

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 DEMI Support Removal system is engineered to meet the demands of volume production while ensuring consistency of every part.

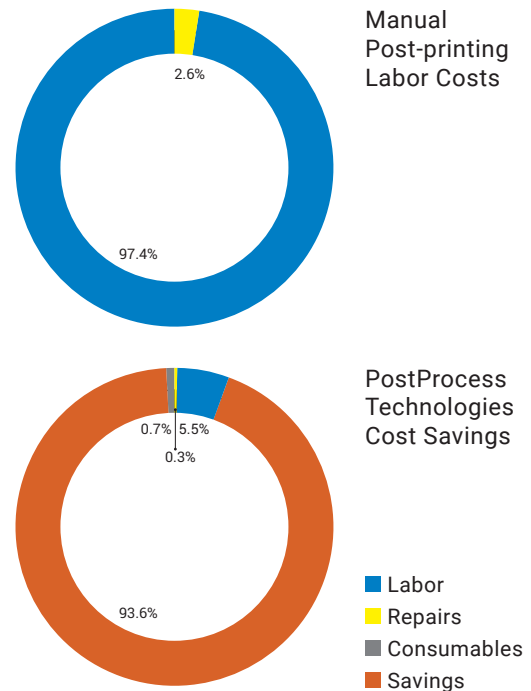
Our solution of patent-pending software, user-friendly hardware, and eco-friendly consumables works collectively to deliver exacting support removal while increasing the throughput of your production.

The 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.

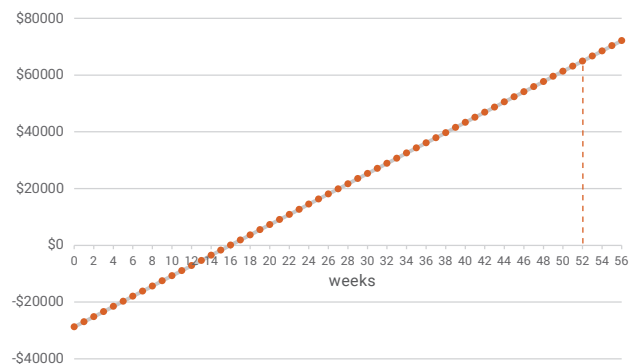
THOUGHTFUL DESIGN.

The DECI Single Process 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 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.

PostProcess Technologies 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
- Inline 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:
 - 32.5" L x 42" W x 46" H
83 cm x 107 cm x 117 cm
 - Fits through standard door

CONSUMABLES

- Capacity: 40 Gallons (151 Liters)
- Detergent: PG1 for Polyjet
PG1.1 for SLA, CLIP
PG2 for FDM

MATERIALS AND TECHNOLOGIES

- FDM, Polyjet, SLA, SLS, CLIP

SAFETY FEATURES

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



ELECTRICAL - NORTH AMERICA

MODEL 1

- 110V, single agitation
- 20A, Connector: NEMA L5-20P
- Approx. Weight: 300 lbs. empty; 650 lbs. full

MODEL 2

- 220V, single agitation
- 10A, Connector: NEMA L6-20P
- Approx. Weight: 300 lbs. empty; 650 lbs. full

MODEL 3

- 110V, dual agitation; includes 1,750 ultrasonics
- 20A, Connector: NEMA L5-20P
- Approx. Weight: 400 lbs. empty; 750 lbs. full

MODEL 4

- 220V, dual agitation; includes 1,750 ultrasonics
- 20A, Connector: NEMA L6-20P
- Approx. Weight: 400 lbs. empty; 750 lbs. full

ELECTRICAL - EUROPE

MODEL 4

- 230V, single phase, dual agitation; includes 1,750 ultrasonics
- 20A, Connector: Hubbell HBL332P6W