AMT’s PostPro3D patent pending technology is a smart and automated post processing solution for thermoplastic polymer 3D Printed parts based on AMT’s proprietary BLAST process (Boundary Layer Automated Smoothing Technology).

PostPro3D achieves for the first time a surface finish that matches injection moulding techniques. This enabling technology reduces lead-time, cost of manufacture, operational and maintenance costs providing the ‘missing piece’ in the digital manufacturing chain.

Our PostPro3D machine makes part surface finishing cost and speed competitive for high volume production.

### CAPACITY
- **Chamber Dimensions, W × D × H**: 16.0” × 24.0” × 15.7” (410mm × 610mm × 400mm)
- **Nominal Chamber Temperature**: Maximum 158°F (70°C)

### DIMENSIONS
- **PostPro3D Machine**: 71.9 × 54.7 × 54.4 (1826 × 1388 × 1380)
- **Chiller Unit**: 386 × 177 (715 × 945 × 1492)
- **Extraction Unit**: 24.6 × 31.5 × 47.2 (626 × 801 × 1197)
- **Recommended Operating Space**: 236 × 177 (6000 × 4500)

### WEIGHT
- **PostPro3D Machine**: 2204 (1000)
- **Chiller Unit**: 386 (175)
- **Extraction Unit**: 320 (145)

### POWER
- **Power Supply**: 480V 60Hz 3-Phase + PE
- **Typical Power Consumption**: 12.4kW
- **Maximum Power Consumption**: 28.5kW
- **Mains Fuse Protection**: 3 x 32 A (characteristic C)

### SAFETY AND CERTIFICATION
The PostPro3D has been thoroughly tested with a number of industrial end users in the USA and Europe. PostPro3D is a CE and UL listed machine with file number - ES00100.
SAFETY FEATURES

- Closed loop system with activated carbon filters.
- 2 × front-panel-mounted e-stop buttons connected to dedicated safety relay
- Two-handed safety start function, requiring both front-panel start buttons to be pressed to operate
- Front-panel mounted anti-vandal key switch with LEDs for maintenance and diagnostics
- Uninterruptible power supply with 12Ah sealed lead-acid battery
- Detection of power cut or improper shutdown, battery charge and usage detection
- C-curve breakers for short-circuit or overload protection
- Clear indication of machine state via front-panel LEDs and luminescent PostPro3D logo
- Automatic handling of fault and emergency states with failsafe procedures and remote alarm transmission via internet connection
- 24/7 Automatic remote monitoring of machine through the 3G cellular network

DIMENSIONS
CONTACT INFORMATION

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