

Treddy

3D Printing & Consulting

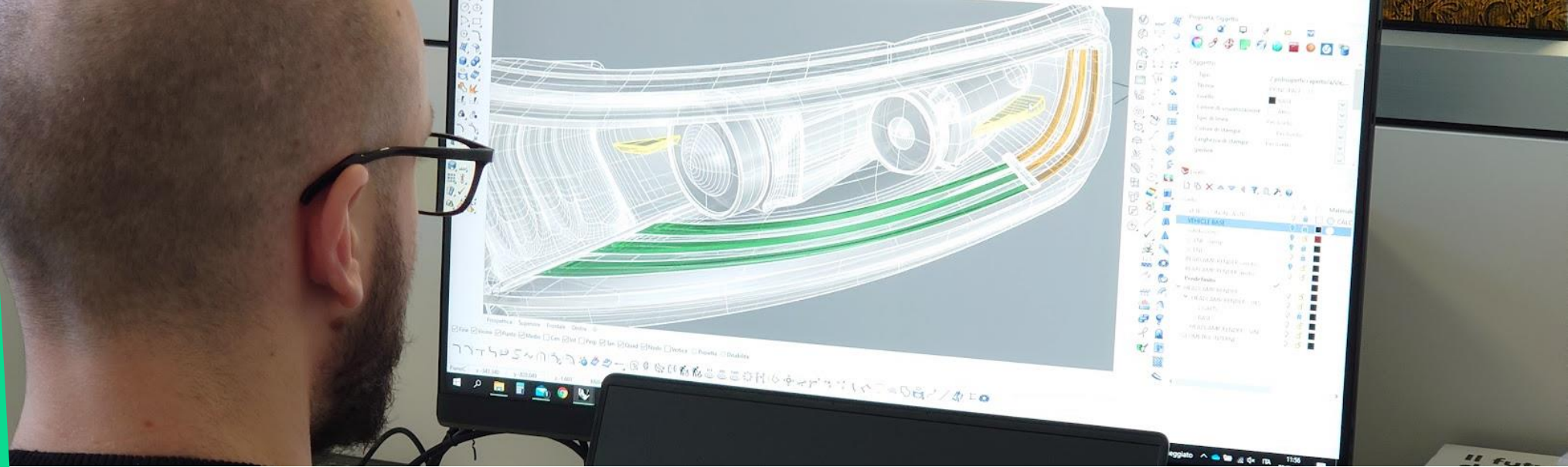


Why Treddy

Treddy was established as a **prompt response** to the everchanging demands of 4.0 industry, especially in these days of digital revolutions. Companies and individuals demand for a **new type of customer experience**, dynamic and customizable.

Riding this wake, we founded Treddy, for a tailored Additive Manufacturing, **approachable and ready to use**.

