AUTOMATED. INTELLIGENT. COMPREHENSIVE.

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.
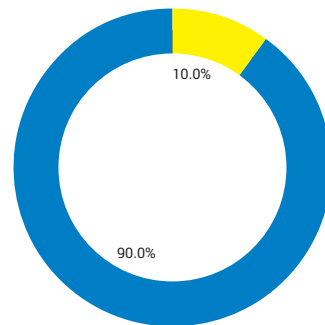
MULTI-FUNCTIONING.

With the Hybrid DECI Duo, support removal and surface finishing of 3D printed parts is automated in a single, multi-functioning system and designed with a space-saving footprint that optimizes production floor space.
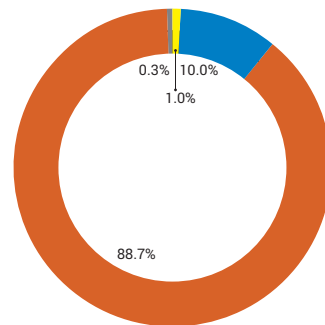
ADVANCED MATERIALS AND ENGINEERING.

The DECI Duo has been engineered for support removal and surface finishing of advanced plastics and metals including light-cured resins, high performance Ultem and superalloys. Through a combination of optimized energy, exclusive detergents, and suspended solids, the DECI Duo is guided by patent-pending Agitation Algorithms™ to remove support material and provide the desired surface finish while preserving fine-detail part geometries. The compact design also includes an LED lighted chamber.

The DECI Duo also offers the flexibility of a manual mode to allow for hands-on part finishing.

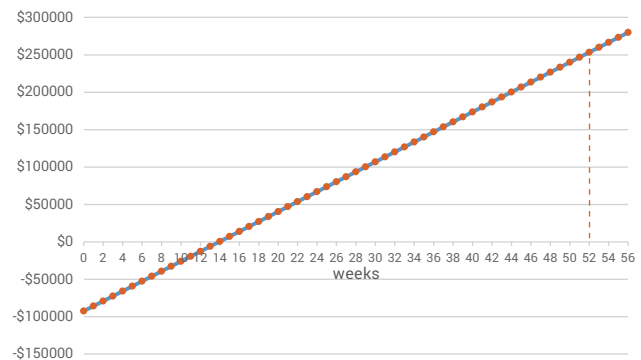### PostProcess Technologies Labor and Cost Savings

Manual Post-printing Labor Costs

10.0%

90.0%

PostProcess Technologies Cost Savings

0.3% | 10.0%
1.0%

88.7%

- ■ Labor
- ■ Repairs
- ■ Consumables
- ■ Savings

Hybrid DECI Duo Average Investment Payback is 14 weeks

weeks

After Year 1, realized savings of $345,800 based on Productivity Savings and Initial Investment*

Productivity savings will vary depending on customer

PRODUCT SPECIFICATIONS

AGA™ SOFTWARE FEATURES

- Variable temperature (100-178°F)
- Intelligent cycle times
- Proprietary Agitation Algorithms™

HARDWARE FEATURES

- Beckhoff™ digital interface
  - Customizable settings
  - Set and save programs for future runs
- Stainless steel envelope
- Textured powder coated enclosure
- Counter-weighted vertical door
- Fully insulated exterior
- Removable metal envelope to fixture nozzle for hands-free operation
- Casters for easy installation

SIZE AND WEIGHT

- Envelope: 18" W × 18" L × 18" H
- Machine Footprint (Closed door):
  - 66.8" W × 34.25" L × 80" H
  - Fits through standard door
- Machine Footprint (Open door):
  - 66.8" W × 34.25" L × 100" H
- Approx. Weight: 1,200 lbs. empty; 1,700 lbs. full

CONSUMABLES

- All PostProcess suspended solids
- All PostProcess detergents

ELECTRICAL

- 208V 3 Phase
- 60A
- Connector: 560P9W(IP67)

MATERIALS AND TECHNOLOGIES

- All materials
- All printing technologies

SAFETY FEATURES

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

We call it 'Library Quiet'

Built with noise-reducing features to ensure minimal additional noise is added to the production floor environment.