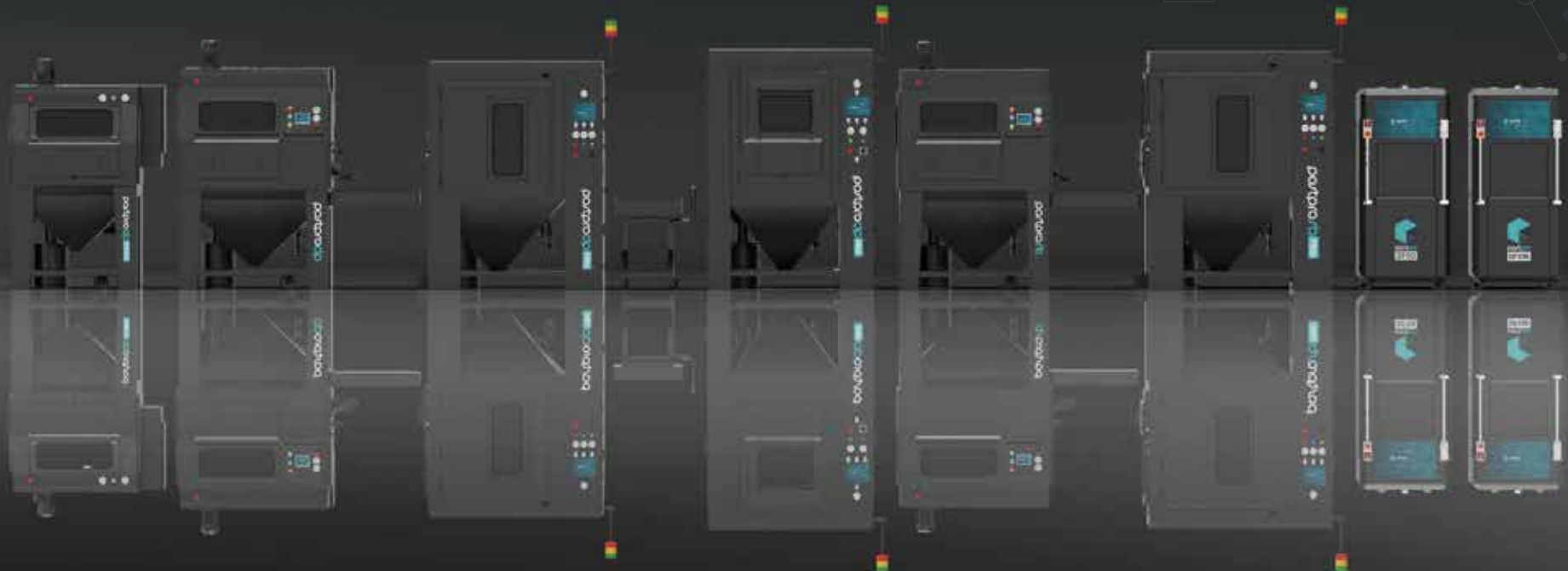




ADDITIVE MANUFACTURING TECHNOLOGIES // AMT

# AUTOMATED POST PROCESSING SOLUTIONS FOR ADDITIVE 2.0 MANUFACTURING





**AUTOMATED POST PROCESSING  
SOLUTIONS** FOR ADDITIVE 2.0  
MANUFACTURING

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## ABOUT AMT

AMT is a 3D printing technology company dedicated to unlocking 3D printing as a viable alternative to traditional manufacturing through its suite of post processing hardware.

PostPro, developed by AMT, is a digital post processing technology platform that automates the manual and costly steps associated with legacy additive 1.0 'low volume & prototyping' post processing and enables functional 'high-volume end-use parts' production from 3D printers.

PostPro allows companies to leverage the benefits of additive manufacturing at scale, by providing an order of magnitude improvement in part throughput, performance, quality, cost and safety.

AMT's technology platform currently underpins a significant proportion of the world's largest 3D printing contract manufacturing companies' part finishing operations. The systems are deployed across 30 countries in over 300 locations, and to date over 10 million parts have been processed with AMT's technology.

AMT was founded by CEO Joseph Crabtree in 2017 following his decade long experience in the traditional manufacturing industry. The company is venture backed and now has over 100 employees in the UK, Hungary, the USA, and Taiwan.



**Joseph Crabtree**  
CEO and Founder

# AMT POSTPRO ENABLES ADDITIVE 2.0

- CE and UL Certified
- Certified solutions for all industries
- No geometrical limitations
- Reproducible results
- Material & technology agnostic
- Reduces cost per part
- Automated, scalable, customizable

