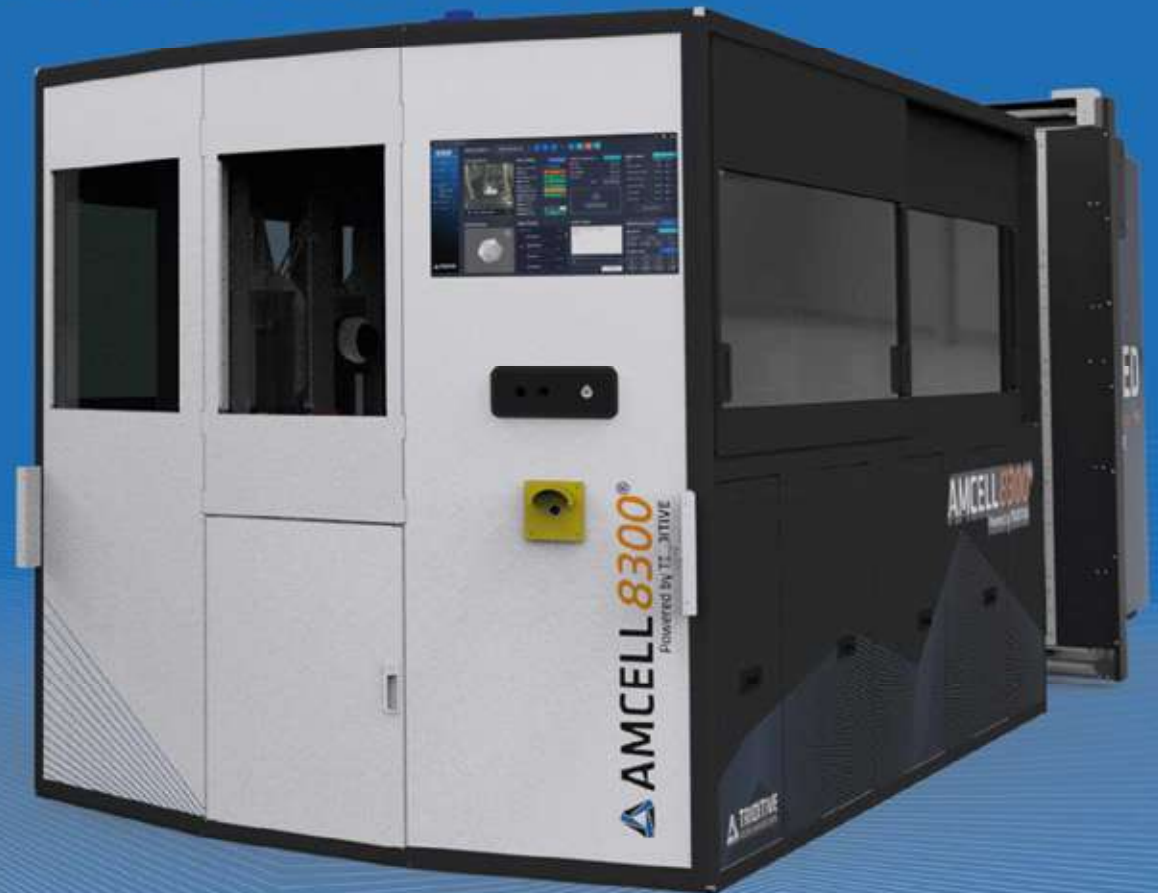




TRIDITIVE

ADDITIVE MANUFACTURING





AMCELL 8300®

AMCELL 8300® is an automated additive manufacturing cell for the mass production of high complexity and precise final parts, controlled by EVAM Software® to manage production orders, in-process control, and reduce machine downtimes.

Manufacturing orders, process monitoring, feedstock control, smart environmental control, are just some of the features that make AMCELL 8300® a real platform for mass production.

Software-controlled workflow and process monitoring

AMCELL 8300® includes EVAM Software®, the most advanced production control and remote monitoring solution.

Automatic calibration

Each printhead is automatically calibrated before each printing job to ensure the highest quality of the final part.

Automatic ejection of printed parts

The printed part is ejected to the automatic storage module and a new platform is loaded to ensure 24/7 production.

Automatic storage

Traceability and automatic storage of printed parts.