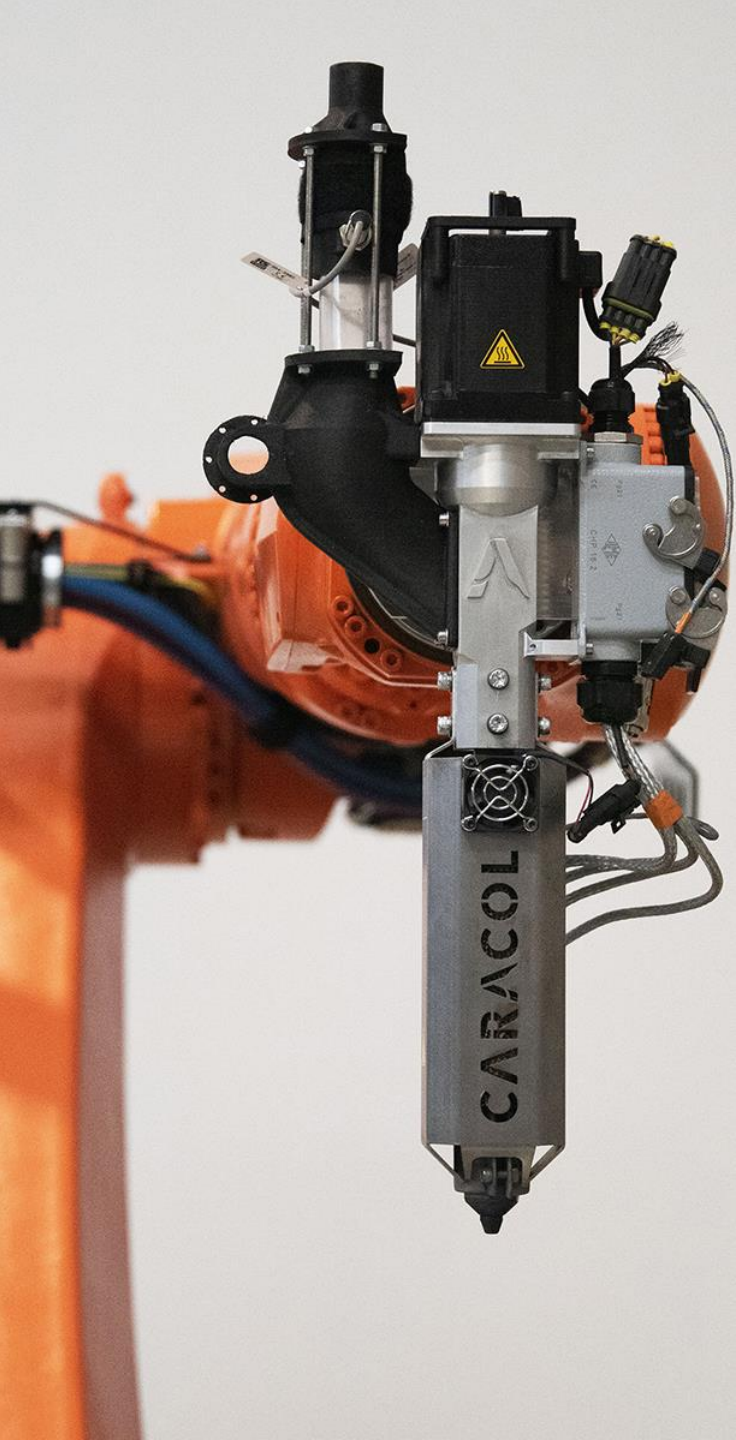




A solid reality

Today Treddy is an established reality, **an elite reference** in the **3D printing** and **3D consulting** scene. By deploying cutting edge systems and a specialized team, we are able to give shape to any idea and **sustain the production of any company**, local or international.





The **future** is here.

A dynamic reality keeps faith with its nature when it knows how to look ahead and not be satisfied with the goals it has already achieved.

This is why for us in Treddy investing in **technology and human resources** is a key factor, introducing, among other things, the LFAM (Large Format Additive Manufacturing) robotic arm into our production plants.

The expansion of our headquarters, the new **R&D team**, the personalized **consultancy** and **training** and other projects already active or foreseen immediately, will open the doors of an already clear future, which we want to anticipate together with our customers, for an advantage unrivaled competition.



We propose ourselves as a partner of all those companies that want to fully leverage all the **advantages and benefits of Additive Manufacturing** (AM), by integrating it into their business model.



Vision

Realizing ideas, bringing projects to life, solving problems through our technologies and our expertise, to change company's approach to productivity.

Reasoned production, total customization, raw materials savings, respect for the environment and full sustainability for the planet.

We want to achieve innovation and development goals with our partners and customers by revolutionizing the way things are thought and done.

Mission

Our mission is to lead companies to **rethink their workflow** in production lines, starting right from additive production, **replacing up to 70%** of traditionally made components, precisely with our additive methods. In this way, production waste will be just a memory from the past.



What do we do in **Treddy**?

We apply our know-how **in 3 simple ways**:

We answer questions
you didn't think you could ask



We find solutions
to problems you couldn't detect



We give shapes to ideas
you didn't imagine could be realised



We are here **for you.**

In Treddy the focus is **on you.**

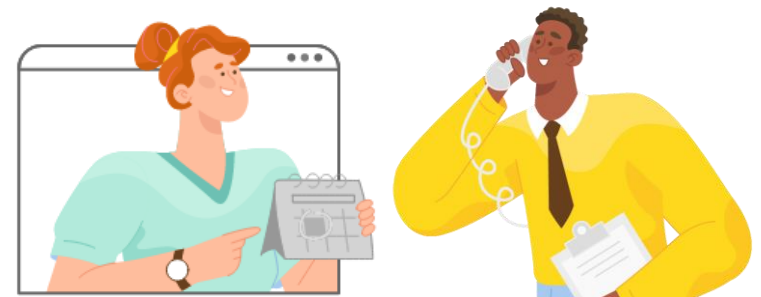
Our approach revolves entirely around the customer and their specific needs. **Direct contact, tailor-made consultancy** and **constant feedback** are our best working tools: in fact, all this allow us to create strong bonds based on trust and competence.