## CLEANING



1

2



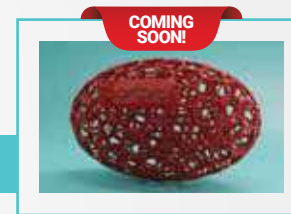
3



4



5



### UNPACKING

POSTPRO UP

### DEPOWDERING

POSTPRO DP STUDIO  
POSTPRO DP  
POSTPRO DP PRO  
POSTPRO DP MAX

### SURFACE BLASTING

POSTPRO SB  
POSTPRO SB PRO

### CHEMICAL VAPOR SMOOTHING

POSTPRO SF50  
POSTPRO SF100

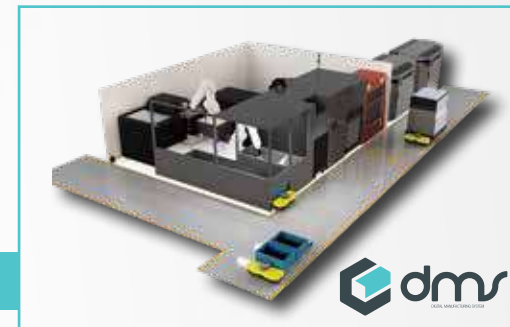
### COLORING

POSTPRO COL



6

## DIGITAL MANUFACTURING SYSTEM





# PRODUCTS

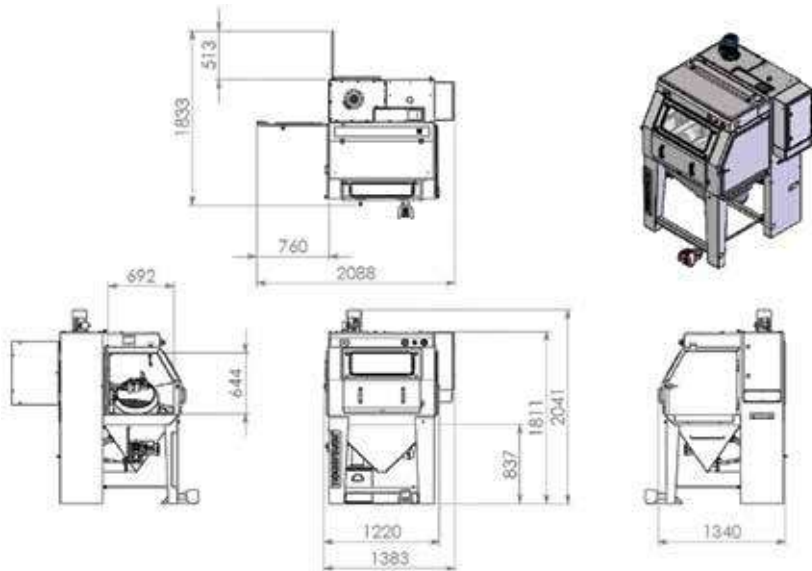


# POSTPRO DP STUDIO

COMPACT  
DEPOWDERING  
SYSTEM DESIGNED FOR  
SMALLER PART SIZES  
AND STUDIO OPERATING  
ENVIRONMENTS.



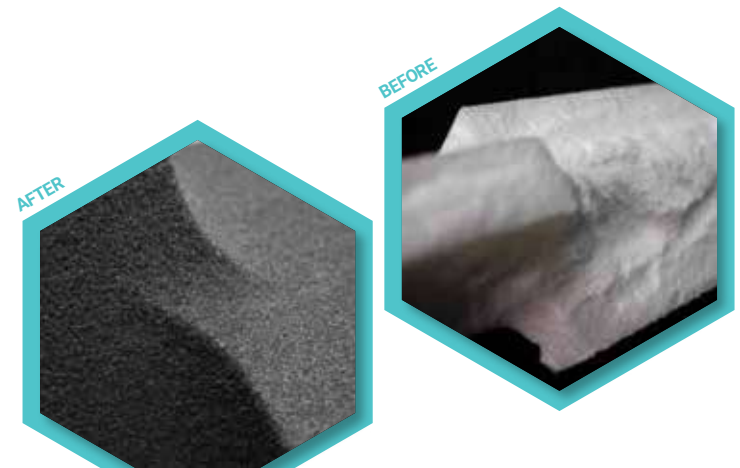
Commercially available since 2022.



## TECHNICAL SPECIFICATIONS

Description	EU	US
<b>External dimensions (w x d x h):</b>	1383 x 1340 x 2041 mm	55 x 53 x 80 in
<b>Effective blast room (w x d x h):</b>	1105 x 800 x 800 mm	43 x 31.5 x 31.5 in
<b>Working height:</b>	840 mm	33 in
<b>Door openings (w x h) (2 pieces):</b>	692 x 640 mm	27 x 25 in
<b>Basket with plastic lining and mixers:</b>		
• Dimensions	Ø450 x 210 mm	Ø17.7 x 8.27 in
• Maximum load (depends on product size and shape)	10 litre	10 liter
• Loading weight	10 kg	22 lbs
<b>View window left door (w x h):</b>	450 x 300 mm	17.7 x 11.8 in
<b>View window (w x h):</b>	656 x 266 mm	25.6 x 10.23 in
<b>Silica carbide blast nozzle:</b>	Ø8 mm	0.31 in
<b>Filter cartridges (polyester, M-class):</b>	1 filter cartridge of 4 m <sup>2</sup>	1 filter cartridge of 4 m <sup>2</sup>
<b>Capacity ventilator:</b>	600 m <sup>3</sup> /h (0,75 kW)	353 cfm
<b>ATEX classification:</b>	<b>Class II 3/-D T125°C</b>	<b>Class II 3/-D T125°</b>
<b>Dust emission:</b>	< 1,8 mg/Nm <sup>3</sup>	< 1,8 mg/Nm <sup>3</sup>
<b>Lighting:</b>	LED light 20 Watt	LED light 20 Watt
<b>Electrical connection:</b>	230V, 50 Hz.	220V, 60Hz
<b>Total power consumption:</b>	0,85 kW	0,85 kW
<b>Air consumption at 6 bar and 8 mm nozzle:</b>	60 m <sup>3</sup> /h	35.5 cfm
<b>Cabin weight (complete):</b>	ca. 430 kg	948 lbs
<b>Noise level:</b>	Low noise level due to the installed silencer (<79dB(A) at 3 bar).	

amt  
**postpro**®



# POSTPRO DP

ERGONOMIC  
DEPOWDERING  
SYSTEM FOR  
POLYMER POWDER-  
BED AM PROCESSES.

Affordable cleaning system that further reduces manual intervention in the process chain. Suitable for all common abrasives. Features include a large basket with 2 spray nozzles, ionization unit to reduce static electricity, and ventilator system with a high extraction rate to prevent windows from getting dusty. CE and ATEX certified.

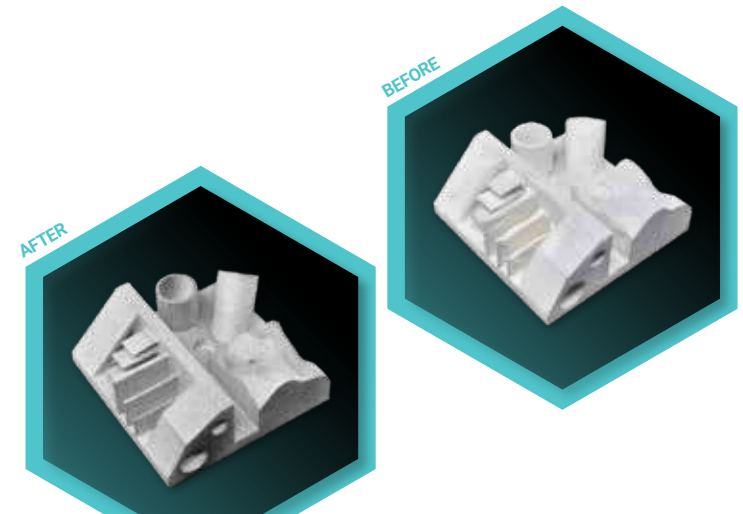
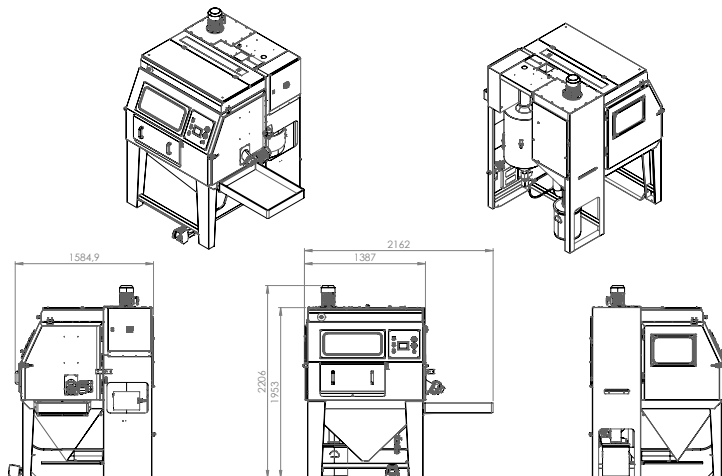
Commercially available since Q2 2020.