TRACED®

TRACED is an automatic storage module to keep traceability and store under safe the finished printed parts. It is integrated with EVAM Software® for factory connectivity and factory floor integration.

Scale storage capacity for Additive Manufacturing

- Each column represents a group of slots (can be increased up to 8). Each slot can hold up to 5 printing jobs.
- Tracking information such as material, order number, customer information, production date, postprocessing, and shipping details is accessible at any time through EVAM® software.



AMCELL 8300 + TRACED

Unique Sales Proposition

All in one solution

Equipment and subsystems all integrated (filtering, filament box, heating, dehumidifier) which makes it an independent equipment without the need of subsystems saving money and space.

Double motor extruder system

Allows the use of bigger spools increasing the working autonomy. In materials that are difficult to handle, it is possible to use large format spools, one motor drives the filament to the printing head and the second one feeds hotend for a perfect print.

High productivity/space ratio

The reduced dimensions and the storage in the Traced allow to obtain a high number of parts in relation to the space occupied by the machine.

Complete traceability of the printing process

Controlled and stored in Evam software using the integrated hi-res cameras in the AMCELL 8300 and TRACED.

Control of the entire life cycle of the material

Not only by drying the filament in the dMTU (dual Material Storage Unit) inside the machine during printing but drying the next spools of filament you will print, using dMTU as intermediate storage for materials, ensuring your prints will be always made with the best material.

Customization of automation parameters

All automation of the AMCELL 8300 and the TRACED is customizable to your factory requirements and adjustable to the production needs.

Open system

We provide a wide range of materials and printing platforms, tested in our AMCELL systems, but filament material is open, also the printing platforms.

Installation safety

The filtering and heating system allows the machine to be installed in almost any room.

The door locking system provides safety for the operators while maintaining stable printing conditions and part traceability. At the same time it ensures the consistency of the batches of parts.

Energy efficient

High performance heater and certified BOFA filter for AM allows for energy savings by improving the stability of the internal chamber temperature and minimizing the on/off cycle.

FDA Certified

Parts produced on AMCELL 8300 with FDA certified materials are validated for FDA use.





AMCELL 1400®

AMCELL 1400® is an industrial additive manufacturing cell to print high complexity and precise final parts.

Manufacturing orders, process monitoring, feedstock control, smart environmental control, are just some of the features that make AMCELL 1400® a robust platform for large parts production.

Robust and Reliable system

NATO AQAP – STANAG 4107 Compliant

Built for continuous operation in tough applications.

Extremely robust components.

Large format

High-performance large volume industrial 3D Printer.

Printing volume: 500x500x500 mm

Heated chamber

Unleash the potential of technical materials.

Software-controlled workflow and process monitoring

AMCELL 1400® includes EVAM Software®, the most advanced production control and remote monitoring solution.

AMCELL 1400

Unique Sales Proposition

All in one solution

Equipment and subsystems all integrated (filtering, filament box, heating) which makes it an independent equipment without the need of subsystems saving money and space.

Easy integration

Software and hardware environment can be integrated into existing manufacturing lines.

Traceability of the part throughout the complete process

By Evam software monitoring and the cameras system.

Open system

We provide a wide range of materials and printing platforms, tested in our AMCELL systems, but filament material is open, also the printing platforms.

Installation safety

The filtering and heating system allows the machine to be installed in almost any room.

The door locking system provides safety for the operator while maintaining stable printing conditions.

Efficient use of energy

High performance heater and certified BOFA filter for AM allows for energy savings by improving the stability of the internal chamber temperature and minimising the on/off cycle.

Military Grade

NATO AQAP – STANAG 4107 Compliant

Built to quality standards and requirements established for machinery to be used in military environments.



EVAM SOFTWARE®

A software platform that allows companies to **create digital inventories** and **manage on-demand production** in a simple way

- EVAM® is the fastest sourcing platform to produce parts on demand, centralize orders and optimize production.
- Triditive Software organizes and manages the workflow to ensure repeatability, traceability and productivity.
- EVAM® empowers manufacturers to create and manage digital inventories and scale production on-demand.
- Remotely control machines and factory floor.



