

### About the Kube-23

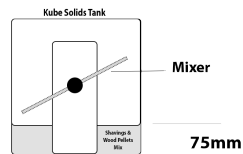
The Kube 23 Mixer is a 23L solids container designed for use in compost collecting toilets. Based on the Kube-23, the 'Mixer' version includes a solids mixing blade operated by a crank on the outside of the lid.

Key Features of the Kube 23 Mixer:

- 23L (6 US Gallons) Capacity
- Built in solids mixer designed for general use. Mixer is user interchangeable for other versions when available.
- Mixer bearings are sealed against moisture leaking from the tank
- Built-in handles
- Fabricated using robust anti-bacterial plastic
- Provided with breathable lid. Stackable.
- All metals stainless steel.
- Comes with interchangeable stainless crank

### Setup

Fill the Kube with at least 3" of mixture of wood shavings and (ideally) wooden pellets. This provides both a biological sponge for excess liquid and a starter carbon mix for helping composting process.



You can use other carbon material but avoid importing carbon or using peat and these are not very eco-friendly.

You can add more, or less, carbon and you'll find an optimum amount for your living style (living, vs occasional use).

Every time you empty the solids container you will need to refill with fresh carbon material.

### Installation

The Kube-23 Mixer is designed to fit into toilets designed specifically for this tank. If you have this note, it's likely that you have such a toilet! The Kube only fits into the toilet one way - with the crank handle spigot facing the side of the toilet designed to take the crank. In Kildwick toilets there is a special locating frame that helps secure the tank and locates it in the correct position.

The crank handle locates itself on the Kube spigot - in only two positions - you may need to push as you turn the crank until it locates properly (it pushes in).

### Operation

Turning mixer has two purposes:

- To mix fresh solids into the previous carbon/solids mix
- To aerate existing contents to encourage composting or dehydration.

In normal operation, the person who has just been to the toilet will turn the handle themselves. In the case of guests, however, it won't matter if they wait for you to do it later - the previous sawdust mix can blend in the fresh solids without you having to add sawdust immediately - you can add extra anytime.

- Do not turn the handle too rapidly - it may cause 'flicking' the solids out of the bucket - most likely occurring when the tank mainly contains dry material that is easily/quickly turned.
- Alternate turning direction - this helps to reduce mixing 'dead-zones' and improve mixing efficiency.
- As the bucket fills up the handle will get harder to turn - adjust your grip accordingly. If it gets too stiff, it may be time to empty the tank.

### Emptying

- Remove the crank handle
- Fully open the poop-chute flap (if the toilet has one) to keep it out of the way.
- Lift the tank out, put on the lid and take it out to empty into a compost bin or appropriate 'human waste' compostable bag.
- Be careful to follow all good hygiene precautions including using disposable gloves when being close to human waste.



# Kildwick<sup>TM</sup> Kube-23 Mixer

## Solids Tank with Mixer

## Operation



With SteriTouch  
Anti-Bacterial Additive

SERIAL NUMBER