

Luis Garza

Mechanical Engineer Director

Centrifuge Engineering Expert



Many municipalities are using legacy wastewater treatment systems that are three or four decades old. While these systems can still get the job done, advancements in the technology offer significant opportunities to improve efficiency, performance, reliability and cost savings. By attacking these challenges head on, forward-thinking engineers are helping to advance the industry.

Turn to Luis Garza for a first-hand account of how innovative centrifuge technology is designed from concept to installation. Garza has 20 years of unparalleled experience in decanter centrifuge innovation and design. He played an integral role in moving the company from a small startup to a globally recognized brand.

Biography

Garza's career in engineering took root 20 years ago when he walked into the Centrisys Corporation office to apply for a mechanical draftsman job. Michael Kopper, CEO and Founder, asked Garza to do the following – draw the flights on a scroll without having to draw each individual flight. Without knowing what a centrifuge was, let alone a scroll and flights, Garza managed to complete the task within four days; he was hired. Today, Garza has designed close to 2,400 centrifuges.

Designing custom engineered solutions is Garza's forte. He works closely with engineers and customers to develop dewatering systems to fit within the specifications of each project. Garza and his team, of seven mechanical engineers, work side-by-side with the electrical, process and service teams to develop the most rugged centrifuge in the industry today.

Providing Thought Leadership On:

- Bridging the gap between innovative concepts and common-sense engineering practices
- Evolution of centrifuge design over the last 20 years
- Key features and benefits of working with SOLIDWORKS mechanical design solutions

Awards

- 2019 Frost & Sullivan Product Leadership Award for the North America Sludge Treatment
- 2019 CIOReview for the 20 Most Promising Metals and Mining Technology Solution Providers
- 2019 Salvation Army Other's Award Recipient for "Resources Supporting Others"
- 2018 Utility of the Future Today Recognition Program for the Kenosha WWTP Optimization Project
- 2017 W&WD Top Project for the Kenosha WWTP Optimization Project
- 2017 ACEC Grand Award Winner for the Kenosha WWTP Optimization Project
- 2013 WEF Innovative Technology Award – THK Thickening System
- 2008 Wisconsin Manufacturer of the Year

Affiliations

- Water Environment Federation (WEF)
- The Water Research Foundation (WRF)
- Leaders Innovation Forum for Technology (LIFT)
- Mid-Atlantic Biosolids Association (MABA)
- Kenosha Area Business Alliance (KABA)
- Kenosha Area Chamber of Commerce
- The Water Council

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