



**USADEBUSK**

## Re-imagining The Industrial Service Business

Corporate Office

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Turnaround Services  
Hydro Blasting  
Hydro Cutting  
Hot Catalyst Services (1250°)  
Fixed Bed Inert Catalyst Service  
Transportation & Storage  
Tank Cleaning  
Degassing & Vapor Control  
Hydro Excavation  
Unit Clearing/Chemical Cleaning  
Vacuum Services  
Pigging & Decoking



# USA DEBUSK

Assure safety, quality, efficiency and minimal downtime with a unique suite of mechanical and automated services from USA DeBusk

## TURNAROUND SERVICES

When you choose USA DeBusk for any of the services outlined herein, you choose the best full-service planning, execution and follow up for your turnaround.

## HYDRO BLASTING

With hydro blasting units up to 40,000 psi and over 600 horsepower, we attack the most resistant residues in vessels, tanks, heat exchangers, columns, piping and slabs.



## HYDRO CUTTING

DeBusk crews have provided best-in-class hydro cutting services across the United States and Caribbean for more than 20 years. With pressures up to 40,000 psi, our hydro cutting services are ideal for tanks and vessels, demolition, FCCU turnarounds, pipe cutting, door sheet openings, manways, concrete and metal.

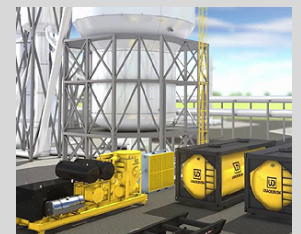


## CATALYST AND TRANSPORTATION

**Transportation:** USA DeBusk specializes in handling and transporting catalyst, chemicals, waste by-products and raw materials. Products can be stored (bulk, super sack, sea container, or tote), managed and distributed from our secured terminals. In addition to transportation and storage, we offer transloading services from vessels, containers, and railcars.



**Catalyst Shutdown Services (Hot Catalyst Handling):** USA DeBusk provides hot catalyst handling and management. Our specialized vacuum equipment handles catalyst up to 1,250°F (677°C), cutting entire days from your shutdown schedule. Our procedure allows removal of catalyst during unit shutdown, expediting operations withdrawal and turnover to maintenance. We also screen refractory or support balls from the catalyst, then pneumatically convey the material to storage for startup or vessel for transportation – all in a 100% closed-loop system.



**Fixed Bed Inert Catalyst Services:** USA DeBusk is a full turnkey catalyst changeout provider with services including inert and non-inert changeouts, reactor isolation and opening as well as specialty loading services. By utilizing the safest most innovative equipment in the industry, combined with an experienced team of catalyst professionals, we deliver the safest and best quality of service available today.





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## TANK CLEANING

USA DeBusk offers a variety of tank cleaning techniques, including, robotic and standard methods. The best approach is selected based on your needs and the specific challenges associated with your application.



## DEGASSING AND VAPOR CONTROL SERVICES

USA DeBusk uses advanced mobile units for emissions control needs. With our diversified fleet and experienced personnel, USA DeBusk has the local and federal compliance solution for you.



## HYDRO EXCAVATION

For visual identification of existing underground lines, our crews and equipment are a safe and effective option for exposing underground utilities that would otherwise be too dangerous for mechanical excavation.



## UNIT CLEARING & CHEMICAL CLEANING

USA DeBusk offers innovative and safe cleaning products, technical supervision, and modern equipment designed for decontamination and cleaning of refinery and petrochemical process units. We utilize our proprietary PlastEx™ agent to dissolve polymer deposits, and chemical circulation techniques to remove oil/hydrocarbon, hydrogen sulfide, benzene, hazardous gases and a long list of contaminants that typically impact process equipment efficiency.



## VACUUM SERVICES

We provide the latest technology and vacuum machines available, including 70- and 130-bbl liquid vacs, air machines, combination units, stainless steel units, liquid ring trucks, scrubbers and detachable cyclones.



## PIGGING AND DECOKING

We offer the most technologically advanced pigging pumps that provide the safest and most efficient cleaning of fired heater furnaces, transfer lines, water lines and pipelines.





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office locations and for additional information  
on our service capabilities.