



POSTPROCESS™
AUTOMATED. INTELLIGENT. COMPREHENSIVE.

SUPPORT REMOVAL DECI SINGLE PROCESS

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

HIGH VOLUME USE.

When throughput is essential the DECI Single Process is engineered to meet the demands of volume production while ensuring consistency of every part.

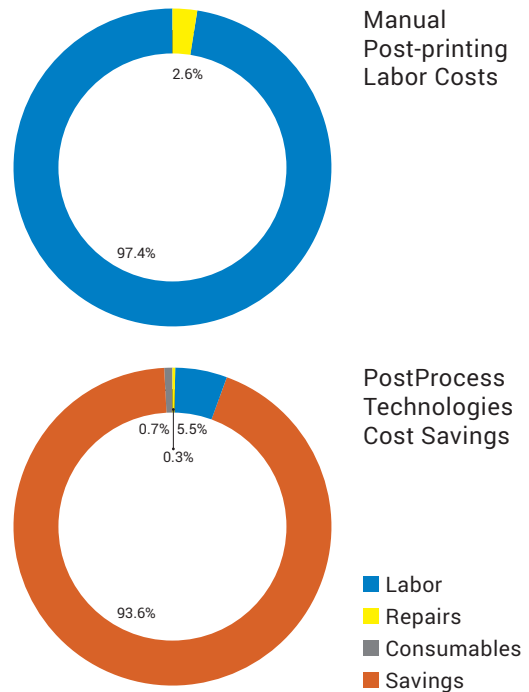
The DECI Single Process has been optimized to remove supports from the following 3D printing technologies: FDM, SLS, SLA and Polyjet.

The DECI Single Process 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 and detergent filtration, results in fast and uniform support removal.

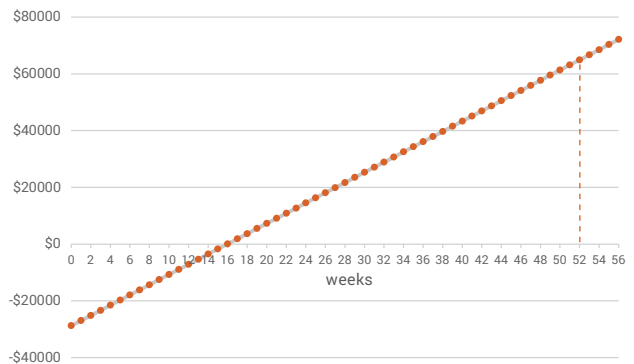
LIBRARY QUIET.

The DECI Single Process integrates noise reducing features for a low dBa ensuring that minimal additional noise is added to the production floor environment. The DECI Single Process has a fully insulated tank to keep temperature consistent for energy efficiency.

PostProcess Technologies Labor and Cost Savings



DECI Single Process 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*



PRODUCT SPECIFICATIONS

AGA™ SOFTWARE FEATURES

- Variable temperature (70-176°F)
- Programmable cycle time
- Proprietary Agitation Algorithms™

HARDWARE FEATURES

- Beckhoff™ digital interface
 - Customizable settings
 - Set and save programs for future runs
- Piezo-electric Ultrasonics (DECI 3, DECI 4)
- Inline one micron absolute filters for extended detergent life
- Stainless steel envelope
- Textured powder coated enclosure
- Hinged envelope lid
- Process drain rack
- Magnetically driven pump
- Multi-configuration fixture
- Casters for easy installation

SIZE

- Envelope: 18" W × 18" L × 18" H
- Machine Footprint:
 - 32.5" W × 37.5" L × 45" H
 - Fits through standard door

DETERGENT

- Capacity: 40 Gallons
- All PostProcess detergents

MATERIALS AND TECHNOLOGIES

- All materials
- All printing technologies

SAFETY FEATURES

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

FOUR MODELS OFFERED

DECI-1

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

DECI-2

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

DECI-3

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

DECI-4

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

