

**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.

MULTI-FUNCTIONING.

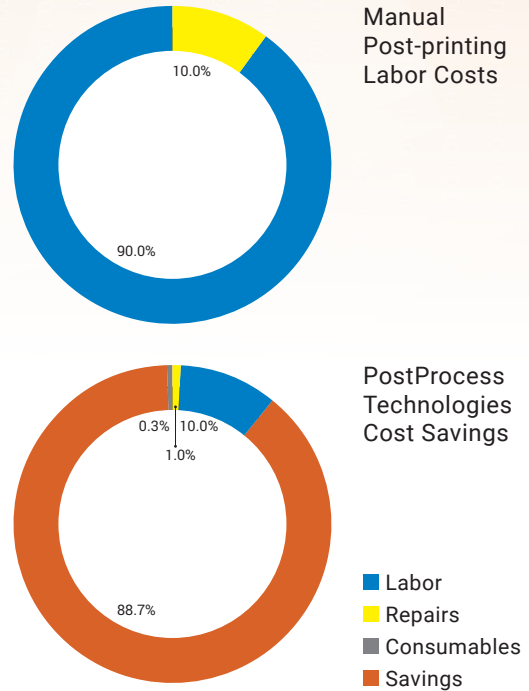
With the PostProcess™ Hybrid DECI Duo™, support removal, powder removal, and surface finishing of 3D printed parts are automated in a single, multi-functioning system and designed with a space-saving footprint that optimizes production floor space. Our solution of patent-pending software, user-friendly hardware, and additive-formulated consumables work collectively to deliver exacting support removal and surface finishing while increasing the throughput of your production.

**ADVANCED SOFTWARE FOR
ADVANCED MATERIALS.**

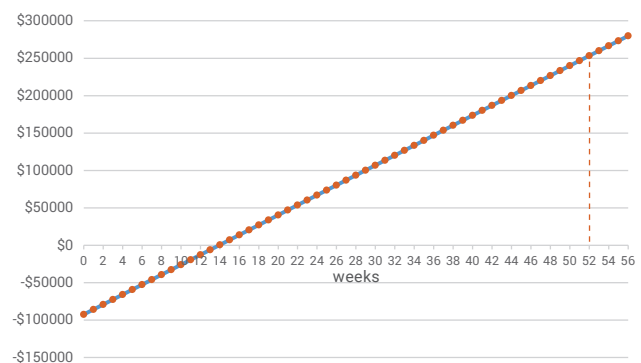
The Hybrid DECI Duo has been engineered for the most advanced 3D print materials such as resins, thermoplastics, and metals, and offer fast cycle times for even the most complex parts.

Through a combination of optimized energy, exclusive detergents, and suspended solids, the system is guided by our patent-pending Agitation Algorithms to remove support material and provide the desired surface finish while preserving fine-detail part geometries. The Hybrid DECI Duo thinks like a member of your team, monitoring and reacting in real-time to maintain optimal conditions with sophisticated features like pre-programmed preventative maintenance schedules, intelligent cycle time programming, and one-touch repeatability with recipes stored within the software.

PostProcess Technologies Labor and Cost Savings



**Hybrid DECI Duo Average Investment
Payback is 14 weeks**



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

**Productivity savings will vary depending on customer*

HARDWARE FEATURES

- Automated turntable to fixture parts to ensure held in place during operation
- Clean In Place (CIP) system - when finishing is complete, nozzles rinse parts in the same chamber
- Hinged electrical panel design allows for easy access for maintaining controls and motor
- Fully welded stainless steel chamber provides corrosion resistance and operator safety
- Pumping system with easy maintenance
- Casters for easy installation / relocation

RESULTING IN...

- + Preserving fine feature part detail
- + Fast cycle times
- + Automated finishing

SOFTWARE FEATURES

- Patent-pending AUTOMAT3D™ platform
- Proprietary Agitation Algorithms
- Variable temperature up to 130°F (54°C)
- Intelligent cycle times
- Customizable settings
- One-touch repeatability with recipes storage
- Pre-programmed preventative maintenance schedules

RESULTING IN...

- + Minimal operator intervention
- + Precision machine programming
- + Consistency and repeatability



PRODUCT SPECIFICATIONS

SIZE & WEIGHT SPECIFICATIONS

- **Envelope:**
 - Both Nozzles: 15" L x 15" W x 12" H (38 cm x 38 cm x 30.4 cm)
 - Top Nozzle Only: 15" L x 15" W x 15" H (38 cm x 38 cm x 38 cm)
- **Machine Footprint (Chamber Door Closed):** 69.5" L x 37" W x 94" H (177 cm x 94 cm x 239 cm)
- **Machine Footprint (Chamber Door Open):** 69.5" L x 67" W x 94" H (177 cm x 170 cm x 239 cm)
- **Approx. Weight:** 2180 lbs. (989 kg) empty; 2350 lbs. (1066 kg) full

ELECTRICAL SPECIFICATIONS

- Voltage: 480V 3 Phase
- Amperage: 25A
- Connector: HBLS430C7W
- **other voltage options available

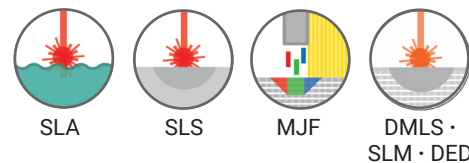
CONSUMABLES

- PG5C detergent
- ZB-CBM, MB-CBM, ZS-CBM425, AS-ALO and PS-SS suspended solids

SAFETY FEATURES

- Emergency stop
- External LED lighted chamber
- Sealed chamber with door safety lock
- Compliant with all OSHA regulations
- **CE**

MATERIALS AND TECHNOLOGIES



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