



# iDeas Design

Engineering consultancy services to  
manufacturing SMEs



[www.ideas-dc.co.uk](http://www.ideas-dc.co.uk)

# Our Services

iDeas Design offer a wide range of services to manufacturing SMEs. With over 35 years experience in the manufacturing sector, we believe we are the right company to support your business when it comes to engineering consultancy.

## Consultancy

Design for Manufacture (DFM) and Design for Assembly (DFA) to reduce our clients production costs and therefore increasing profit. Through our network we can source the right manufacturing partner for you.

## Design

Mechanical design  
Design of machined, fabricated and moulded parts  
2D to 3D drawing conversion  
P&ID and HAC (Hazardous Area Classification) drawings  
Onsite and remote contract design

## Technical Writing

Technical, training and O&M manuals  
Work instructions & workflows  
Illustrated Parts Catalogues

## Site Surveys

Measuring and modeling existing infrastructure  
Producing 3D models from 2D architects plans

## Prototyping

3D printing and machined parts and assemblies



# Case Study

iDeas Design were approached by Clean Water International Ltd to help with the design and installation of a new water treatment plant for a plastics recycling company.

Working to a **very short time scale**, iDeas Design designed and produced the **manufacturing drawings** for all of the structural steel work as well as assembly models of the entire plant. Previous installations had been designed in 2D CAD, so the use of 3D Cad **streamlined the process** and **reduced any errors** on the day of installation.

iDeas Design also compiled all of the **O&M manuals** and carried out **UKCA marking** for the plant.

**“iDeas Design have worked on multiple projects for us producing full assembly models, drawings and site plans for our range of products and installations. The service and quality of work has been excellent throughout the process”.** Oliver Cooke, MD



# About iDeas Design



**Managing Director, Christian Deas**, started his engineering career as an aeronautical technician apprentice at BAe Hatfield in 1989.

After qualifying as a repair design engineer, he then worked for his parents

engineering business working his way up to Design/ Technical Sales Manager.

Over 35 years' experience in: environmental, agricultural, telecoms, special purpose machinery, food production, manufacturing, chemical and live stage production industries.

Chris started iDeas Design in 2016 and now provides engineering consultancy services to engineering SMEs in East Anglia and beyond.

**“Chris at iDeas is a pleasure to work with, friendly, able and efficient. We look forward to working together on new and existing designs into the future...”**

Jesse Carrington, MD



## **iDeas Design Consultants Ltd**

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