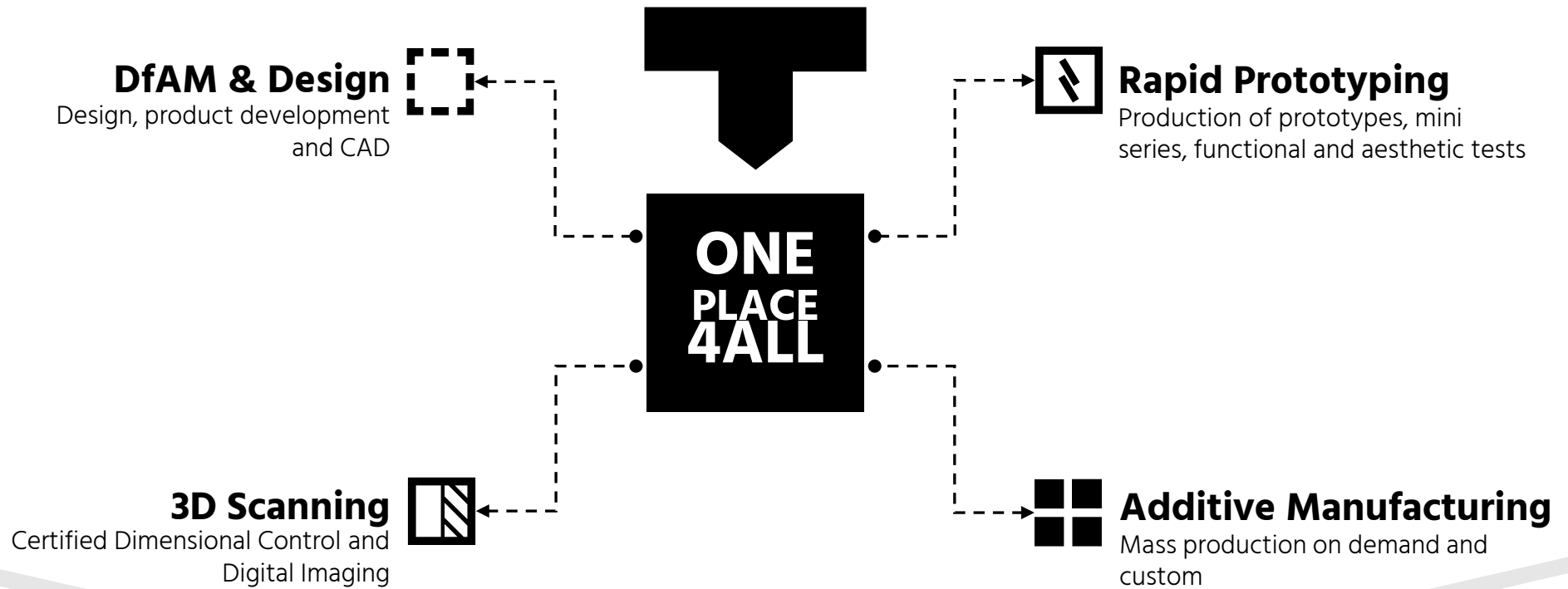
Treddy follows you **wherever you are** to assist you on-site. We provide our in-depth field experience and a complete 360° assistance service, both remotely and on site at your production plants.