## TECHNICAL SPECIFICATIONS

Description	EU	US
<b>External dimensions (w x d x h):</b>	1.626 x 1.600 x 2.206 mm	64 x 63 x 87 in
<b>Effective blast room (l x w x h):</b>	1.320 x 940 x 1060 mm	52 x 37 x 42 in
<b>Working height:</b>	725 mm	28.5 in
<b>Door openings (w x h) (2 pieces)</b>	835 x 825 mm	35 x 31 in
<b>View window (w x h):</b>	656 x 266 mm	26 x 10 in
<b>Maximum load cabinet:</b>	350 kg	770 lbs
<b>Basket with lining:</b>		
• <b>Dimensions</b>	Ø 600 x 400 mm	Ø 24 x 16 in
• <b>Approx. volume (depends on size and form of products)</b>	30 liter	8 gallons
• <b>Maximum load</b>	15 kg	33 lbs
<b>Blast guns basket (2 pieces):</b>	Hardened blast guns with boron carbide nozzles (Ø 8 mm)	Hardened blast guns with boron carbide nozzles (Ø 0.3 in)
<b>Filter cartridges (polyester, M-class):</b>	2 filter cartridges of 4 m <sup>2</sup> each	2 filter cartridges of 4 m <sup>2</sup> each
<b>Capacity ventilator:</b>	800 m <sup>3</sup> /h (1,1 kW)	52cfm (1.1kW)
<b>Dust emission:</b>	< 1,8 mg/Nm <sup>3</sup>	< 1.8 mg/Nm <sup>3</sup>
<b>Atex classification:</b>	Class II 3/-D T125°C	Class II 3/-D T125°C
<b>Lighting:</b>	LED light 50 Watt	LED light 50 Watt
<b>Electrical connection:</b>	3 x 400V, 50hz, earth and zero, 16A	3 x 480V + Earth, 60Hz, 16A
<b>Total power consumption:</b>	1,3 kW	1,3 kW
<b>Pneumatic connection/pressure</b>	G 1/2" air supply hose, 6 bar	G 1/2" air supply hose, 6 bar
<b>Min. Pneumatic flow rate</b>	Minimum 2.02m <sup>3</sup> /min	Minimum 71.3 cfm
<b>Cabin weight (complete):</b>	570 kg	1,257 lbs

\*Specifications are subject to change



# POSTPRO DP PRO

AUTOMATED INDUSTRIAL DEPOWDERING SYSTEM FOR POLYMER POWDER-BED AM PROCESSES

## DEPOWDERING

- Reduces time and labor cost
- Reduces scrap rate
- Ensures repeatable results
- Primes surfaces for secondary treatments e.g. chemical smoothing
- All materials and geometries

## PRODUCTION-READY

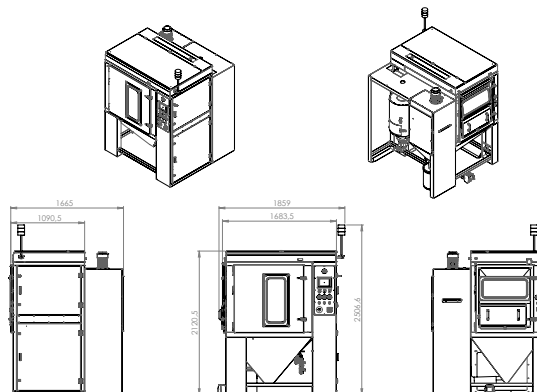
- Increases throughput: large batches in 30 minutes or less
- Stores batch settings (material, build, or part-geometry specific)
- Adjustable angle of rotation for efficiency
- Reliable air filtration design extends life of media
- Ergonomic operator-friendly design
- Easy to install, use, and low maintenance
- CE and ATEX certified

Commercially available since Q2 2020.



## TECHNICAL SPECIFICATIONS

Description	EU	US
<b>External dimensions (w x d x h):</b>	1.700 x 1.800 x 2.500 mm	67 x 71 x 98 in
<b>Front door opening:</b>	1.100 x 970 mm	44 x 39 in
<b>Manual blasting door opening:</b>	875 x 970 mm	35 x 39 in
<b>Blasting Chamber Dimensions:</b>	1287 x 1050 x 1100 mm	51 x 42 x 44 in
<b>Manual Blasting Area:</b>	420 x 1000 x 1100 mm	17 x 40 x 44 in
<b>Basket with lining:</b>		
• Dimensions	Ø 500 x 320 mm	Ø 20 x 12.5 in
• Approx. volume (depends on size and form of products)	20 liter	20 liter
• Maximum load	20 kg	44 lbs
<b>Blast guns basket (2 pieces):</b>	Hardened blast guns with boron carbide nozzles (Ø 8mm)	Hardened blast guns with boron carbide nozzles (Ø 0.3)
<b>Filter cartridges (polyester, M-class):</b>	2 filter cartridges of 4 m <sup>2</sup> each	2 filter cartridges of 4 m <sup>2</sup> each
<b>Capacity ventilator:</b>	900 m <sup>3</sup> /h (1,1 kW)	52cfm (1.1kW)
<b>Dust emission:</b>	< 1,8 mg/Nm <sup>3</sup>	< 1,8 mg/Nm <sup>3</sup>
<b>Option: HEPA filter with dust emission of:</b>	< 0,1 mg/ Nm <sup>3</sup>	< 0,1 mg/ Nm <sup>3</sup>
<b>Atex classification:</b>	class II 3/-D T125°C	class II 3/-D T125°C
<b>Lighting:</b>	LED light 50 Watt	LED light 50 Watt
<b>Electrical connection:</b>	3 x 400V, 50hz, earth and zero, 25A	3 x 480V, 60Hz earth and zero, 25A
<b>Total power consumption:</b>	3,0 kW	3,6 kW
<b>Min. Pneumatic flow rate:</b>	Minimum 2.02m <sup>3</sup> /min	Minimum 71.3 cfm
<b>Cabin weight (complete):</b>	ca. 1.000 kg	Ca. 2205 lbs
<b>Pneumatic connection/pressure:</b>	3/4 inch air supply hose, 6 bar	3/4 inch air supply hose, 6 bar





