



# BUCKET TUMBLER

Operation & Maintenance Manual

**Warning: Read instructions carefully before attempting to install, operate or service pumps. Retain instructions for future reference.**

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## **Introduction**

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Much like paint, most liquid colorants are pigments in suspension. Over time, the heavier pigments settle to the bottom leaving a thin layer of liquid on top.

The TUSKIN BUCKET TUMBLER allows you to slowly and gently tumble each color container prior to putting them into service. Time required for adequate mixing will vary from 10 minutes up to an hour depending on the severity of separation.

Tumbling assures uniform color usage from the start of your color run to the finish. Making lower pump setting possible along with more complete usage of the entire contents of the container. Dollar savings of 10 to 20% are possible.

When a container is left in inventory too long, color separation can be so severe that the liquid is virtually unusable. In the past, these containers had to be returned to the manufacturer for reprocessing. Now a TUMBLER can quickly return these containers to a uniform homogeneous blend with minimum effort and no mess.

TUSKIN'S BUCKET TUMBLERS are safe, compact and use standard 110 volt power.

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## **Operating Instructions**

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1. The TUMBLER should be placed on the floor. Rotation is slow enough so that there is no danger of the unit "walking" during operation. Place in a location that allows for easy loading and unloading.
2. Rotate the basket by hand to an upright position.
3. Unscrew the hand knobs and remove the top plate.
4. Place container in the basket.
5. Replace the top plate and tighten the hand knobs. NOTE: When properly secured, the top plate will be snug to the container.

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## Features

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1. **SLOW SPEED** for gentle mixing. Will not strain or damage plastic containers. This allows full containers to mix as well as partially full by allowing time for the heavier contents to shift internally within the thinner liquid. Unlike “Shakers” that cause air entrapment requiring days to “settle out”, the TUSKIN BUCKET TUMBLER will not cause foaming or entrapment of air in the liquid.
2. **COMPACT** and very stable design allows location of the tumbler on a tabletop.
3. **SAFETY** is given **TOP PRIORITY** in the design:
  - Slow speed of 13 RPM's is inherently safe.
  - Belt drive (instead of chain) will slip if an obstruction prevents normal rotation.
  - Wide clearance between rotating parts and stationary parts assures there are no “pinch points”.
4. **BALANCED DESIGN** requires a minimum of motor torque to rotate the heaviest of containers. Slight offset center of gravity allows container to return to normal upright position when power is shut off.
5. **LOW POWER REQUIREMENT** of 2.8 amps at 115 volts allows operation from a standard wall outlet.
6. **RUGGED WELDED STEEL** construction and ball bearing pillow blocks for years of trouble-free services.
7. **TOP PLATE** with lip will hold various shapes and sizes of containers firmly in place.
8. **BOTH ROUND** and **SQUARE** 5 gallon plastic or metal containers fit easily and securely into the tumbler basket.