AM Consulting

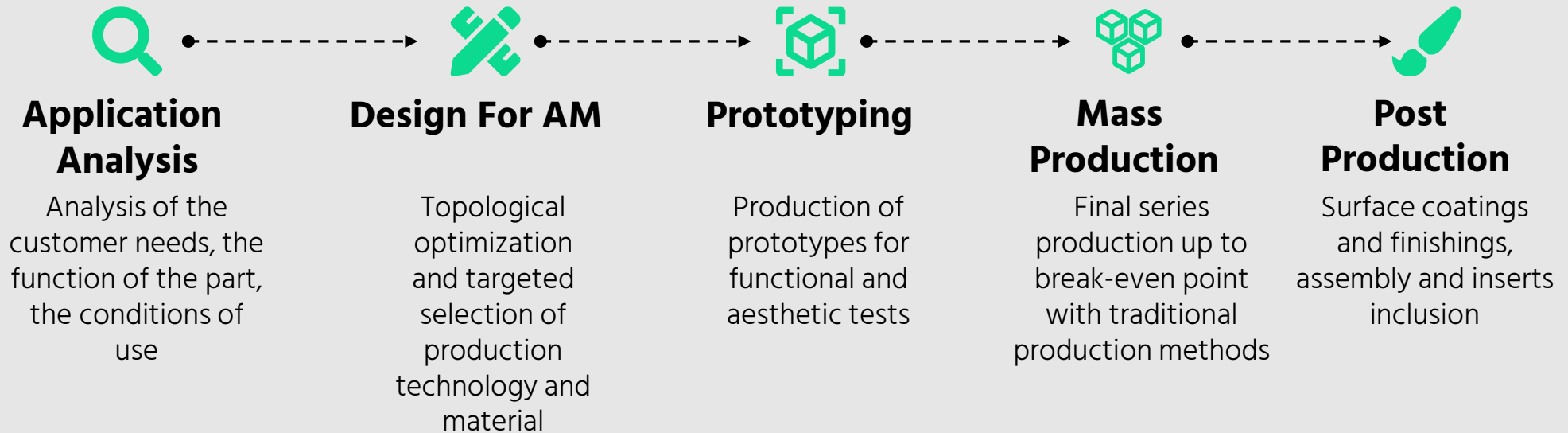


AM Business Planning





Our workflow





Which fields do we support?

Actually, no example would be able to give a complete overview of the application possibilities of our solutions, so we prefer to avoid lists that will never be exhaustive.

Treddy can support any idea, in any field or sector.

Are you ready for this **revolution?**



Cutting edge production.

Anticipating the future requires vision, preparation and investment.

We in constant listening of the market in order to evaluate the best technological choices on a daily basis to achieve excellence in performance.

For this reason, Treddy **constantly expands** the list of its production plants and materials to be used.



HP MJF & SLS

To forsake the need for the mold and **optimize production times and costs.**



FDM

To obtain superior performance in mechanical and thermal terms.



SLA & DLP

For superior aesthetic result and ultra-defined details.



LFAM

To make products on dimensional scales impossible with other technologies.



Our Additive Materials

MJF Powders

PA12
PA12 GB
PA11
PP
TPU

Filaments

PEEK
CARBON PEEK
ULTEM
CARBON PA
PP
TPU FLEX

Resins

INVICTA
THERMA
FLEXA
VITRA
FUSIA

Pellet

CUSTOM BLEND



Only **top tiers** partners.

For professional results you need professional implants.

But Treddy is still not enough: we rely only on the **best brands**, always looking for the state of the art of 3D technology. Only in this way is it possible to anticipate technological development and intercept new needs before others.

Additive Manufacturing



CARACOL

3D Scanning and Dimensional Control



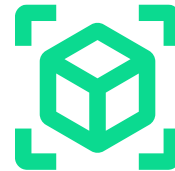
Productive Capacities

Printing Dimensions



Monolithic Pieces

Up to 12m³



Assemblies

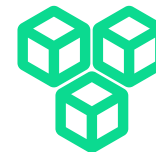
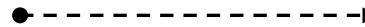
No limit

Production Volumes

(yearly)



1 piece



Up to **Break-even point**
with traditional production
methods



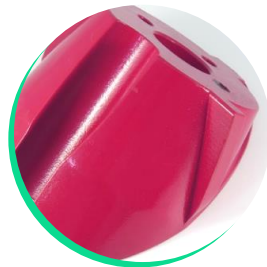
Our Finishings



Sanblasting



Tumbling



RAL Painting



Chemical
Polish



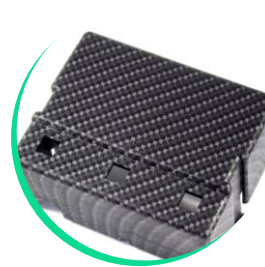
Teflon
Coating



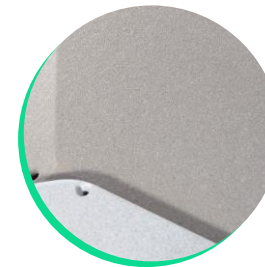
Dyeing



Chrome
Plating



Water
Dipping



Thermal
Spaying



Quality as a **core** value.

