

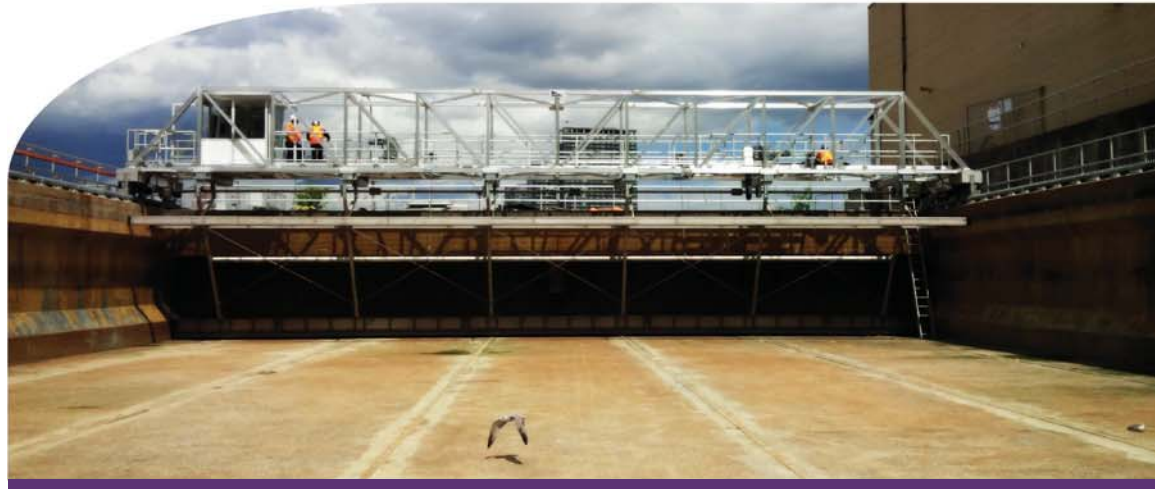
PRODUCT PROFILE - Traveling Bridge Clarifiers

Key Features and Benefits

- Common wall utilization.
- Versatile weir length available.
- Cross collector scum removal or mechanical skimmers.
- Festoon or Conductor bar power supply systems
- Factory Tested and Assembled Bridges before delivery.
- Scraper, hopper, or hydraulic differential sludge removal mechanisms available
- Hydraulic traction or electric cog drives available
- Stainless Steel, Aluminum or Galvanized materials of construction

Applications

- Water and Waste Water plants, primary and secondary rectangular clarifiers
- Rectangular tank retrofits
- Adaptable to existing basin geometry
- Replacement or Rehabilitation of all existing types of Travelling Bridge Clarifier mechanisms
- Controls upgrade, radio communication w/SCADA in a climate controlled Kiosk.



Traveling bridge clarifiers perform the same functions as circular clarifiers. Both water and wastewater applications are served by this bridge system, including both primary and secondary clarification.

Bridges are constructed with galvanized steel, stainless steel, or aluminum and are shipped fully assembled and ready for operation. Bridge designs range from simple beam superstructure to large walk-thru trusses. Controls can be mounted in a climate controlled weather enclosure/ Kiosk for maintenance and monitoring the system in cold environments.

Independent hydraulic traction drives use single flanged tapered wheels, while cog- gear powered devices are fitted with double flanged and flangeless wheels either end that can be powered by a single unit or by independent motors.

Whether the basin profile is stepped, sloped, or flat, the Traveling Bridge system is able to adapt to the basin profile. Collection options include hydraulic suction removal of RAS, and scraper models with hoppers.

Controls for the Traveling bridge systems range from the simplest controls to SCADA radio controlled monitoring and control in climate controlled kiosks. Flexibility in the system allows for staggered or stepped operation. To supply power to the bridge, festoon cable systems are available as well as conductor bar systems.

Ovivo Traveling Bridge Clarifiers are designed to have long life, minimal maintenance, and have low operating costs over the life of the system.



PRODUCT PROFILE - Traveling Bridge Clarifiers



Some recent projects:

Humber, ONT – Primary Clarifier Travelling Bridges (81-ft wide x 257-ft long) with cross collectors and line shaft drives

Duffin Creek, ONT– Primary Clarifier Travelling Bridges (77-ft wide x 210-ft long) with cross collectors. Bridge drives are dual independent synchronized

Village Creek, AL – Final Settling Tanks (80-ft & 40-ft Wide x 220-ft Long) Hydraulic drives and hydraulic differential solids collection.

Corpus Christi, TX – Primary Clarifier Travelling Bridges (56-ft wide x 195-ft long) Under-slung truss, skimmer blades, Hydraulic drives and hydraulic differential solids collection.

ovivowater.com

© 2014 GLV Inc. All rights reserved

OVIVO[®]
Bringing water to life[®]