

HYDRO CUTTING



Advantages

- Safer alternative to torch cutting
- No heat deformation of customer assets
- Fast and efficient
- 100% hands-free
- Automation and remote control
- Garnet-infused 40,000 psi
- Specialty suction tracks
- Multiple crews for large turnarounds
- Provided with other USA DeBusk services

USA DeBusk crews provide high-precision hydro cutting for a full range of industrial applications, from simple pipe cuts to larger, more complex projects such as aboveground storage tanks and FCC units.

At USA DeBusk, hydro cutting is a dedicated service line with the most experienced personnel in the industry, state-of-the-art equipment and proven techniques. USA DeBusk has compiled a record of on-time, on-budget project completions for major refineries throughout North America.

APPLICATIONS

- Tank and vessel demolition
- FCCU turnarounds
- Coker turnarounds
- Pipe cutting
- Door sheet openings
- Tank floor cutting
- Heat exchanger shells
- Manways
- Concrete up to 24 inches in depth

A SAFER ALTERNATIVE

USA DeBusk hydro cutting systems use 40,000 psi water pressure infused with garnet abrasive to make high-precision cuts in metal or concrete surfaces. Unlike oxy/acetylene torches, hydro cutting is flame-free and safe for use in hazardous areas.

- No fire hazards
- Safe in explosive atmospheres
- Automation and remote-controls to protect operators
- Eliminates heat deformation of customer assets



Safe and efficient for complex projects

Automation and remote controls for safety



RESPONSIVE, VERSATILE SERVICES

USA DeBusk provides complete consulting and technical support. Extensive coordination with customer maintenance and engineering personnel assures projects are planned and executed to meet project objectives.

Hydro cutting crews can respond quickly to urgent needs. Multiple cutting systems can be deployed and crews can work around the clock to accommodate large turnarounds or projects with tight deadlines.

EQUIPPED FOR HIGH PERFORMANCE

Automated control and specialty suction tracks assure accuracy and consistency for both straight and beveled cuts. For tight tolerances, edge finishes or other requirements, high-pressure water may be mixed with a garnet abrasive. For unique applications, USA DeBusk can engineer special tooling and procedures.

USA DeBusk uses the latest, most technologically advanced equipment available. All hydro cutting equipment is company owned and maintained to assure reliability, safety and quality. System components include:

- 40,000 psi diesel-driven pump packages
- Garnet abrasive
- Flexible, specialty suction tracks
- High-precision remote controls
- Specialty tooling (when necessary)

APPLYING TECHNOLOGY,
EXPERIENCE AND EXPERTISE
TO DELIVER THE SAFEST,
MOST PRECISE COLD-CUTTING
SOLUTIONS

Special suction tracks for high precision

