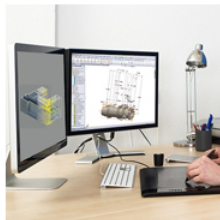


## FLATWORLD SOLUTIONS PROVIDES 3D MODELING AND 2D DRAFTING SERVICES TO A TOP US MANUFACTURER



### Client Profile - Leading Manufacturer of Heavy Fabrication Equipment

The client is based in the United States (Cleveland) and was founded more than 120 years ago. With 63 manufacturing facilities and a distribution network involving 160 countries, the client is an international leader in producing cutting, joining, and welding equipment for customers throughout the world.

### Client Requirements and Challenges - Engineering Support for Manufacturing Designs

The client needed engineering services outsourcing support for 3D modeling and 2D drafting services for new industrial components. Two key additional requirements were for expertise with PTC Creo 4.0 software and designs needed to reflect manufacturing team suggestions.

The project involved these primary challenges -

- + Drawings and models required an advanced level of precision due to brand new components
- + The client needed specialized expertise to satisfy international guidelines and standards for engineering and manufacturing

### The Solution by Flatworld Solutions

The Flatworld Solutions (FWS) drafting and 3D modeling specialists developed this solution -

- + The team included an account manager, four mechanical engineers, and a quality analyst
- + Prior to beginning the modeling and drafting tasks, the FWS team trained for three days based on briefing information provided by the client
- + Throughout the project, the team members conducted daily review sessions with the client to discuss progress and any potential difficulties
- + The project was completed successfully within one month. All drawings and 3D models were created for two heavy fabrication equipment components and delivered in PTC Creo and PDF files

### The Result - Completed Drawings and 3D Models in 30 Days Using PTC Creo

This project demonstrates the value of using engineering outsourcing support services to produce precise and time-consuming 3D models and drawings. This enables clients to obtain engineering solutions that meet global manufacturing standards without disrupting workflow for in-house employees or hiring new design staff. In this case, the Flatworld Solutions team supplied 2D drafting and 3D models within 30 days and the client was highly pleased with the final results.

FWS is an ISO-certified international provider of outsourcing services with two decades of engineering experience to help clients meet the latest global quality standards. Our team can work in your time zone - the FWS drafting and 3D modeling team operates on a 24/6 schedule that allows easy communication and quick results across multiple time zones.

If you are looking for ways to stay ahead of the competition, [contact Flatworld Solutions today](#) to discuss our cost-effective and customized strategies for 3D modeling and 2D drafting.