At Treddy we put quality **at the heart of our daily work**, not only by applying rigorous quality controls to each printed part, but also by applying **codified and certified procedures** according to international standards.





So then, **why** Treddy?

Because the advantages listed up to now are the result of our experience, expertise and dedication to the customer: field research, the study of the best solutions and the realization of the project are our priorities.

For Treddy, «customer-centric» means **taking on** every technical and organizational aspect on us.

For Treddy, "customer-centric" means **finding the best solutions** for him.

For Treddy "customer-centric" means **leaving him free to enjoy the benefits** without thinking about the "how".





Tailored Service

We start by **listening** to the customer to provide **tailor-made** consultancy for that real and specific need. No universal solutions good for everyone, **full focus on the request**, on the specificity of the situation.



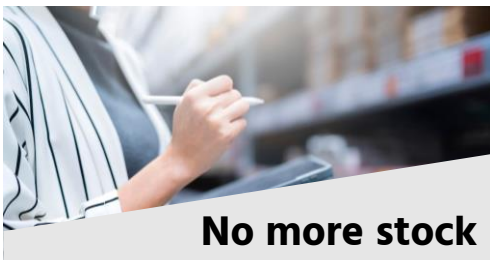
Support Team

Once the proposal has been structured, the team **will be in constant contact** with the customer, to support him in all phases, up to his full satisfaction.



Diversification

Treddy is able to set up different production lines in parallel, with **customizable and on-demand volumes**, with a flexibility and speed of response impossible to obtain in a traditional supply chain.



No more stock

Thanks to Treddy's additive manufacturing you can replace your storage warehouses with **dematerialized digital archives**, producing on-demand and just-in-time.

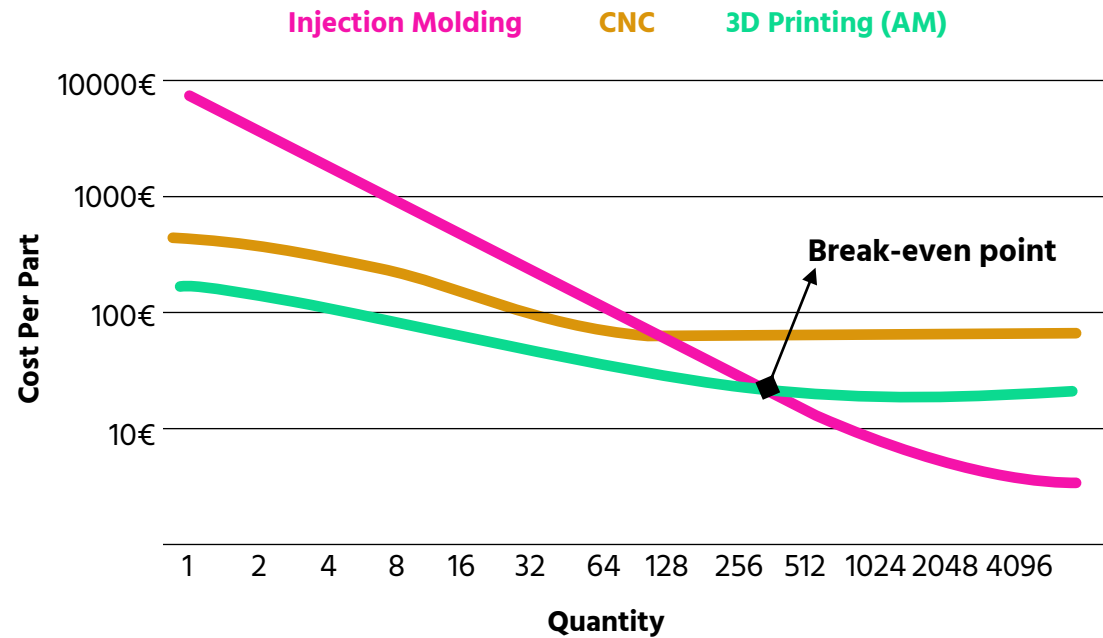


Why **Additive** Manufacturing?



Because it's competitive.

Additive Manufacturing proves to be highly competitive on medium-small production, guaranteeing **savings in production start-up costs** compared to traditional technologies.