# POSTPRO DP MAX

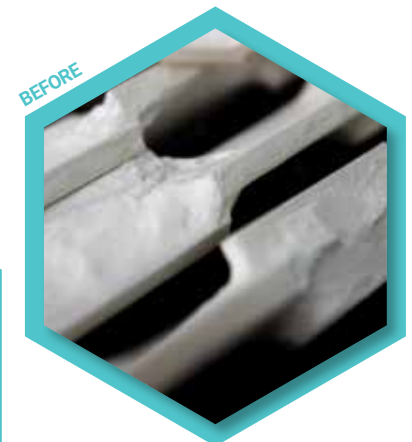
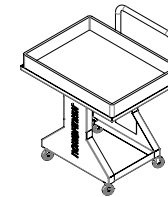
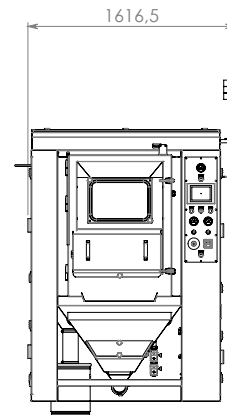
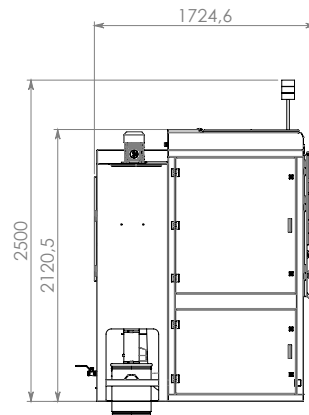
FULLY AUTOMATED INDUSTRIAL 2-IN-1 DEPOWDERING & SHOT BLASTING SYSTEM FOR MAXIMUM THROUGHPUT



## ADVANTAGES OF POSTPRO DP MAX

- Powered by continuous tumble belt technology for maximum throughput and part size flexibility.
- Designed for large parts and / or large batches of parts.
- Automated and ergonomic loading and unloading to and from the transport container.
- Processing volume of up to 63 liters.
- Moving nozzles speed up the process for maximum throughput.
- Built in cyclone for efficient dedusting and cleaning of the media.
- Compact design to reduce floor space.
- Safe and robust industrial design.
- Digitally connected to communicate with other EMS.
- Low maintenance cost.
- ATEX certified.

Commercially available since Q2 2021.



## TECHNICAL SPECIFICATIONS

Description	EU	US
<b>External Dimensions</b>	1,617 x 1,725 x 2,500 mm	64 x 68 x 99 in
<b>Front Door Opening</b>	770 x 1070mm	30 x 42 in
<b>Processing Belt - Dimensions</b>	Ø590 x 770mm	Ø23 x 30 in
<b>Processing Belt - Volume</b>	63 Liter (part dependent)	63 Liter (part dependent)
<b>Processing Belt - Maximum Load</b>	20Kg	44 lbs
<b>Blast Guns</b>	3 x Hardened blast guns with boron carbide nozzles (Ø 8 mm)	3 x Hardened blast guns with boron carbide nozzles (Ø 8 mm)
<b>Filter Cartridges</b>	2 x Polyester, M-Class, 4m <sup>2</sup>	2 x Polyester, M-Class, 4m <sup>2</sup>
<b>Ventilator Capacity</b>	800 m <sup>3</sup> /h (1,1 kW)	52 cfm (1,1 kW)
<b>Dust Emission with HEPA Filter</b>	< 0,1 mg/ Nm <sup>3</sup>	< 0,1 mg/ Nm <sup>3</sup>
<b>Dust Emission without HEPA Filter</b>	< 1,8 mg/Nm <sup>3</sup>	< 1,8 mg/Nm <sup>3</sup>
<b>ATEX Classification</b>	class II 3/-D T125°C	class II 3/-D T125°C
<b>Electrical Connection</b>	3 x 400V, 50 Hz, earth and neutral, 25A	3 x 480V, 60 Hz, earth and neutral, 25A
<b>Total Power Consumption</b>	3.0kW	3.0kW
<b>Minimum Pneumatic Flow Rate</b>	3.0m <sup>3</sup> /min	106 cfm
<b>Cabin Weight</b>	1,250Kg	2,756 lbs

# POSTPRO SB

# SURFACE BLASTING SYSTEMS

DEDICATED SURFACE  
BLASTING SYSTEMS  
DESIGNED TO BE USED  
WITH POLYBEADS.



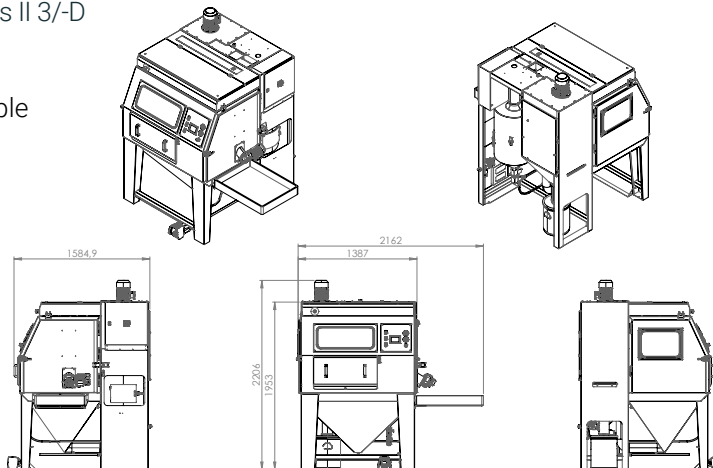
# POSTPRO SB

DEDICATED SURFACE BLASTING SYSTEM DESIGNED TO BE USED WITH POLYBEADS AND HEAVY MEDIA.



