers.

**All Centrisys semi-trailer systems are in compliance with the US Department of Transportation. Permits are not required for transportation.*

Available Options:

- Trailers with roofs and heavy-duty, retractable sides
- Trailers with generators
- Enclosed operator work stations (heated and/or cooled)
- GPS Tracking
- Remote monitoring
- Spill containment system
- Walkways and handrails available for additional operator safety
- Single point connection manifold
- Multiple polymer injection points
- A single source solution for supply and service for all the components on the trailer
- Multiple polymer injection points





Dewatering Decanter Centrifuges CS Series

	CS6-4	CS10-4	CS14-4	CS18-4	CS18-4HC	CS21-4	CS21-4HC	CS26-4EV	CS26-4	CS30-4	CS44-4
Phase	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2
Feed Capacity* gpm (m ³ h)	2-10 (0.5-2)	5-35 (1-8)	20-60 (5-14)	50-100 (11-23)	75-125 (17-29)	100-175 (23-40)	150-225 (34-51)	150-320 (34-73)	200-400 (45-90)	300-700 (68-159)	500-1,000 (114-227)
Weight lbs (kgs)	700 (318)	2,000 (910)	3,800 (1,725)	6,500 (2,950)	8,200 (3,720)	8,500 (3,860)	10,000 (4,550)	16,500 (7,490)	18,500 (8,400)	30,000 (13,600)	50,000 (22,680)
Total Installed	8	20	40	50	60	75	90	140	165	275	450
Power HP (kW)	(22)	(15)	(30)	(38)	(45)	(56)	(68)	(105)	(123)	(205)	(336)
Avail. Shallow Pool/Angle	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
L x W x H in (m)	75 x 21 x 28 (1.9x0.5x0.7)	89 x 44 x 27 (2.3 x 1.1 x 7)	122 x 34 x 31 (3.1x0.9x0.8)	151 x 44 x 41 (3.8 x 1.1 x 1)	175 x 44 x 47 (4.5x1.1x1.2)	175 x 44 x 47 (4.5x1.1x1.2)	190 x 45 x 53 (4.8x1.2x1.4)	210 x 56 x 62 (5.3x1.4x1.6)	225 x 56 x 62 (5.7x1.4x1.6)	258 x 74 x 75 (6.6x1.9x1.9)	248x122x70 (5.2x3.1x1.8)

*Feed capacity based on municipal applications. Actual throughput based on sludge characteristics. Centrisys reserves the right to change specs without prior notification.

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	50		75		150	
Standard Scroll Drive HP	10		15		25	
Standard Total Installed HP	60		90		175	
G-volume Capacity at 3,000 G gal	160,000		332,000		718,000	