

AIDEAS

**Industrial
Equipment
Manufacturing
Suite**

Optimise your production process

DESCRIPTION

Get a more predictable and efficient production process, with better product delivery schedules and faster market reach. Streamline procurement, fabrication, and delivery plans, using smart algorithms that adapt to your plant's unique challenges.

Make informed decisions in real-time and optimise every stage from procurement to delivery with AI-driven solutions.

From procurement to delivery, these solutions enable an optimised version of your procurement, fabrication, and delivery plans, using intelligent algorithms.

These solutions help machinery manufacturers stay ahead of its competitors in terms of efficiency and speed, while also setting a new standard for planning in the machine construction industry.



MAIN BENEFITS

- Improves storage planning, control, utilisation and flexibility
- Shortens overall production time
- Improves resource purchasing
- Optimises resource utilisation
- Ensures on-time, cost-effective and environmentally friendly product delivery

SOLUTIONS INCLUDED

AIDEAS Procurement Optimiser (AIPO): Optimise your procurement plans, material purchase, inventory management, and customer delivery dates using AI.

AIDEAS Fabrication Optimiser (AIFO): Predict production, set-up times and respond in real time to machine breakdowns, last minute customer orders and raw materials delays, all through AI.

AIDEAS Delivery Optimiser (AIDO): Control your storage space, storage conditions and product transportation, all through AI.

USE CASE

Here's Multiscan, an artificial vision equipment manufacturer struggling to cope with customer requirements, reduction of bottlenecks and optimisation of industrial processes. Using the **AIDEAS Industrial Equipment Manufacturing Suite**, Multiscan has achieved remarkable results. With AI-powered toolkits, including production and scheduling algorithms, Multiscan will be able to **reduce machine manufacturing downtime by 10%** and **decrease the production loss ratio by 15%**.



Moreover, the industrial equipment manufacturing suite will enable them to **enhance resource allocation, improve procurement plans, maximise shipping container volume utilisation, decrease maintenance costs, and increase production efficiency**. This will allow the company to improve the entire production process and achieve cost-effective and eco-friendly product delivery.

LEADING DEVELOPERS



UNIVERSITÀ
POLITECNICA
DELLE MARCHE



The AIDEAS project has received funding from the European Union's Horizon Europe programme under grant agreement No 101057294.

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