

AGRICULTURE PLANT SERVICES

Advantages

- Best-in-class safety
- Multi-service synergies
- Stringent quality standards
- Extensive automation
- Environmental safeguards
- Modern, diverse equipment fleet
- Highly qualified planning, management, and field personnel



Advanced vapor blasting

USA DeBusk is a turnkey provider of a full portfolio of plant maintenance and turnaround support services for ethanol production, fertilizer manufacturing, soybean processing, and other agriculture-related operations.

We are a single-source solution for the industrial services agriculture plants need, including hydro blasting, vapor blasting, chemical cleaning, vacuum services, catalyst services, pigging and decoking, tank cleaning, emission controls, painting and coating, nitrogen, and more.

By orchestrating multiple services, USA DeBusk provides efficiencies and synergies to reduce costs, streamline turnaround duration, maintain consistently high safety standards, and improve project coordination and communication.

COMPREHENSIVE SUPPORT

Our project specialists work hand-in-hand with your turnaround managers and coordinators to define the project scope, timeline, and most effective service options. We help identify any plant equipment with a history of problems and develop long-term solutions. We also define potential waste streams and their mitigation based on regulatory requirements and plant objectives.

Our expertise includes project planners, managers, and supervisors with decades of ag plant experience, as well as in-house engineering support and fully trained and qualified crews. Our diverse capabilities enable us to quickly and effectively return your key units and equipment to optimal service, including:

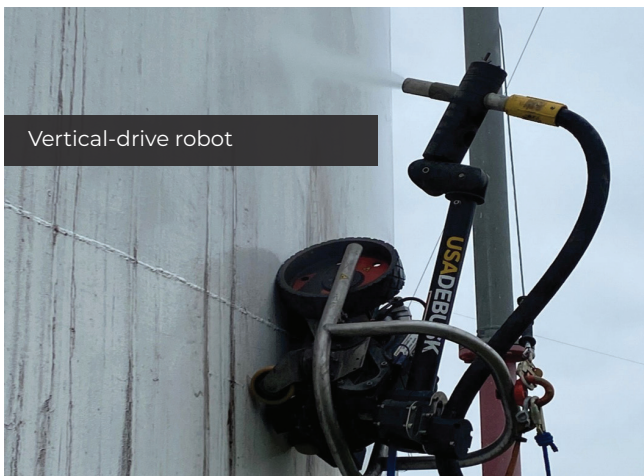
- Evaporators
- Exchangers
- Reboilers
- Beer columns
- Liquid & syrup lines
- Side strippers
- Towers
- Cooling tower basins
- Ductwork
- Heaters



Automated tube cleaning



VBX+ polishing



Vertical-drive robot

DIVERSE CAPABILITIES

USA DeBusk is a leader in providing conventional hydro blasting and industrial vacuum services to clean and remove the toughest residues in vessels, tanks, heat exchangers, columns, piping, slabs, and more.

We also offer an extensive line of semi-automated and fully automated technologies to:

- Enhance safety by removing personnel from confined spaces and other hazardous areas
- Increase productivity with longer, uninterrupted work times
- Improve quality with more consistent speeds and movements

TECHNOLOGY HIGHLIGHTS

AUTOMATED TUBE CLEANING. An advanced automated heat exchanger hydro blasting system with computerized control to precisely index locations and mechanically feed multiple flex lances into the tubes. Automation provides thorough, consistent cleaning and extended run times to complete projects with maximum efficiency.

VBX+ POLISHING. A proprietary, automated vapor blasting process in which abrasive media is mixed with water, direct-injected under pneumatic pressure into an air stream, and discharged through single or multi-head injector nozzles. The system is compact, highly mobile, simple to set up, and safe for other nearby crafts. The process polishes surfaces to bare metal to satisfy Level 5 (pharmaceutical) requirements and prepare equipment for inspection and NDT testing.

VERTICAL-DRIVE ROBOTS. Remotely controlled robots equipped with interchangeable assemblies for hydro blasting, pressure washing, or abrasive blasting. These robots feature on-board cameras, mobility in all directions, and the ability to work on vertical, horizontal, and overhead surfaces using a magnetically adhered drive system.

ENVIRONMENTAL FOCUS

USA DeBusk is experienced in mitigating waste streams in sensitive environments. Our proprietary technologies conserve resources, contain solid and liquid wastes, and eliminate/minimize waste overhaul. Our planners assist your environmental team in determining how each waste will be handed and prepared for final disposition.

TECHNOLOGIES AND
SERVICES TO RESTORE
OPTIMAL AGRICULTURE
PLANT OPERATIONS

