

Dual-Axis Robotic Vacuuming Arm (DARVA™)

Description

Many robotic cleaning systems are expensive and time-consuming to deploy. DARVA™ is a cost-effective solution for removing settled sediment and hard heels in tanks, sumps and similar vessels. It uses a dual-axis design and rugged construction to achieve comprehensive cleaning in challenging radiological environments with simple installation and operation.

Feature and Benefits

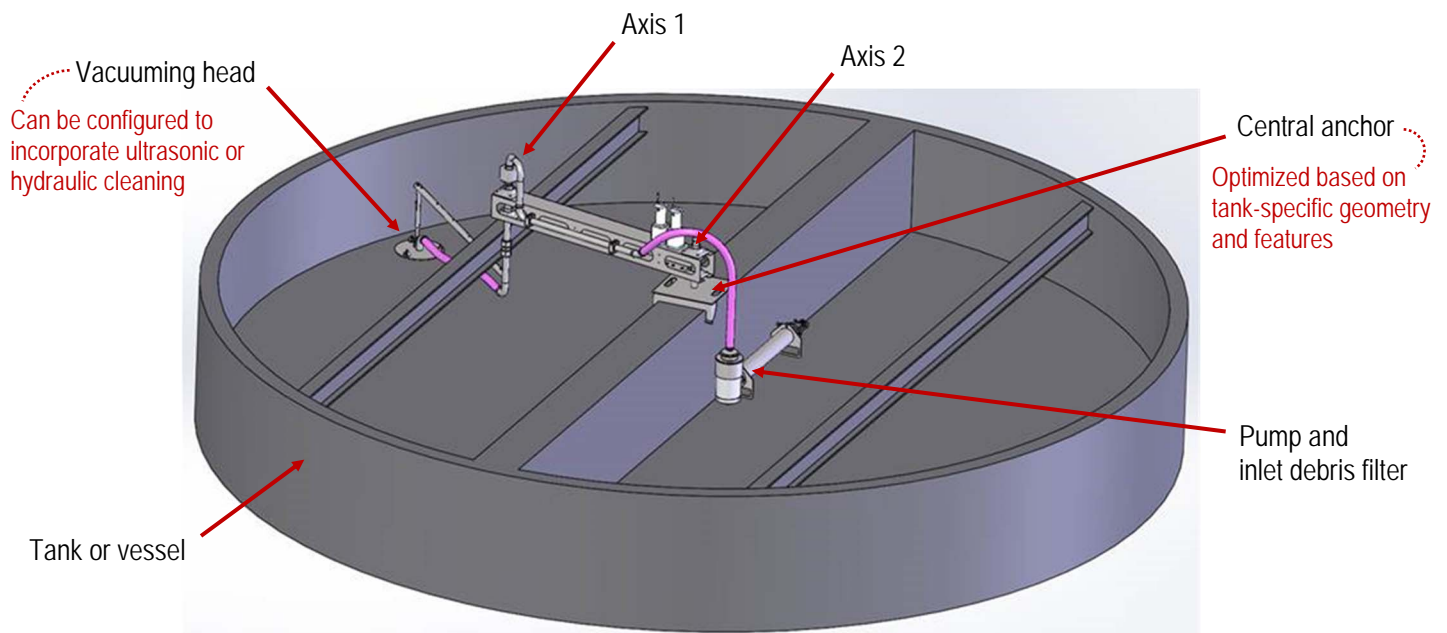
- Installed and removed in minutes
- Remotely operated using intuitive joystick controls
- Ideal for use in challenging radiological environments
- Vacuuming head can be configured to include ultrasonic or hydraulic cleaning, based on nature of tank sludge and tank condition
- Designed for use with AMFM-S300 portable filtration skid



DARVA™ deployment at US BWR

Industry Experience

- Utilized during undervessel sump cleaning at LaSalle Station
- Credited with 40% reduction in radiological exposure during undervessel activities
- 1st Place Winner at 2019 Exelon Innovation Expo



DARVA™ overview