

# HX+ AUTOMATED HYDRO EXCAVATION



## Advantages

- Keeps workers away from high-pressure jetting
- Automation increases productivity and speed
- Greater precision than mechanical digging
- Can reduce crew size requirements
- Safer around buried assets and utilities
- Less disruption to area surrounding the dig site
- Self-contained units with small footprint
- Integration with a full suite of USA DeBusk services

USA DeBusk's HX+ automated hydro excavation takes the benefits of water-jet-assisted digging to a higher level of safety and productivity.

## ROBOTICS & REMOTE CONTROL

This advanced system uses robotics and remote control to remove workers from the active line of fire during excavation procedures. While the system is running, the operator is safely positioned approximately 20 feet away from the water jetting site.

Automation increases the level of precision compared to manual jetting or mechanical methods. It also improves productivity by increasing consistency and allowing extended work periods without the need for breaks required by human workers.

HX+ systems are mobile and compact, allowing access to confined locations while minimizing disruptions at the jobsite. The dig tube is capable of reciprocating 180 degrees to provide cutting action while digging.

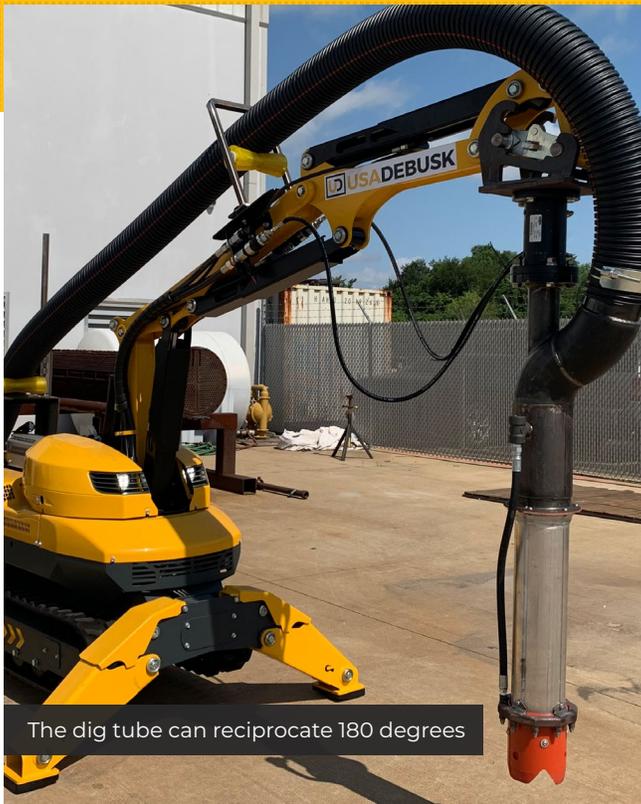
## A BETTER WAY TO DIG

HX+ automated hydro excavation is used instead of mechanical digging for a wide range of utility location, maintenance, construction, and repair projects. It is far safer than conventional methods, protecting both people and buried infrastructure.

HX+ automated hydro excavation uses pressurized water to remove or displace soil and a powerful vacuum system to suction the slurry and debris into a high-capacity waste tank. Systems are capable of precise, clean cuts and can remove high volumes of overburden quickly. All equipment is truck and trailer mounted for access to remote locations and difficult terrain.



HX+ automated hydro excavation system



The dig tube can reciprocate 180 degrees

## SAFE, FAST, VERSATILE

HX+ automated hydro excavation mitigates hazards by eliminating the danger of contacting volatile or energized lines with a backhoe, excavator, or other equipment. It also protects against delays and expenses from damage to unseen assets.

The process can use hot water to melt frozen soil and debris, allowing work to be completed in cold climates.

## APPLICATIONS

There are many job sites where gas, electrical, and plumbing lines pose threats to safety. This process is ideal for these sensitive areas, as well as other situations where accessibility or efficiency are desired.

Typical applications include:

- Trenching
- Pot holing
- Daylighting
- Utility identification
- Pier digging
- Tunneling

BRINGING THE BENEFITS  
OF ADVANCED  
AUTOMATION TO THE  
INDUSTRY'S SAFEST  
EXCAVATION METHOD



Remote control for safer operation



Compact and mobile

