

**AUTOMATED.  
 INTELLIGENT.  
 COMPREHENSIVE.**

The patent-pending NITOR automated surface finish vibratory system is exclusively engineered for additive manufactured parts. Designed to meet the specifications for your desired Roughness Average (Ra) to achieve various types of finishes, the NITOR is ideal for all 3D printed materials. No other post-print solution integrates software, hardware, and chemistry into a complete system that removes the post-print bottleneck to enable increased time to market.

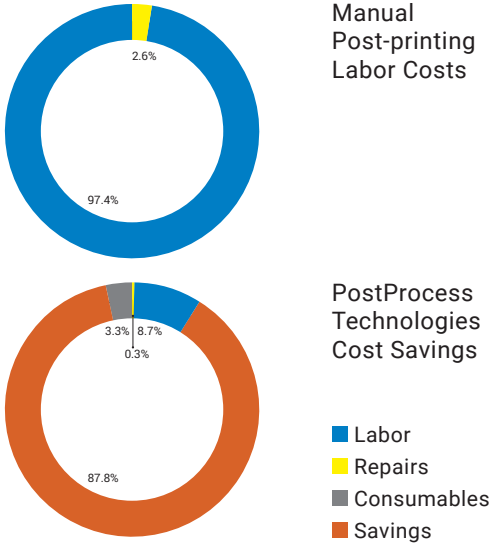
**FOCUSED ON 3D PRINTING.**

PostProcess is singularly dedicated to post-print technologies for the additive manufacturing market. The result is a forward-thinking design that increases the efficiency of your 3D printing operations. The NITOR's large working envelope can be divided to run both abrasive and polish operations simultaneously. Additionally, our proprietary media and detergents are formulated specifically for additive materials.

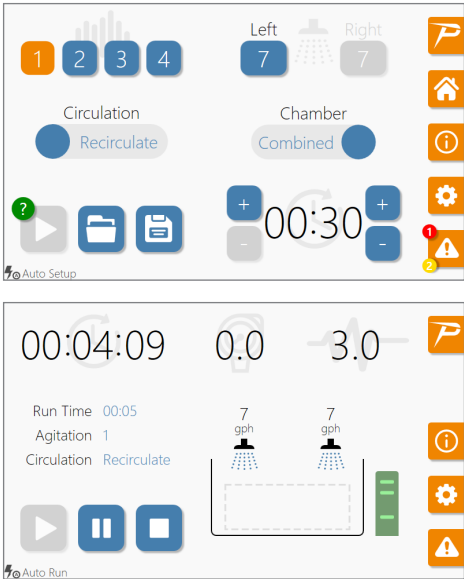
**SOFTWARE DRIVEN.**

Our AUTOMAT3D™ software, which controls our proprietary *Agitation Algorithms*, provides real-time decision making for your desired surface finish while preserving the fine-feature detail of unique geometries. Precisely controlling all variables, including heat, frequency, amplitude, and lubricity, our solution ensures less breakage. In addition, you have the capability to “set it and forget it” with recipe programming that no other system can offer.

**The PostProcess Solution: Labor and Cost Savings**



**PostProcess AUTOMAT3D™ Software**



## HARDWARE FEATURES

- Thoughtful construction - contoured back walls, corrugated side walls, urethane coated envelope, textured powder coated enclosure
- Singular tub for large parts, or divider option for dual abrasive and polish operations
- Advanced industrial controls by Beckhoff™
- High durability, low maintenance design

### RESULTING IN...

- + Superior surface finish
- + Evenly treated parts
- + Cycle time reduction

## SOFTWARE FEATURES

- Patent-pending AUTOMAT3D™ platform
- Real time decision making
- Intelligent cycle times
- Integrated diagnostics
- Variable detergent dosing
- Precise control of all variables
- Recipe programming

### RESULTING IN...

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

## PRODUCT SPECIFICATIONS

### SIZE AND WEIGHT

- Envelope: 60" L x 24" W x 20" H  
(153 cm x 61 cm x 51 cm)
- 29.5" L x 24" W x 20" H with divider (two sides)  
(75 cm x 31 cm x 51 cm)
- Machine Footprint (closed door):  
– 96" L x 42.5" W x 49.75" H  
(244 cm x 108 cm x 126 cm)
- Machine Footprint (open door):  
– 164.5" L x 72.25" W x 78.5" H  
(418 cm x 184 cm x 199 cm)
- Approx. weight: 2900 lbs. empty; 4000 lbs. full
- Volume of parts should not exceed 1/3<sup>rd</sup> of envelope

### ELECTRICAL - US

- Voltage: 3 phase, 208 V, 5-wire
- Amperage: 30A

### ELECTRICAL - EU

- Voltage: 3 phase, 400 V, 5-wire
- Amperage: 20A

### MATERIALS AND TECHNOLOGIES

- All 3D print materials
- All 3D print technologies

### CONSUMABLES

- Abrasive and polishing media
- PG3 Detergent

### SAFETY FEATURES

- Multi-position, self-supporting hinged lid
- Emergency stop
- Auto power down
- Compliant with all OSHA regulations
- **CE**



### POSTPROCESS TECHNOLOGIES INC.

2495 Main Street, Suite 615, Buffalo NY 14214 USA  
info@postprocess.com +1.866.430.5354

### POSTPROCESS TECHNOLOGIES INTERNATIONAL

535 Route des Lucioles 06560 Sophia Antipolis, France  
+33 (0)4 22 32 68 13