



BASE™

Automated FDM Support Removal Solution

The **PostProcess® BASE** Automated FDM Support Removal Solution offers a large envelope to deliver uniform, high-quality results for every part, regardless of geometry. The BASE uses Volumetric Velocity Dispersion (VVD) spray technology to provide support removal for both delicate to robust large-format parts. Combined with PostProcess AUTOMAT3D® software and custom-formulated detergents, the BASE offers a consistent, hands-free operation with intelligent cycle programming and one-touch repeatability. Get ready to transform your post-processing workflow with reduced cycle times, unmatched efficiency and top-notch results.

- **Reduced cycle times**

Get results 6-10x faster compared to traditional dunk tanks, with cycle times as short as 30 minutes!

- **Higher throughput**

Large footprint gives the ability to process large parts and batch sizes, leading to increased efficiency rates.

- **Optimal sustainability**

Uses 2-4x less energy than a common wash tank due to fast cycle times.

- **Reduced labor**

Automating the manual support removal step eliminates the need for expensive post-processing labor.

- **Minimized part breakage**

Customizable settings and lower exposure leads to less part breakage and preservation of fine-feature details, resulting in 10x less reprinting.

- **Consistent results**

AUTOMAT3D® digital platform allows for one-touch operation with recipe storage for repeatable and consistent results.

Software features:

- AUTOMAT3D® software platform
- Intelligent, hands-free cycle times
- Customizable settings
- One-touch repeatability with recipe storage
- Preventative maintenance schedules

Hardware features:

- Stainless steel envelope
- LED lighted chamber
- Multiple fixtures available
- In-line strainer
- Casters for easy installation

BASE Product Specifications

Electrical Requirements:	US 3 PH, 208 V, 50A EU 3 PH, 400 V, 25A
Envelope Capacity:	40" L x 27.5" L x 26" H (102 x 70 x 66 cm)
Consumables Used:	PLM-201-SPRAY, PLM-202-SPRAY
Machine Dimensions:	Doors Closed: 68.7" L x 40.7" W x 93.2" H (174 x 103 x 237 cm) Doors Open: 129" L x 82" W x 97" H (328 x 208 x 246 cm)
System Weight:	Empty: Approx. 1,812 lbs (822 kg) Full: Approx. 2,188 lbs (992 kg)
System Warranty:	12 months on-site service and support, as per PostProcess Technologies conditions of sale.
Environmental Requirements:	Temperature range: 15°C to 27°C (60°F to 80 °F) Relative humidity: 0% to 80%
Software:	AUTOMAT3D Windows 10
Regulatory Conformity:	CE, SGS
Features & Options:	Customizable settings with recipe storage capability / Preventative maintenance schedules / Intelligent cycle times
Safety Features:	Emergency stop / Auto-interrupt / OSHA compliant
Connectivity:	USB Port: USB 3.1 Ethernet: Fully compliant with IEE 802.3, IEEE 802.3u, IEEE 802.3ab
Material Compatibility:	Compatible with most FDM soluble support materials.
Printer Compatibility:	Compatible with most large format FDM printers.