

## AUTOMATED. INTELLIGENT. COMPREHENSIVE.

PostProcess Technologies is the pioneer of the automated post-printing industry. As the first and only provider of automated and intelligent post-print solutions for additive manufacturing, PostProcess increases the consistency, throughput, and productivity of the third step of 3D printing – post-printing.

## HIGH VOLUME USE.

When throughput is essential, the PostProcess™ DEMI™ Support Removal system is engineered to meet the demands of volume production while ensuring consistency of every part.

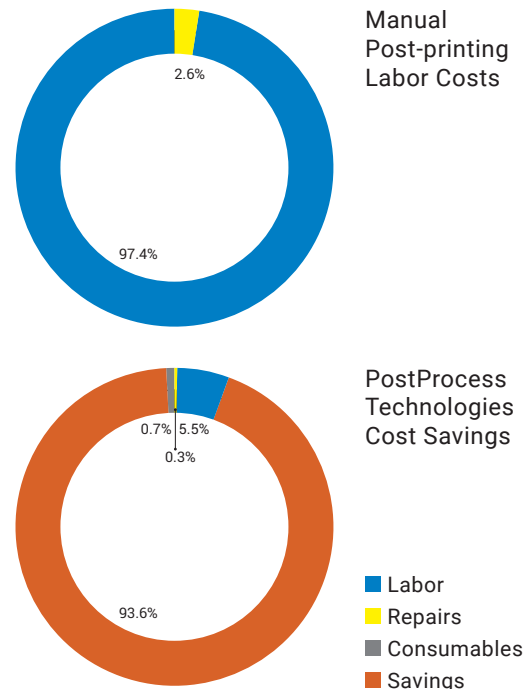
Our solution of patent-pending software, user-friendly hardware, and eco-friendly consumables work collectively to deliver exacting support removal while increasing the throughput of your production.

The PostProcess DEMI Support Removal system integrates multiple technologies. Agitated flow is essential to effectively remove supports and is done with a 'sink-float' process to rotate parts throughout the chamber. This variable motion, combined with optimal energy delivery, detergent filtration and a powerful pump delivering strong flow agitation, results in fast and uniform support removal.

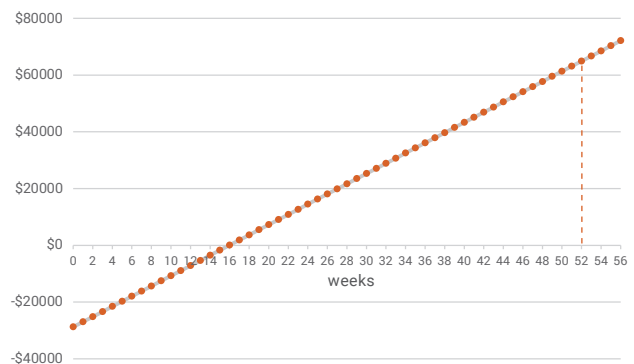
## THOUGHTFUL DESIGN.

The PostProcess DEMI system integrates a number of features for ease of use and integration into your operations, like noise reducing features for a low dBa. A fully insulated tank to keep the temperature consistent for energy efficiency, basket to remove parts from the system and harness at the top of the unit, and ergonomically friendly tank orientation are just a few of the unique PostProcess features.

## The PostProcess™ Solution: Labor and Cost Savings



## DEMI Average Investment Payback is 16 weeks



**After Year 1, realized savings of \$93,700 based on Productivity Savings and Initial Investment\***

*\*Productivity savings will vary depending on customer*

## **SOFTWARE FEATURES**

- Patent-pending AUTOMAT3D™ platform
- Variable temperature (70-176°F, 21-80°C)
- Programmable cycle time
- Proprietary *Agitation Algorithms*

## **HARDWARE FEATURES**

- Beckhoff digital interface
  - Customizable settings
  - Set and save programs for future runs
- Piezo-electric ultrasonics
- In-line one micron absolute filters for extended detergent life
- Stainless steel envelope
- Hinged envelope lid
- Process drain rack
- Magnetically driven pump
- Multi-configuration fixture
- Casters for easy installation

## **PRODUCT SPECIFICATIONS**

### **SIZE**

- Envelope: 18" L x 18" W x 18" H  
46 cm x 46 cm x 46 cm
- Machine footprint:
  - 34.75" L x 43.5" W x 59.75" H  
88.2 cm x 110.4 cm x 151.7 cm
- Approximate weight: 400 lbs. empty; 750 lbs. full

### **CONSUMABLES**

- Capacity: 40 Gallons (151 Liters)
- Detergent: PG1 for Polyjet  
PG1.2 for SLA, CLIP  
PG2 for FDM

### **MATERIALS AND TECHNOLOGIES**

- FDM, Polyjet, SLA, DLP, CLIP

### **SAFETY FEATURES**

- Emergency stop
- Auto power down
- Compliant with all OSHA regulations
- **CE** Compliant



## **ELECTRICAL**

### **NORTH AMERICA**

#### **120V MODEL**

- 120V, 20A, Connector: NEMA L5-20P
- Dual agitation; includes 1,000 W ultrasonics

#### **240V MODEL**

- 240V, 20A, Connector: NEMA L6-20P
- Dual agitation; includes 1,750 W ultrasonics

### **EUROPE**

#### **230 V MODEL**

- 230V, 20A, Connector: Hubbell HBL332P6W
- Dual agitation; includes 1,750 W ultrasonics

#### **POSTPROCESS TECHNOLOGIES INC.**

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