



REDUCING RISK

Xtreme Tank Technologies is seeking a pilot opportunity with in-situ recovery uranium operators to protect production and lower risk inside process tanks — through surface skimming, vapor-space gas control, static grounding and fluid chemistry. Our flagship **Freedom Tool** is patented, is built from **316 stainless steel**, has **no moving parts**, needs **no power**, and requires **no tank entry**.



RESIN PROTECTION

Skim the oil film and floating solids off surge tanks before the ion exchange columns. Fouled resin loses uranium loading.



RADON & H₂S CONTROL

Sweep and purge the vapor space above the liquid. Lower worker exposure and support your ALARA programme.



DISPOSAL WELL PROTECTION

Remove floating solids, iron floc and oil before the Class I injection feed pump. Protect injectivity and RO membranes.



CRUST & SOLIDS REMOVAL

Break the salt and scale crust on brine tanks and evaporation ponds. Skim floating solids without pond entry.



FLUID CHEMISTRY

Introduce biocide, surfactant or inhibitor at liquid level. Suppress bacteria growth that drives corrosion.



SAFETY & COMPLIANCE

Static grounding in the flash zone. Type 1 fire suppression tool, compatible with all foam types. No tank entry required.

Ready to trial the Freedom Tool on one tank?

Xtreme Tank Technologies offers purchase and flexible lease options — deployed on your schedule.

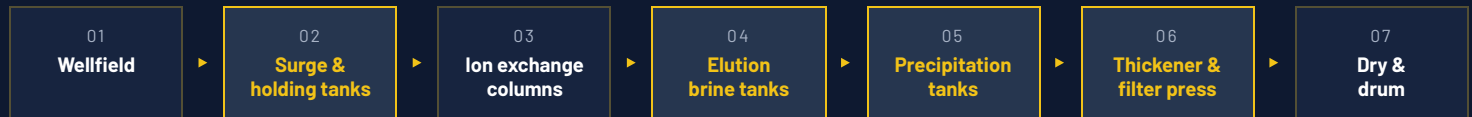
PASSIVE
NO POWER REQUIRED

NO ENTRY
FEWER CONFINED SPACES

ON CALL
RAPID DEPLOYMENT

WHERE THE FREEDOM TOOL FITS IN AN ISR CIRCUIT

Uranium never leaves a tank for long. Anything that floats on a surface between the wellfield and the drum is either lost product, a fouling risk to your resin, or a gas your crew should not breathe. The Freedom Tool works on that surface.



■ Highlighted stages hold open or vented vessels where the Freedom Tool applies. Waste, restoration and disposal circuits draw from these same stages.

VESSEL BY VESSEL

VESSEL	THE PROBLEM AT THE SURFACE	WHAT THE FREEDOM TOOL DOES
Surge and holding tanks	Pump oil, grease and floating solids reach the resin bed and foul it	Skims the film at any liquid level, upstream of the columns
Eluant and eluate brine tanks	Salt crust, resin fines and a crud layer build at the surface	Skims and breaks the crust; adds inhibitor below the surface
Precipitation tanks	Foam and floating uranyl peroxide fines sit on the surface	Skims the surface so fines return to product, not to waste
Thickener and filtrate tanks	Scum blanket and fines carried in the overflow	Skims the overflow launder and the filtrate return
Restoration water tanks	Iron floc, biological growth and oil foul RO membranes	Removes the floating fraction before the membranes
Disposal well feed tanks	Floating solids and floc plug the Class I injection zone	Skims the feed tank before the injection pump
Evaporation and surge ponds	Salt crust, scale, algae and bacteria mats	Breaks the crust and doses biocide below the surface

PROVEN IN PRODUCED WATER

The Freedom Tool is patented and is in service in Texas produced water tanks. Customers include **WaterBridge, Select Water Services, Pilot Water, Summit, Reclaim, Triple Crown, Judah Oil, Apache** and **ConocoPhillips**.

Every tool is built from **316 stainless steel** for corrosion resistance in brine, carbonate and peroxide service.

WHAT WE NEED FROM YOU

- One tank and its dimensions
- Fluid chemistry and temperature
- Your radiation safety review requirements
- A thirty minute call