

FINISH•MASTER™

# Parts Washer/Dunker

## Resin/build removal for 3D printed parts



■ FM-M1134 Dunker



■ MB-303-5

Build Removal

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# Parts Washer/Dunker

**Bel Air's parts dunkers** utilize aggressive agitation and dipping action, making them suitable for use with various 3D resin/build removal compounds. An optional pump agitation feature is available to speed up the action. The solution tank, platform, and lift mechanism are constructed from 304 stainless steel. Dual double-channel posts provide a sturdy support and track for the lift mechanism.

A solution of **water** and the appropriate **build removal compounds**, when used in Bel Air's parts dunkers, provides an environmentally friendly cleaning solution. The solution is heated with industrial quality immersion heaters with stainless steel plugs and incoloy elements.

**The parts are placed on the platform**, and the start button submerges the platform, closes the door, and begins the agitation cycle. Cycle time is set by the adjustable electronic timer as required for part cleanliness. A seven day timer used for programming the tank heater is standard, so the washer is ready for work at the start of the day.

**At the end of the cycle**, the platform is raised, and the door is automatically opened. This signals to the operator that the cycle is finished, and another load may be started. Controls are conveniently located on the right front corner of the washer.

**Bel Air's MB-303** rapid rinse 3D prototype resin cleaner is an environmentally safe alternative to trichloroethylene, TPM, acetone, isopropyl, and other hazardous and flammable solvents. This **green** stereolithography (SLA) rinse agent will remove Ciba-Geigy, Allied Signal, and 3D Systems rapid prototype resins, among others. As a bonus, MB-303 also dissolves grease, oil, paint, adhesives, and non-prototype resins. Its high dielectrical strength makes it an excellent electric motor degreaser as well. Use at 100% concentration. Available in 5 gallons or 55 gallons. Average cycle time is 30 minutes and product lasts for months.

### Features

- Structural steel & heavy gauge tubing construction
- Continuously welded for a rigid frame structure
- Polyurethane lined barrels fabricated from ¼" stainless steel plate
- Solid posi-lock door with dust seal
- "Direct Drive" for continuous, low-maintenance operation
- TEFC brake motor
- Emergency Stop push button
- Run/Off/Jog selector switch
- Safety gate interlock switch
- Variable frequency drive
- Automatic positioning for load & unload

Model	Heater Power (kW)	Liquid Capacity (gal)	Immersion Depth (in.)	Platform Size (in.)	Lift Capacity (lbs)	Pump Agitation	Voltage/Phase
FM-M1124	7.5	160	18	28 x 28	200	Optional	230V , 1 Phase
FM-M1134	15	160	18	28 x 28	200	Optional	208/230V, 3 Phase
FM-M1144	15	160	18	28 x 28	200	Optional	460V, 3 Phase

All models have a 304 stainless steel tank and carbon steel outside skin.



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