

# AUVYAR

Engineering Advanced Machinery

**The problem** - Developing new industrial equipment is fraught with risk. Unclear designs lead to delays, machine underperformance and budget overruns.

**We solve it** - Auvyar delivers **production-ready machine packages**. We lead the development and become your dedicated partner for machine design, providing strategic oversight, certainty and execution. Move to the workshop - right from the start.

## We specialize in

- Precision motion & Control
- Robust Structural & Safety-aware Design
- Automated System Integration
- Special-purpose equipment and processes



## Our solutions

### Full-machine Design

*From idea to manufacturing package*

We develop the concept and deliver a **fully engineered** machine, from draft and design to manufacturing.

- 3D Models, Drawings & Schematics
- Automation code & Panel design
- Complete documentation

### Mechanism & Retrofit

*For existing machines that need upgrades*

We **design and integrate** new mechanisms and toolings to enhance performance and add functionalities.

- New mechanism design
- Integration plans
- Safety & Fabrication docs

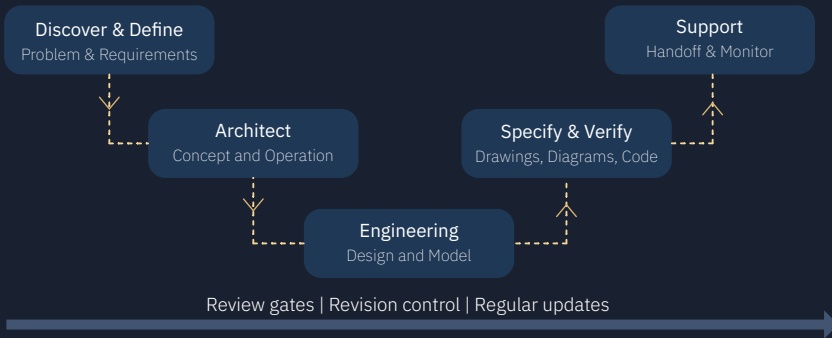
### Feasibility studies

*Validate an idea before committing*

We analyze your requirements, propose concepts, and **provide a clear path forward**.

- Technical viability
- Cost & Risk analysis
- First drafts & timeline

## How we work



## Who we work with

- OEMs & Machine Builders
- Engineering teams
- Innovators (Special machines)
- Maintenance & Retrofit teams

## Why choose Auvyar?

- Direct point of contact
- Engineered for Manufacturing
- Agile & dedicated

## Let's build your machine

Eliminate the risk and delays of machine development.

Contact us with your challenge and schedule a 30-minute call to discuss the idea, mechanism or problem.

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[www.auvyar.com](http://www.auvyar.com)



[LinkedIn](#)

Porto, Portugal

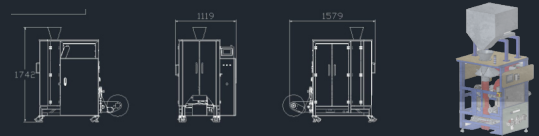
## Past Projects

### Project Echo: Automated packaging machine

*Food producer needed to automate packaging, w/o in-house machine design expertise.*

Our role: We delivered complete machine design - mechanical, electrical and controls - in 16 weeks.

Result: Provided client with a production-ready design package. Manufacturer partner successfully performed assembly and installation.



### Project Sierra: Wave energy generator

*Tech Start-up required robust retrofitting of wave energy generator for stress-testing*

Our role: We re-engineered the power transmission mechanism and optimized for manufacturability.

Result: Delivered fabrication files for a working prototype that validated the technology for funding.