The PostPro SB is CE certified and is designed to be used in processes where the consumable media and dust generated may be combustible. ATEX certified to Class II 3/-D T125°C.

Commercially available since 2022.



## TECHNICAL SPECIFICATIONS

Description	EU	US
<b>External Dimensions (w x d x h):</b>	1,626 x 1,600 x 2,206 mm	64 x 63 x 87 in
<b>Effective Blast Room (w x d x h):</b>	1,320 x 940 x 1,060 mm	52 x 37 x 42 in
<b>Working Height:</b>	725 mm	28.5 in
<b>Door Openings (w x h) (2 pieces):</b>	835 x 825 mm	32.5 x 32.5 in
<b>View Window (w x h):</b>	656 x 266 mm	25.5 x 10.5 in
<b>Maximum Load Cabinet:</b>	350 kg	770 lbs
<b>Basket with Lining:</b>		
• Dimensions	Ø 600 x 400 mm	Ø 23.5 x 15.5 in
• Approx. Volume (depends on size and form of products)	30 liter	30 liter
• Maximum Load	15 kg	33 lbs
<b>Blast Guns Basket (2 pieces):</b>	Hardened blast guns with boron carbide nozzles (Ø 8 mm)	Hardened blast guns with boron carbide nozzles (Ø 0.3in)
<b>Filter Cartridges (polyester, M-class):</b>	2 filter cartridges of 4 m <sup>2</sup> each	2 filter cartridges of 4 m <sup>2</sup> each
<b>Capacity Ventilator:</b>	900 m <sup>3</sup> /h (1,1 kW)	52cfm (1.1kW)
<b>Dust Emission:</b>	< 1.8 mg/Nm <sup>3</sup>	< 1.8 mg/Nm <sup>3</sup>
<b>Atex Classification:</b>	Class II 3/-D T125°C	Class II 3/-D T125°C
<b>Lighting:</b>	LED light 50 Watt	LED light 50 Watt
<b>Electrical Connection:</b>	3 x 400V, 50hz, earth and zero, 16A	3 x 480V + Earth, 60Hz, 16A
<b>Total Power Consumption:</b>	1,3 kW	1.3 kW
<b>Pneumatic Connection/Pressure:</b>	G 1/2" air supply hose, 6 bar	1/2 inch air supply hose, 6 bar
<b>Cabin Weight (complete):</b>	570 kg	1,257 lbs
<b>Min. Pneumatic Flow Rate:</b>	2.02m <sup>3</sup> /min	Minimum 71.3 cfm

\*Specifications are subject to change



## POSTPRO SF PP

# PRODUCTION READY FINISHING SOLUTION FOR POLYPROPYLENE

Validated by



AM Polymers

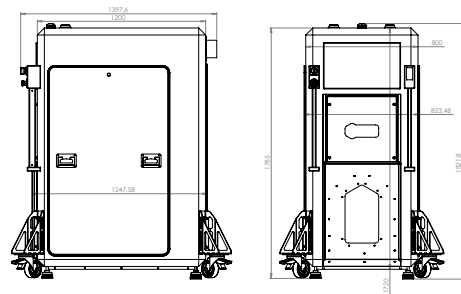


# POSTPRO SF100

PATENTED,  
AUTOMATED  
CHEMICAL VAPOR  
SMOOTHING SYSTEM  
DELIVERING END-  
USE PARTS FOR  
PRODUCTION.

The PostPro SF100 is a step up in post processing technology and includes advanced features to provide a state-of-the-art production experience. PostPro SF100 has been designed and built for production environments and high-volume throughput to enable industrial scale additive manufacturing.

Commercially available since 2021. Automatic loading & unloading add-ons available. Contact AMT for more information.



## TECHNICAL SPECIFICATIONS

Description	EU	US
<b>External Dimensions (WDH)</b>	830 x 1400 x 1830 mm	33 x 55.5 x 72 in
<b>Weight</b>	850 Kg	1,875 lbs
<b>Recommended Operating Area</b>	2,350 x 3,200 mm	92.5 x 126 in
<b>Capacity</b>		
<b>Process Chamber Dimensions (WDH)</b>	400 x 600 x 400 mm	15.7 x 23.6 x 15.7 in
<b>Process Chamber Volume</b>	96 Litres	96 Litres
<b>Consumable Canister Volume</b>	10 Litres	10 Litres
<b>Power</b>		
<b>Three Phase</b>	300 - 400V, 50/60Hz, (L1+L2+L3+N+PE)	300 - 400V, 50/60Hz, (L1+L2+L3+PE)

Additional electrical supplies can be accommodated via an optional internal transformer. Please contact AMT for further details.

### FEATURES INCLUDE:

- **Safety Circuit:** Light curtain and front mounted E-Stop button.
- **User Interface (HMI):** 1080p Full HD. 21.5" touch screen.
- **Consumable Management:** RFID canister recognition and fool proof connections.
- **Multiple Consumables:** Can be used with all of AMT's processing consumables.
- **Small Footprint:** Reduced footprint and working area requirements.
- **Chamber Loading:** Front loading at an ergonomic height.
- **User Access:** RFID controlled user access.
- **Industry 4.0 Ready:** Built-in capability to connect with MES/ERP systems.
- **Easy Transport:** Optional removable stabilizers for ease of movement and positioning during installation
- **Flexible Power Supply:** Optional internal transformer to suit the majority of local power supplies\*





# DIGITAL MANUFACTURING SYSTEM

## END-TO-END INTEGRATED POST PROCESSING SYSTEM FOR SERIES PRODUCTION

ENABLING PRINT TO PRODUCTION ADDITIVE MANUFACTURING

AMT's DMS is a scalable modular system that is fully automated — enabled by AI and advanced robotics — with a quality management system built in to provide a real end-to-end, fully-automated, lights-out production solution for 3D printed parts.



