

ADDITIVE MANUFACTURING FOR THE MEDICAL INDUSTRY

MAXIMIZING YOUR THROUGHPUT TO MEET DEMANDS

AddUp machines were created out of the industrial need for a better platform. We give you the reliability, compliance, traceability, and safety you need with a partner you can trust.

UNTAPPING THE POTENTIAL OF AM

\$45B

TOTAL ORTHOPEDICS MADE IN 2022

\$650M

ORTHOPEDICS MADE IN 2022 WITH ADDITIVE

31%

OF THE MARKET USED ADDITIVE IN 2022

As the need for customized medical products increases, so does the need for additive manufacturing. See the market values for the most popular applications and how our additive technology can take it to the next level.

SPINE
\$8.9B

152 SPINAL IMPLANTS IN 32 HOURS

Increase productivity and throughput with additive using 4 lasers and edge to edge build surface.

HIP
\$7.0B

32 ACETABULAR CUPS IN 12 HOURS

Use additive to print implants with minimal to no supports and post processing needs.

KNEE
\$9.8B

20 TIBIA TRAYS IN 12 HOURS

Accelerate osseointegration with fine feature surface finish only achievable with additive.

TRAUMA
\$8.9B

\$734 net savings

Increase design freedom with AM, enabling patient specific implants with improved quality of life.

Market values sourced from: Avicenne Research & Analysis 2023

ADDITIVE FOR MEDICAL

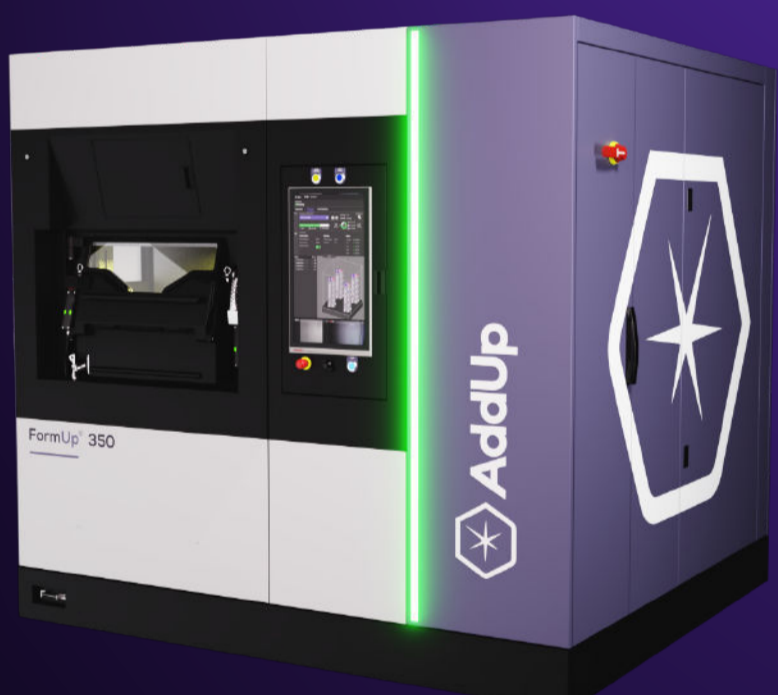
Additive Manufacturing (AM) enables the production of highly complex and customized designs that can precisely match the patient's anatomy. The addition of different lattice structures not only reduces weight but also improves and accelerates bone integration within the human body.

SIMPLIFIED PRODUCTION	NO FORM OR SURFACE LIMITS	INDIVIDUAL PERSONALIZATION	MAKE ON DEMAND

A MACHINE WITH BEST IN CLASS SURFACE FINISH

Using additive for serial production requires a repeatable and reliable platform. AddUp's FormUp 350 Powder Bed Fusion (PBF) machine does just that. Built because the needs of the industry were left unfulfilled; for productivity with an increased operational equipment efficiency (OEE) and overall lower total cost of ownership.

- 350 x 350mm full build plate
- Double the output of single laser systems
- Autonomous powder module for safety
- Reduced supports
- Open machine parameters



FINE POWDER / ROLLER COMBO

AddUp's FormUp 350 laser powder bed fusion machine is the only option on the market to use a fine powder/roller combination, resulting in a consistent, compact, silky smooth powder bed surface that is capable of printing the most detailed features.



ADDUP, YOUR TRUSTED PARTNER

AddUp was built by industry, for industry, with over 210+ years of inherited industrial manufacturing experience from Michelin and Fives. We are the partner you can truly count on at every step.

<p>AM EXPERT ENGINEERS</p> <p>Our experts work with you to develop your applications and have the experience to help you reduce your time to market.</p>	<p>ISO CERTIFIED</p> <p>CERTIFIED FACILITIES</p> <p>AddUp facilities are ISO 13485:2016 certified. We can help assist you through qualification and FDA requirements as a trusted partner.</p>	<p>AM ECOSYSTEM PARTNERS</p> <p>AddUp provides full support through every stage in additive whether you're looking for a contract manufacturer, post processor, or powder provider.</p>
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DON'T BE LEFT BEHIND AS YOUR COMPETITORS TAKE THE STEP INTO ADDITIVE MANUFACTURING

Send us a part that has complicated geometry, requires multiple manufacturing cells, or is low volume/high cost. Let us evaluate the need for AM and guide your manufacturing changes.

CONNECT WITH US

