

Orbital systems
Satellites
Transversal competencies

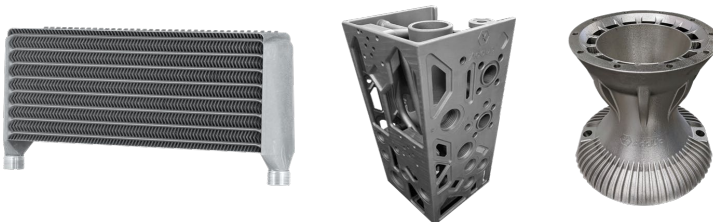


AddUp, a joint venture created by Michelin and Fives, is a global metal additive manufacturing OEM offering multi-technology production systems, including the FormUp® range of robust and open-architecture Powder Bed Fusion (PBF) machines, as well as the BeAM Modulo and Magic lines of industrial Directed Energy Deposition (DED) machines.

COMPETENCIES & CAPABILITIES

Additive manufacturing offers clear benefits to the aerospace industry including improved design, reduced weight via topological optimization, enhanced performance, and more efficient production processes. Aerospace components often require intricate and complex shapes that are difficult or impossible to achieve using traditional manufacturing methods. AM allows the creation of highly intricate structures, such as generative designs for lightweighting, that can optimize aerodynamics and thermal management.

The defense sector can face supply chain disruptions due to geopolitical issues or emergencies. AM reduces lead times by eliminating the need for some tooling and enabling on-demand production. AM also offers the unique ability to produce critical components on-site or near the point of use, reducing dependence on external suppliers.



AddUp

PRODUCTS & SERVICES

AddUp's FormUp 350 PBF range is modular and scalable to provide the highest productivity while ensuring user safety. The DED machines are designed for industrial production and equipped with in-house designed and developed nozzles to provide maximum precision and very high productivity. To provide customers with a true Industry 4.0 solution, AddUp also provides a complete monitoring solution providing quality assurances after each and every build.

In addition to the machine design and manufacturing, the AddUp group also offers part production, POC production, metal AM consulting services, AM training, and design for AM, making AddUp your one-stop for metal AM.

MAJOR SPACE PROJECTS & REFERENCES

<https://addupsolutions.com/industries/aerospace-and-defense/>

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TURNOVER NC

WORK FORCE 150 employees