### TECHNICAL SPECIFICATIONS

CUSTOMIZED ON DEMAND

#### AUTOMATED LOADING/UNLOADING

Parts with different geometries can be automatically loaded/unloaded into/from the PostPro machines.

#### AUTOMATED INSPECTION

Parts are individually inspected to guarantee part quality and process repeatability.

#### AUTOMATED SORTING

Parts are sorted into bins to facilitate downstream processes.

#### DATA ACQUISITION

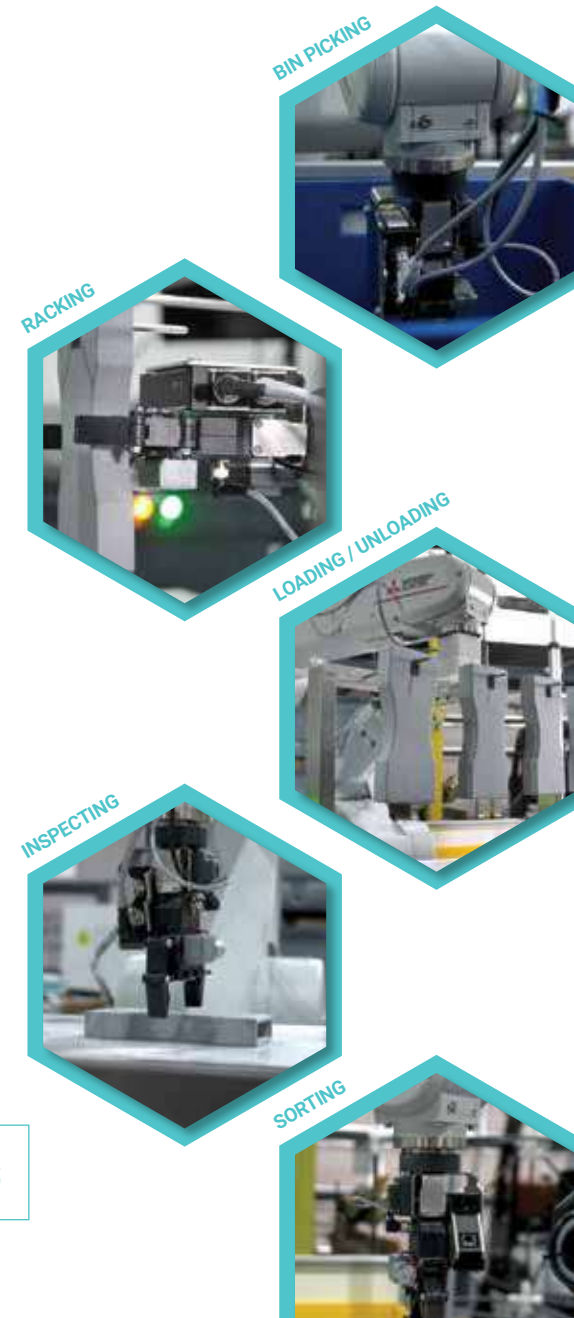
Traceable process and part parameters facilitate troubleshooting and system maintenance.

#### INTEGRATION

Industry 4.0 ready with workflow integration capability.

#### LIGHTS-OUT OPERATION

24-hour operation.



FULLY CUSTOMIZABLE TO YOUR PRODUCTION REQUIREMENTS

# amt postpro SF100

## AUTO-LOADING SYSTEM

MODULAR AUTOMATED LOADING SYSTEM TO FURTHER OPTIMIZE THE SF100 WORKFLOW. THE AUTOMATED LOADER EFFICIENTLY LOADS BATCHES OF 3D PRINTED PARTS TO AND FROM THE POSTPRO SF 100 SYSTEM, ENABLING LIGHTS-OUT, CHEMICAL VAPOR SMOOTHING FOR MASS PRODUCTION.

THE SYSTEM HAS BEEN DESIGNED WITH THE GOAL OF ALLOWING CHEMICAL VAPOR SMOOTHING OPERATIONS TO BE RUN UNATTENDED OVERNIGHT.

### FEATURES INCLUDE

**User-Configurable Behaviour:** Choose what kind of parts get loaded and when. Prioritize system throughput or consumable efficiency.

**Safety Circuit:** The system uses scanners to detect when an operator is nearby, and stops the robot from moving until they leave. The system also has an emergency stop button.

**Smart Tray Monitoring:** The system automatically recognizes any trays that are inserted, and the simple marker system allows the SF100 to select the correct recipe for each tray of parts.

**Enhanced Storage Queue:** The tray buffer holds up to 12 trays, enough for two complete SF100 cycles, or four with two buffers in the system.

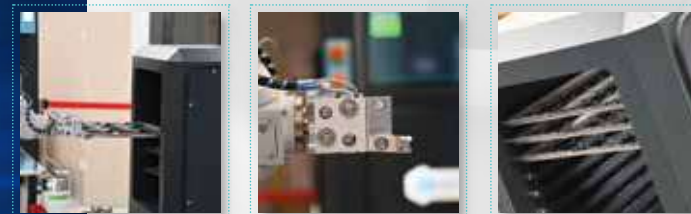
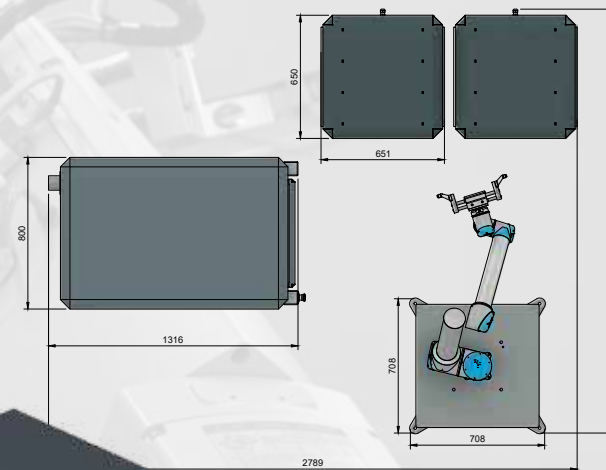
### TECHNICAL SPECIFICATIONS

Description	EU	US
<b>Dimensions</b>	3 x 2.5m	9.8 x 8.2 ft
<b>Power Supply</b>	Single-phase 240V, ~ 16A	
<b>Mass (Approx)</b>		
<b>Robot</b>	130 kg	286 lbs
<b>Robot Stand Mass</b>	80 kg	176 lbs
<b>Control Hardware</b>	20 kg	44 lbs
<b>Tray Buffers</b>	160 kg	352 lbs
<b>SF100</b>	850 kg	1,875 lbs

\*Specifications subject to change

AMT's Automated-Loader System is now available for purchase as an upgrade option with AMT's PostPro SF100.

