



Toilet Tech Solutions offers a completely enclosed, single unit, mechanical foot-operated, urine-diverting toilet system. This unit can be installed in less than 20 minutes into a simple site built toilet structure, solids treatment zone (behind the wall), and urine pipe. Urine can go to a simple septic field, sewer drain, storage tank for sanitization and reuse, or to a constructed wetland.



This system has two parts; a conveyor and a seat. There are three lengths of conveyors: short, medium, and long, (40cm, 80cm, and 110cm). There are two styles of toilet seat, Neodyme (white resin) and Zircone (stainless and wood). Zircone won European design awards in 2013.

Prices range from \$2900-\$4900 + tax and shipping.

This system is suitable for residential public or commercial application. The diversion of urine is mechanical and driven by the foot. Signage is recommended (templates provided). An installation in Squamish BC at the very high use Smoke Bluff Park has over 3000 uses and all waste was 'foot-flushed' away without any reported problems.

Temperature range: -20C to +40C

Usage per toilet seat: up to 15,000 uses per year

Monthly maintenance: 5-10 minutes (water + foot flush)

Annual maintenance: 30-40 minutes (push cone around)

Solid matter removal: every 10-20 years (shovel)

The benefits of this system include

- Single story building /no below-ground excavation
- Self contained, single unit plug & play mechanism
- >95% diversion of urine from fecal matter
- No bulking agent, no wood chips, no sawdust
- Capable of producing a solid waste stream that can be stabilized, sanitized, and digested by earthworms or other invertebrates (these organisms are very sensitive to ammonia / salt)
- Limitless capacity with multiple stalls
- Very low O&M and least operator exposure

