Addcomposites

A MATURE BRAND YOU CAN TRUST

Founders are veterans from ISRO and Hexcel, spun out of a 2016 Aalto University project. Finnish design & support, global reach: 62 systems in presence across seven regions.

PUBLIC RESEARCH PROJECTS

TOSCA (ongoing) · ORGANIC (ongoing) · CAELESTIS (concluded)

Vitrimer recyclable thermosets, bio-inspired AM, and supercomputer-powered digital twins, developed in EU consortia and fed back into the platform.

FUNDED BY THE EUROPEAN UNION

TOSCA
Manufacturing Processes and Digital Tools for more Sustainable Composite Aerostructures

organic

caelestis

CONTACT US

ADDCOMPOSITES OY · BUSINESS ID FI-28562988
SÄHKÖMIEHENTIE 4E, 02150 ESPOO, FINLAND
+358 30 550 3201
PRAVIN.LUTHADA@ADDCOMPOSITES.COM
WWW.ADDCOMPOSITES.COM

TEHTY SUOMESSA MADE IN FINLAND

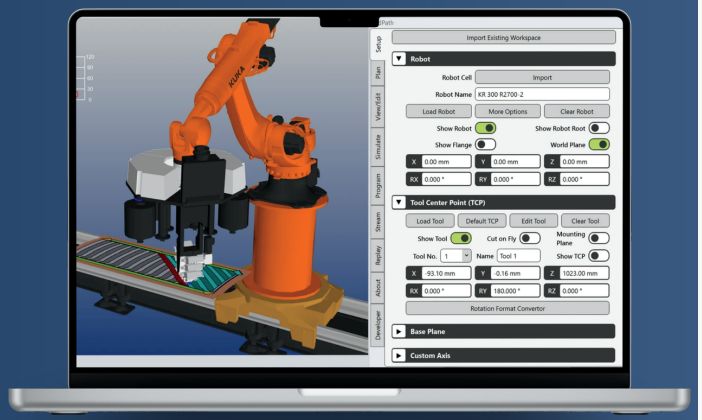
Three ways to find out more

The website, the free tools and trial license, and a direct line to talk specs.

WEBSITE | FREE TOOLS + TRIAL | CONTACTS

FREE TO START

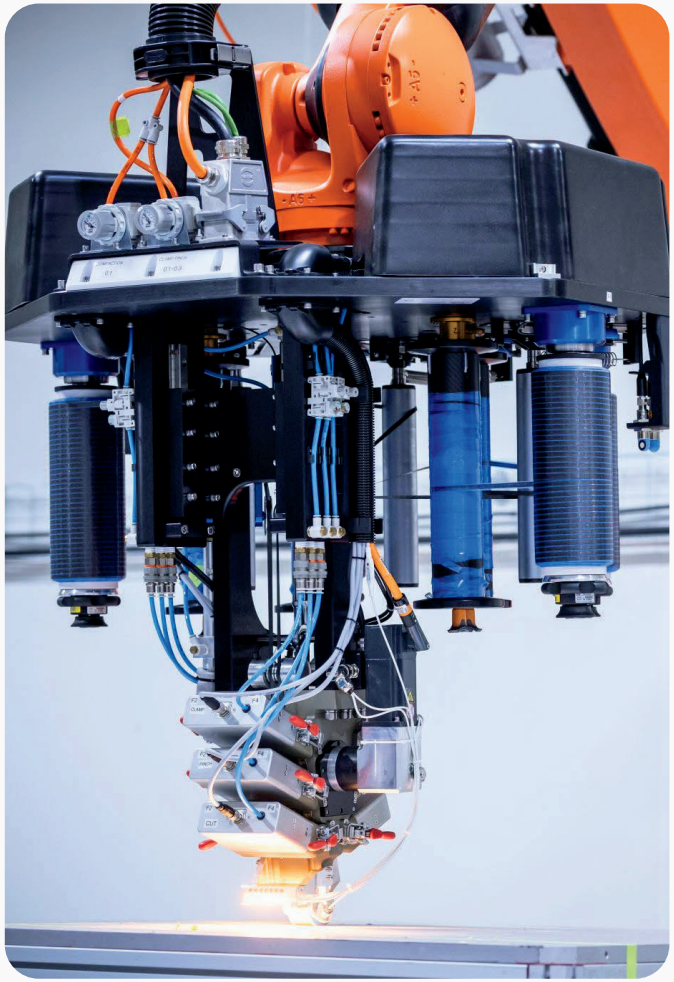
Free software suite (AddStack, AddWind, ResinFlow Sim, and others) plus an AddPath trial licence. Evaluate before you commit.
Scan "Free tools + trial".



Addcomposites

Structural Additive Manufacturing Solutions

In composites, automation is no longer a nice-to-have. It is a requirement.



WWW.ADDCOMPOSITES.COM

Not just an AFP provider.
Your partner in scaling.

Manufacturing is digitizing. Tooling iterated in days instead of months and designs validated before a single part is cut. Scaling through that shift takes more than a single system. It takes end-effectors, software, and turnkey cells built as one ecosystem, not stitched together from different vendors.

"We don't need another complex, rigid machine. We need one that fits our workflow and is operational in weeks, not months."

THE ADDCOMPOSITES ADVANTAGE

- Zero lock-in, open architecture: runs on all major robot brands.
- Modular growth: start small, scale without replacing equipment.
- Unified software: one platform for placement, printing, winding, trimming.
- Only supplier offering both AFP and continuous-fibre 3D printing.
- Turnkey end-to-end cells, virtual commissioning validation.
- Rental program to evaluate before you buy.

SECTORS SERVED

AEROSPACE | SPACE & LAUNCH | DEFENCE | EVTOL & DRONES | HYDROGEN VESSELS | MARINE | EV & AUTOMOTIVE | WIND ENERGY

One ecosystem.
Prototype to production.

Scale without changing your robot vocabulary or your software. Every head is driven by AddController across every robot.

01 **AFP-XS Lite**
entry / education, tabletop & cobot

02 **AFP-XS**
single-tow, research & pilot production

03 **ATL50**
automated tape laying, 2" tape

04 **AFP-X (4 and 8 tow)**
multi-tow production head

05 **ADDX**
polymer extrusion + continuous fiber placement

06 **AddPath 2.0**
unified path planning, digital twin

07 **AddCell, turnkey solution**
design, simulation, integration, install

ADDCONTROLLER + ROBOT COMPATIBILITY

AddController bridges any Addcomposites head to the robot: reads the robot's native program, drives the tool, integrates third-party heaters, includes the Secure Remote Maintenance System. Compatible with KUKA, ABB, FANUC, Kawasaki*, Yaskawa*; compact heads also run on collaborative and tabletop robots.

* Non-standard offerings

Scale up.
Hit delivery targets.

WING SPANS | HYDROGEN STORAGE | TAIL FINS | ACCESS PANELS | ROTOR SLEEVES

WHY NOW, AND WHY ADDCOMPOSITES

Automation in composites is now the baseline. Addcomposites is the partner that grows with you - across TRLs 5 to 9.

BY THE NUMBERS

Installed	Global presence	Growth
57 systems delivered	62 incl. confirmed orders	80% year on year
Payback	**Cost / part**	**Material**
<2 yr to realise returns	-33% per part produced	-29% consumption / part



Installations as of March 2026