Contact [info@amtechnologies.com](mailto:info@amtechnologies.com), or your AMT Sales Representative for more information.





# ORGANIC FINISHING AGENTS

AMT'S PORTFOLIO OF GREEN, BIO-RENEWABLE SOLVENTS WERE DESIGNED SPECIFICALLY TO FIT THE REQUIREMENTS FOR POST-PROCESSING OVER 100 THERMOPLASTIC MATERIALS.

## FINISHING AGENT PORTFOLIO

### POSTPRO PURE

PostPro Pure is a fully green, FDA-approved, chemistry that is sustainably manufactured. It is non-toxic, non-halogenated, readily biodegradable, non-marine pollutant, food grade and has no regulatory restrictions.

PostPro Pure is available for AMT's new PostPro SF systems, and will be made available to current and new customers on a case by case basis.

### FA 9202 - POLYPROPYLENE

Finishing Agent (FA) 9202 is AMT's dedicated consumable for surface finishing Polypropylene material. Compatible with AMT's PostPro SF PP technology.

**GO GREEN WITH**  
amt  
**postpro pure**

**NEW SUSTAINABLE CHEMISTRY  
FOR VAPOR SMOOTHING 3D  
PRINTED PARTS**

# PRINTER & MATERIAL AGNOSTIC DESIGNED FOR ANY INDUSTRY

## PRINTER AND MATERIAL COMPATIBILITY

Powder Bed Fusion	SLS • MJF • HSS • SAF
Extrusion	FFF • FGF • HSE
Rigid Plastics	PA6 • PA11 • PA12 • ABS • PC • Polypropylene
Elastomers	TPU • TPE • SBC • PEBA
Composites	Glass & Carbon-filled

## POWDER BED FUSION // MJF • SLS • HSS • SAF

## EXTRUSION // FDM • FFF • HSE

3D SYSTEMS

EOS

FORMLON  
TECHNOLOGIES

hp

formlabs

vaxeljet

PRODWAYS  
TECH

PA 11

PA 12

TPU

Polypropylene



ESSENTIUM

Markforged

stratasys

Ultimaker

Desktop Metal

Roboze

PA 6

PA 12 CF

ONYX

ULTEM



## STANDARDS & QUALIFICATIONS TRACKER

TEST TYPE	INDUSTRY	TEST STANDARD	PRINT TECHNOLOGY	MATERIAL	PASS / FAIL
Skin Irritation	Medical	ISO 10993-10 (2013)	MJF	BASF Ultrasint TPU01	Pass
Skin Sensitivity	Medical	ISO 10993-10 (2013)	MJF	BASF Ultrasint TPU01	Pass
Hemolysis	Medical	ISO 10993-4	MJF	PA11	Pass
Cytotoxicity	Medical / Dental	ISO 10993-5 (2009)	MJF	PA11	Pass
Skin Irritation	Medical	ISO 10993-10 (2013)	MJF	PA11	Pass
Flammability	Automotive	FMVSS 302	MJF	PA12	Pass
Antibacterial Activity	Medical / Dental	ISO 22196 (2011)	MJF	PA12	Pass
Aquatic / Acute Toxicity	Medical	ISO 11348-3	MJF	PA12	Pass
Cytotoxicity	Medical	ISO 10993-5 (2009)	MJF	PA12	Pass
Intradermal Reactivity (Irritation)	Medical	ISO 10993-10 (2013)	MJF	PA11	Pass
Skin Irritation	Medical	ISO 10993-10 (2013)	MJF	Lubrizol TPU	Pass
Cytotoxicity	Medical	ISO 10993-5 (2009)	MJF	Lubrizol TPU	Pass
Food Contact	Industrial	DS/EN1186-01:2002, DS/EN1186-03:2002, DS/EN1186-14:	SLS	PA12	Pass
Skin Irritation	Medical	ISO 10993-10 (2013)	SLS	PA12	Pass
Cytotoxicity	Medical	ISO 10993-5 (2009)	SLS	PA12	Pass
Cytotoxicity	Medical	ISO 10993-5 (2009)	SLS	RICOH PP S5500P	Pass
Skin Sensitivity	Medical	ISO 10993-10 (2013)	SLS	PA12	Pass
Cytotoxicity	Consumer	ISO 10993-5(2009)	SLS	Covestro Addigy P3001	Pass
Irritation	Consumer	ISO 10993-10(2013)	SLS	Covestro Addigy P3001	Pass
Sensitization	Consumer	ISO 10993-10(2013)	SLS	Covestro Addigy P3001	Pass

AMT is providing this information to assist customers. It is the responsibility of each customer to determine that its particular use of AMT's post-processing is safe and technically suitable to the customer's intended applications and consistent with the relevant regulatory requirements applicable to the customer's final product. The only warranties for AMT products and services are set forth in the express warranty statements accompanying such specific products and services. Nothing herein should be construed as constituting an additional warranty. AMT shall not be liable for technical or editorial errors or omissions contained herein.



Verified by Dr. Konstantin Rybalcenko  
Global Head of R&D at AMT



# BROAD HORIZONTAL ADOPTION ACROSS MULTIPLE INDUSTRIES

## INCREASE THROUGHPUT AND LOWER COST

Our technologies generate up to a +200% return to our customers on their initial investment, when compared to manually post processing a part.

## SEALED SURFACES

3D printed parts are porous and rough. Our technologies clean, smooth, and seal the surface. This enables the ability to pass regulatory testing for end-use in various industries.

## FINISH AND ACCURACY

Our technologies reduce the surface roughness of a 3D printed part to that equivalent of an injection molded or CNC milled part. The process does not affect the dimensional stability of the part.

## IMPROVED PROPERTIES

Our technologies improve the anisotropy of the printed part, while at the same time improving elongation at break.