AMCELL JET®

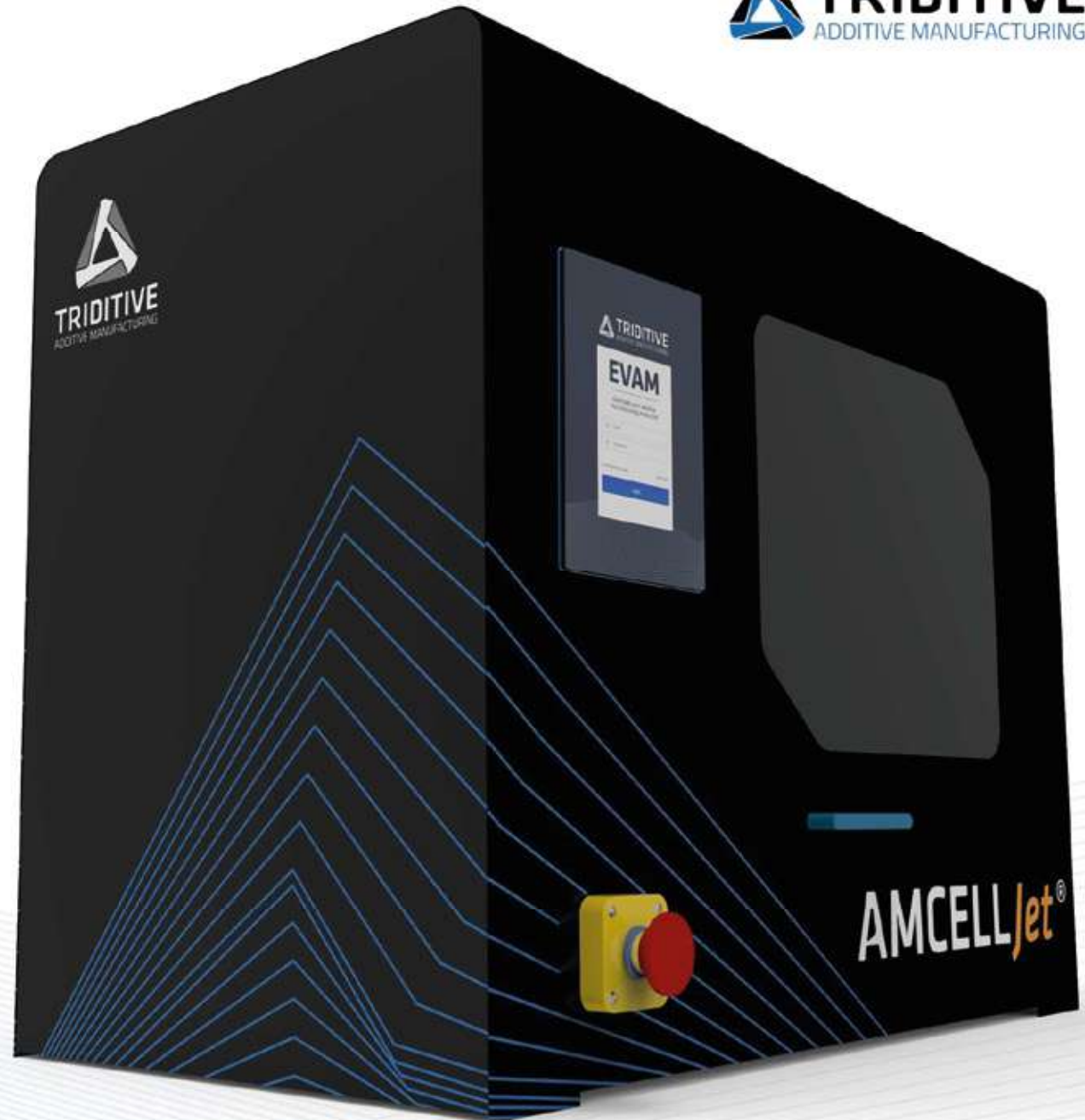
The Binder Jetting Revolutionary technology

- Cost-efficient machine
- Uses regular MIM metal powder
- Benchtop size
- Simple PRE and POST processing
- Higher final density in sintered parts

AMCELL JET uses metallic powders of stainless steels 316L or 17-4PH with water based binder developed by TRIDITIVE.

AMCELL JET provides the best results at the most competitive price.

AMCELL JET has the capability to produce high resolution metal parts for a variety of applications, from prototypes to final components in product manufacturing.





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