

Water & Tailings

A focus on Dry Stack Tailings (DST)

Safer storage. Lower impact. A more sustainable future.

Dry Stack Tailings (DST) solutions help mining operations improve water recovery, reduce reliance on conventional wet tailings storage and support safer, more responsible tailings management.

AT A GLANCE - WHY DST SOLUTIONS MATTER



Safety

- Elimination of catastrophic tailings dam failures.
- Significantly improved rehabilitation before and after closure.



Water

- Enables water recovery and reuse.
- Reduces freshwater demand.



Environment

- Requires smaller area of affected land.
- Protects fauna from risks in muddy ponds.
- Enables creation of more natural landscapes.



Society

- Enables stronger social licence to operate.

HOW DST SYSTEMS WORK



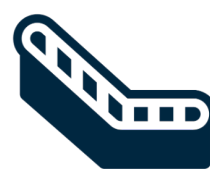
Thickening

Tailings are thickened to remove free water.



Filtration

Tailings are filtered to achieve low moisture content.



Conveying / Transport

Dewatered tailings are conveyed to the stacking area.



Stacking

Tailings are stacked in dumps to build the stack.



Dry, stable tailings stack

Engineered to be safe and stable with minimal water release.

OUR SOLUTIONS



Thickening and filtration

Proven equipment and processes to dewater efficiently and effectively.



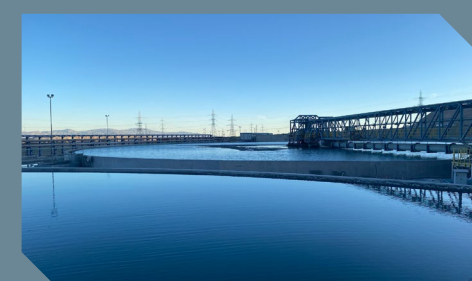
Conveying and distribution

Reliable and efficient transport of dewatered tailings to the stacking area.



Stacking

High-capacity stackers and control systems for consistent, stable stack construction.



Water management and recovery

Solutions to capture, treat and reuse water throughout the tailings circuit.



Engineering and integration

From dump design to end-to-end engineering, automation and digital solutions for optimized performance.



Handling tailings more safely - while recovering more water for future-ready mining.