

TANKJET® TANK CLEANERS SAVE CLEANING FACILITY US\$42,000 IN MAINTENANCE COSTS AND REDUCE WATER CONSUMPTION BY 40%



PROBLEM:

A tanker truck cleaning facility needed to replace high-maintenance tank cleaning devices in all 10 of its cleaning bays. Each device required frequent repairs – averaging more than US\$3,500 annually in parts and labor. Lost production time due to maintenance downtime cost an additional US\$7,000 each year. Long cycle times for cleaning – about 24 minutes used 2,040 gallons (7722.2 liters) of water. The facility was cleaning approximately 25,000 tank trucks per year, so water consumption was a very important consideration.

SOLUTION:

TankJet AA290 tank cleaners have been installed in each cleaning bay. Each tank cleaner has two nozzles, which rotate 360° to provide complete coverage. Unlike fluid-driven tank cleaners which tend to clog when debris passes through the gear train, the TankJet AA290 tank cleaner is powered by an electric motor to ensure dependable rotation and long-term performance. The motor is positioned outside of the tanker truck for safety.

TankJet AA290 tank cleaner



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RESULTS:

The TankJet AA290 tank cleaners have a dramatic impact on the tanker truck cleaning facility. The cost of the new TankJet AA290 tank cleaners was recouped in less than one year. Downtime for frequent, costly repairs has been eliminated. The TankJet AA290 tank cleaners perform reliably day-in and day-out with minimal annual maintenance. Cleaning cycles are now completed in 16 minutes instead of 24 minutes

allowing more trucks to be cleaned on a daily basis. In addition, water use for each cleaning cycle has decreased by 40% for an annual savings of more than 20 million gallons (75.8 million liters). Reduced water use has also resulted in reduced chemical and energy use and lower wastewater disposal costs. The cost of the ten new TankJet AA290 tank cleaners was recouped in less than one year.

A CLOSER LOOK AT THE SYSTEM

The TankJet AA290 is a high-impact tank cleaner that provides 360° coverage of tanks and totes up to 80' (24.4 m) in dia.

- Dependable, durable motor-driven units provide consistent high-impact cleaning to remove the most stubborn residues
- Motor is positioned outside the tank to ensure long life and eliminate failures caused by exposure to harmful cleaning solutions
- Long-life construction features corrosion-resistant 316 stainless steel and PTFE fluoropolymer resin seals



TankJet AA290 tank cleaner



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