

What is an Ink Mixer?

A screen printing ink mixer is a tool or machine used to blend inks evenly, ensuring consistent color, viscosity, and texture before printing. Proper mixing prevents streaks, clogs, and uneven prints.

Types of Ink Mixers

1. Manual Mixers (Putty Knife/Paddle)

- Low-cost, hand-held tools for small batches.
- Best for quick color adjustments.

2. Electric Mixers (Jar/Drill Attachment)

- Motorized for fast, thorough blending.
- Ideal for large volumes or thick inks (e.g., plastisol).

3. Industrial Mixing Machines

- Automated systems for high-volume shops.
- Ensures precision and repeatability.

Why Use an Ink Mixer?

- ✓ Consistency – Eliminates pigment separation.
- ✓ Smooth Texture – Breaks up clumps for better flow.
- ✓ Color Accuracy – Critical for Pantone matches.