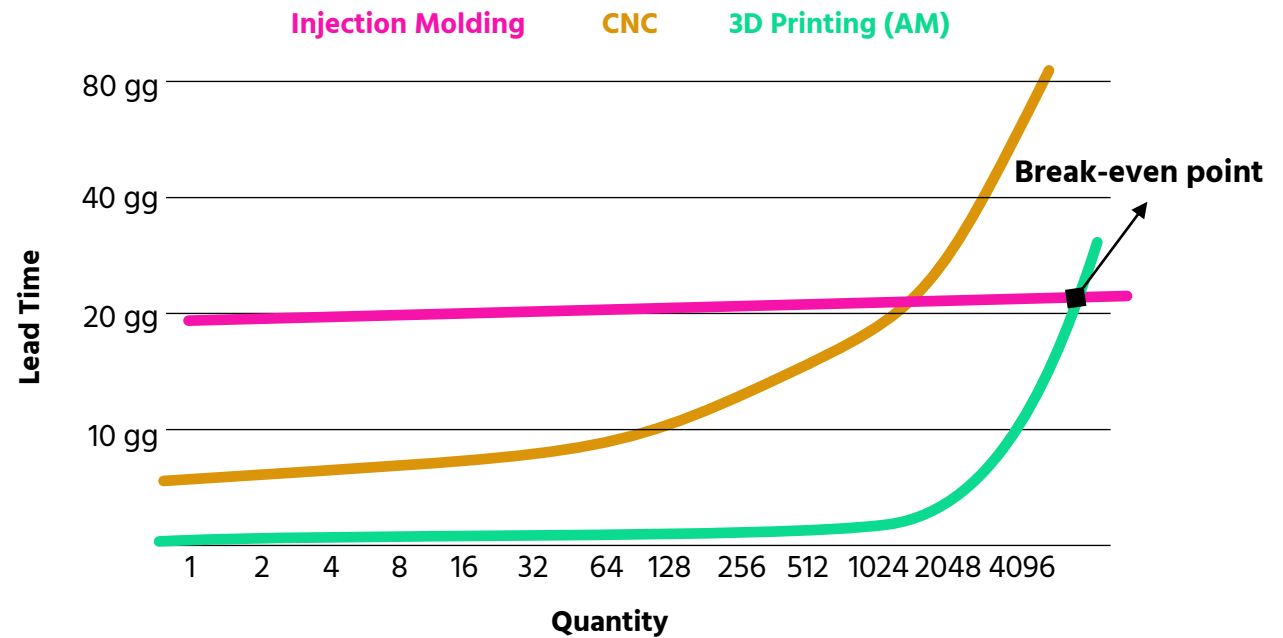


The data shown refer to the production of a drone foot with a bounding box of 146.69mm x 139.57mm x 33.00mm.



Because it's fast.

Thanks to its digital nature, Additive Manufacturing is able to meet extremely fast lead times, up to even just **24 hours** from production, resulting in a winner for urgent orders and last-minute productions.



