



TOUGH ON TANKS. CLEANER, FASTER, SAFER.

Our system is remote-controlled.
Our people are hands on.

PSC's RoboJet™ Tank Cleaning System combines the ultimate in non-invasive tank cleaning technology with the most experienced team in the industry.

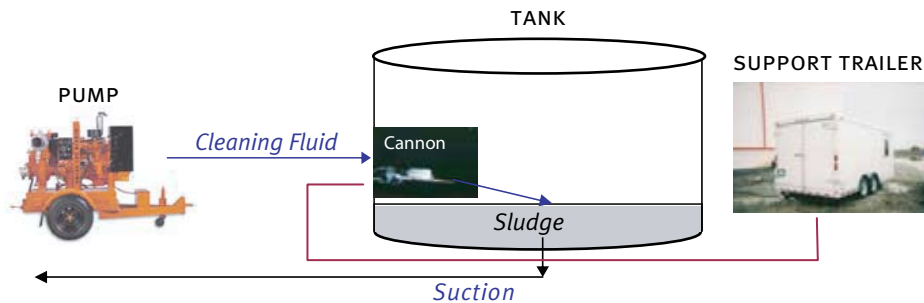
RoboJet removes sludge fast to clean vessels at refineries, bulk terminals and other industrial plants. Whether tanks containing hydrocarbons need cleaning for maintenance, or to increase storage volume, PSC's experts offer you a total package, from engineering to operations and disposal.

RoboJet can handle the toughest tanks, especially when conditions prohibit personnel entry. Call on RoboJet to remove sludge or to make the vessel substantially safer for entry.

RoboJet Performs Under Pressure

RoboJet is a complete system, remotely controlled by a skilled PSC operator in its support trailer. The hydraulically operated nozzle is inserted and sealed into the tank via a shell or roof manway. It features an intrinsically safe, low-light camera and explosion-proof light. The nozzle jets out water, diesel or cutter to quickly remove bottom sludge. With a throw rate of up to 100 feet, RoboJet makes quick work of tank bottom sludge.

Simplified Flow Diagram of RoboJet System



Features

- Hydraulically operated nozzle jets out water, diesel or other cutter stock
- Throw rate of up to 100 feet
- Intrinsically safe low-light camera
- Explosion-proof light
- Designed for manway insertion
- Remotely controlled by video-assisted operator in support trailer

- Umbilical cord connection to trailer sends fluids, power and signals to RoboJet nozzle
- Sludge and rinsate are pumped out to be sent to a centrifuge or discharge point

Benefits

- Reduces personnel exposure to hazardous conditions
- May be used with various types of fluids and diluents

- Can be mounted to virtually any tank manway on the shell or roof
- Adaptable to a broad range of conditions
- Lowers overall cleaning costs
- Controlled from operator station in support trailer



PEOPLE. PERFORMANCE. PRIDE. PROMISE.

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LIGHTS, CAMERA, ACTION.

RoboJet gets the job done with a throw rate up to 100 feet.

An operator in the RoboJet system's support trailer controls the direction of the cleaning fluid by moving the nozzle via the hydraulic actuators mounted on the nozzle assembly. The nozzle assembly is connected to the Support Trailer by an umbilical cord, which sends hydraulic fluid to the actuators, power to the light and camera, and transmits a signal from the camera back to a color monitor at the control station.

Sludge and rinsate is pumped from the tank from a low suction point while the RoboJet is operating, and can be sent to a centrifuge or other similar device for liquid-solids separation, or pumped to another discharge point as desired.

Supply Pressure PSI	Typical Nozzle Diameter							
	5/8"		3/4"		7/8"		1"	
	Flow GPM	(ft) Jet Length	Flow GPM	(ft) Jet Length	Flow GPM	(ft) Jet Length	Flow GPM	(ft) Jet Length
120	129	72	162	84	226	90	290	95
150	149	81	184	100	248	100	319	105
175	158	84	193	110	257	105	334	110

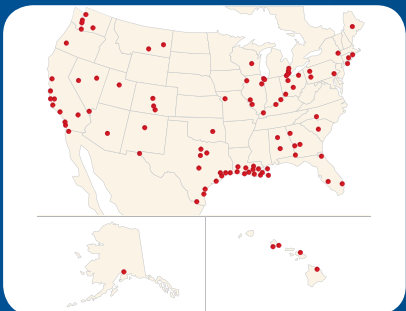
Excellence in Environmental, Health and Safety Performance is Critical to Our Success

At PSC, excellence in environmental, health and safety performance is the foundation of everything we do. It is PSC's policy to conduct our business in a manner that safeguards and protects the people, environment and resources of the companies and communities we serve. By basing our operations on these core values, PSC provides our clients with more than mere services. We team with you to identify ways to reduce wastes, costs and liabilities while improving your process efficiencies, productivity and profits.

Contact PSC Now

PSC provides industrial cleaning and environmental services coast-to-coast from our nationwide network of facilities. For more information or to discuss your specific needs, please contact your PSC representative or the PSC location nearest you.

For further information about PSC and any of its services, contact us at 877.772.6693.



With a nationwide network of locations supported by thousands of employees, PSC has the resources to serve its clients. PSC's staff possesses a unique expertise in industrial services, environmental & waste services, transportation services, oilfield services and container services. We are exceptionally qualified to meet all of our clients' needs.



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www.PSCNow.com 877.772.6693

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