

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. LOW LABOR.

The DECI All Process (Support Removal, Rinsing, Drying) offers a large work envelope and delivers uniform, high-quality results for every part, regardless of geometry, with short cycle times to meet high-volume production needs.

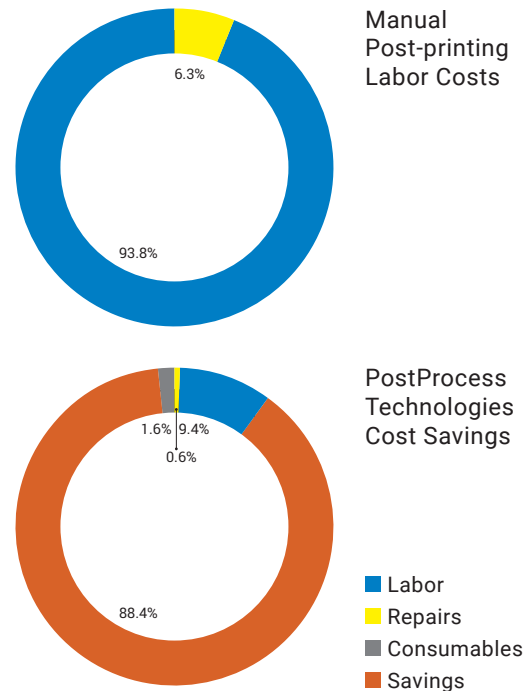
Our solution of patent-pending software, user-friendly hardware, and eco-friendly consumables works collectively to deliver exacting support removal while increasing the throughput of your production.

The DECI All Process provides delicate to robust support removal with higher throughput using spray agitation to ensure complete part coverage. By combining proprietary *Agitation Algorithms* with precisely controlled energy and exclusive detergents, the DECI delivers consistent hands-free support removal from 3D printed parts.

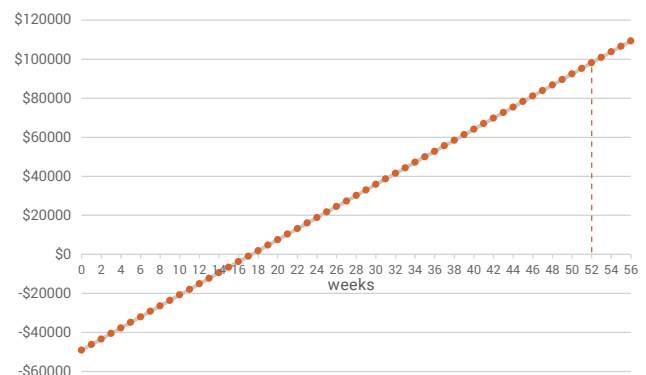
BUILT IN RINSE.

The DECI All Process comes with a built-in rinse capability to ensure detergent and residue are eliminated after the supports have been removed and a viewing window into the LED lighted chamber.

PostProcess Technologies Labor and Cost Savings



DECI All Process Average Investment Payback is 18 weeks



After Year 1, realized savings of \$147,100 based on Productivity Savings and Initial Investment*

*Productivity savings will vary depending on customer

HARDWARE FEATURES

- Stainless steel envelope
- Counter-weighted vertical sliding door
- Inline strainer
- LED Lighted chamber
- Multiple fixtures available
- Casters for easy installation
- Noise-reducing features

RESULTING IN...

- + Superior support removal
- + Evenly treated parts
- + Cycle time reduction

SOFTWARE FEATURES

- Patent-pending AUTOMAT3D™ platform
- Beckhoff™ digital interface
- Proprietary *Agitation Algorithms*
- Variable temperature (85-160°F, 29-71°C)
- Intelligent cycle times
- Customizable settings
- One-touch repeatability with recipes storage
- Preventative maintenance schedules

RESULTING IN...

- + Minimized part breakage
- + Minimal operator intervention
- + Preservation of fine-feature details

PRODUCT SPECIFICATIONS

SIZE AND WEIGHT

- Envelope: 19" L x 27.5" W x 26" H
(48 cm x 70 cm x 66 cm)
- Machine Footprint (Closed door):
– 42.25" L x 34.5" W x 84" H
(107 cm x 88 cm x 213 cm)
- Machine Footprint (Open door):
– 95.25" L x 47.5" W x 98.5" H
(243 cm x 121 cm x 250 cm)
- Approx. Weight: 700 lbs. empty, 1000 lbs. full



ELECTRICAL

US:

- Voltage: 208V 3 Phase
- Amperage: 35A
- Connector: 560P9W (IP67)

EU:

- Voltage: 400V 3 Phase
- Amperage: 30A
- Connector: 530C6W(IP67)

MATERIALS AND TECHNOLOGIES

- FDM, Polyjet, SLA, CLIP

CONSUMABLES

- Detergent: PG1C for Polyjet
PG1.1C for SLA, CLIP
PG2C for FDM
- Anti-Foaming Agent: PG7

SAFETY FEATURES

- Emergency stop
- Auto-interrupt
- Compliant with all OSHA regulations