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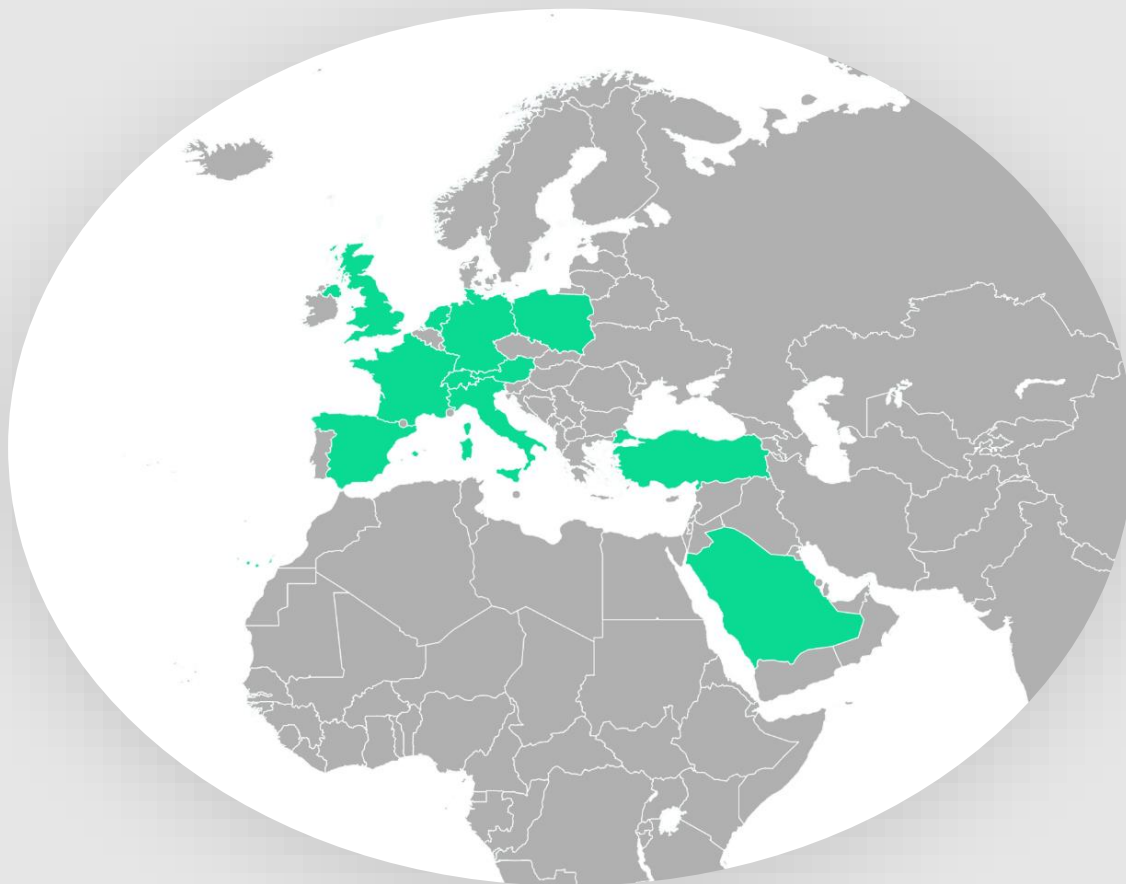


Design for Additive Manufacturing

Our design focus for the optimization of each project, **from design to final production.**

- Topology Optimization** — The material that makes up the object is completely redistributed and reorganized, resulting in total optimization
- Lattice Structures & Digital Foam** — Impossible possibilities in traditional manufacturing to fill cellular geometric structures respecting established geometric constraints
- Multiscale Structure Design** — The dimensional scales do not matter: the characteristics of resistance to forces and the flow of stresses are maintained
- Generative Design** — Optimization of organic geometries to optimize the amount of material in use and reduce weight
- Design for Mass Customization** — Easy access to parts customization even for mass production and large volumes
- Parts Consolidation** — Possibility to redesign objects, create parts or join them, always maintaining functionality and complex geometries





Treddy is **limitless.**

Our know-how and **consultancy** know no geographical limits.

Many companies have already put their trust us, both local producers and international players.



Successful collaborations

Adler Pelzer Group

AMOTEK

Aptar

Benelli



DAYCO
MOVE FORWARD. ALWAYS.™

BOSCH

DENSO

Dior



FAMECCANICA
Non stop innovation

fater

Ferrol

FIAMM

fibel GROUP

Filippi

fischer



KFI

la Pavoni
Dal 1905 passion per caffè

SM



MAGROUP



metelligroup

PILKINGTON

PLANUS

Prysmian Group



RIELLO

smeg

TEKNE

UMBRA GROUP

Valagro

Valeo



valter tosto



Where to find us



Treddy's headquarters are in **Pescara**, the industrial and economic heart of the Abruzzo region.

Via Raiale 93/A | 65128 Pescara (PE) | Italia



Meet the **team**

Professionalism, commitment, passion. These are just some of the qualities of our team. At Treddy we let the skills and potential of the individual emerge for the benefit of the customer. The strength of our group will be the **key** that will make your projects come true, **whatever they may be.**

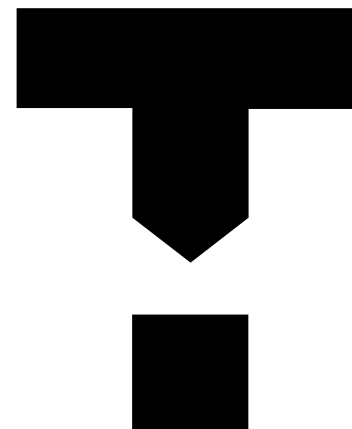


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