CONSUMER EYEWEAR



AUTOMOTIVE



DENTAL



CONSUMER FOOTWEAR



AEROSPACE



MEDICAL



FOOD INDUSTRY



ELECTRONICS



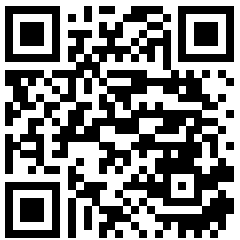
ORTHOPEDICS



# TRY POSTPRO

The best way to understand the full potential of PostPro technologies is to try it out with your own printed parts.

**Send us your 3D printed parts for complimentary benchmarking.**





# AMT'S GLOBAL PRESENCE



AMT INC  
AUSTIN, TX  
UNITED STATES

AMT LTD  
SHEFFIELD  
UNITED KINGDOM

SALES OFFICE  
TAIPEI  
TAIWAN

AMT KFT.  
VESZPRÉM  
HUNGARY

300+  
INSTALLS IN  
30 COUNTRIES

## AUTHORIZED RESELLERS

**3D PRINTING CORPORATION**  
JAPAN

**CALIBER 3D PRINTING SOLUTIONS**  
ISRAEL

**EVOK3D**  
AUSTRALIA & NEW ZEALAND

**INTEGART**  
POLAND

**NUOVAMACUT**  
ITALY

**SLS3D**  
GERMANY

**TEKNODIZAYN**  
TURKEY

**3D SYSTEMS**  
GLOBAL

**CIMQUEST**  
NEW JERSEY

**GRUPO SOLITIUM**  
SPAIN

**KAUT-BULLINGER GMBH**  
GERMANY

**ORFIN HIGH-TECH**  
CHINA

**STEINER 3D**  
SWITZERLAND

**VARINEX**  
HUNGARY

**ADDITIVE-X**  
UNITED KINGDOM

**DESIGN FUSION**  
CANADA

**HAWK RIDGE SYSTEMS**  
CALIFORNIA

**LEERING HENGELO**  
NETHERLANDS

**RP AMERICA**  
IOWA

**TAMSPARK**  
FINLAND & ESTONIA

**AMKOREA**  
SOUTH KOREA

**ELMEC 3D**  
ITALY

**IMPAC SYSTEMS ENGINEERING**  
TEXAS

**MASTER GRAPHICS**  
WISCONSIN

**SHIFT3D**  
MEXICO

**TPM**  
SOUTH CAROLINA

Over 10 million  
parts produced  
with **amt**  
**postpro**®

# PRODUCTION PARTNERS

**1ZU1**

AUSTRIA

**CIPRES**

GERMANY

**DANISH TECHNO-  
LOGICAL INSTITUTE**

DENMARK

**FATHOM**

WISCONSIN

**GRAPHITE AM**

UNITED KINGDOM

**JAWSTEC**

IDAHO

**OCEANZ**

NETHERLANDS

**PRINTING  
PORTAL**

UNITED KINGDOM

**RPM**

GERMANY

**VON  
ALLMEN AG**

SWITZERLAND

**3D  
VOXEL**

ITALY

**CUSTOM  
COLOR 3D**

ILLINOIS

**DI LABS**

MINNESOTA

**FI ADDITIVE**

AUSTRALIA  
& NEW ZEALAND

**HIRSH  
PROTOTYPES**

ISRAEL

**LASER MODELING  
ISRAEL**

ISRAEL

**OECHSLER**

GERMANY

**PROTOLABS**

NORTH CAROLINA &  
GERMANY

**SCULPTEO**

FRANCE

**WMS  
GMBH**

GERMANY

**ABCORP**

MASSACHUSETTS

**DAVINCI  
3D**

DENMARK

**DINSMORE INC.**

CALIFORNIA

**GKN  
FORECAST3D**

CALIFORNIA

**IMPACT  
LAB**

ISRAEL

**MATERIALISE**

BELGIUM

**ONE3D**

CZECH REPUBLIC

**PROTOTAL  
UK**

UNITED KINGDOM

**SHAPEWAYS**

NETHERLANDS

**XOMETRY**

MARYLAND & GERMANY

**AVID PRODUCT  
DEVELOPMENT**

COLORADO

**DEMGY**

FRANCE

**ERPRO  
GROUP**

FRANCE

**GOPROTO**

CALIFORNIA

**I-SOLIDS**

TEXAS

**MIDWEST  
PROTOTYPING**

WISCONSIN

**PARTS ON  
DEMAND**

NETHERLANDS

**RE3D  
TECH**

ILLINOIS

**THE TECHNOLOGY  
HOUSE**

OHIO

**ZIGGZAGG**

BELGIUM



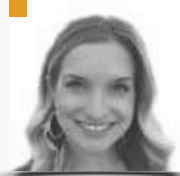


# CONTACT US for more information

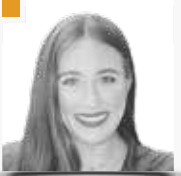
## NORTH AMERICA



**LUIS FOLGAR**  
EVP Customer  
Success  
luis@amtechnologies.com



**ALYSSA WELCH**  
Global Head of  
Marketing  
alysawelch@amtechnologies.com



**TAYLOR KROUTTER**  
Marketing and Public Relations  
Coordinator  
taylorkroutter@amtechnologies.com



**BRAD DUERMIT**  
AMER  
Market Director  
bradduermitt@amtechnologies.com



**MICHAEL DIXON**  
AMER Applications  
Engineer  
michaeldixon@amtechnologies.com

## UK & EUROPE



**JOSEPH CRABTREE**  
Founder  
& CEO  
joseph@amtechnologies.com



**GIORGIO IOANNIDES**  
Global Head  
of Sales  
giorgio@amtechnologies.com



**SAM MARTIN**  
Global Application  
Engineering Lead  
sammartin@amtechnologies.com



**MICHAL KUPIS**  
Business  
Development Manager  
michalkupis@amtechnologies.com



**GAVIN MINTON**  
Director of Commercial  
Operations  
gavin@amtechnologies.com



**MARIANA WEINGÄRTNER**  
EMEA Applications  
Engineer  
marianaweingaertner@amtechnologies.com

## APAC



**DAMSON LAI**  
APAC  
Market Director  
damsonlai@amtechnologies.com



**YING-TING GUO**  
APAC Applications  
Engineer  
yingtingguo@amtechnologies.com





ADDITIVE MANUFACTURING TECHNOLOGIES // AMT

# **AUTOMATED POST PROCESSING SOLUTIONS FOR ADDITIVE 2.0 MANUFACTURING**

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