SIEMENS

Solid Edge

GALLEMÍ

Metallurgy specialist achieves 40 percent reduction in design time

Industry

Industrial machinery

Business Challenges

Ongoing innovation, especially in product design

Reducing concept-to-delivery time

Continuous product and engineering services improvements

Simulation of mechanical movements to detect possible interference between parts

Keys to Success

Use of Solid Edge in both the design/client advisory and the production departments

Virtual prototyping

Ability to address larger projects

Training and support from ProCUE

Results

40 percent reduction in design time

Significant cost savings

Automatic update of modifications

Substantially improved project presentations

Using Solid Edge, company delivers continuously better services and solutions and significantly reduced costs

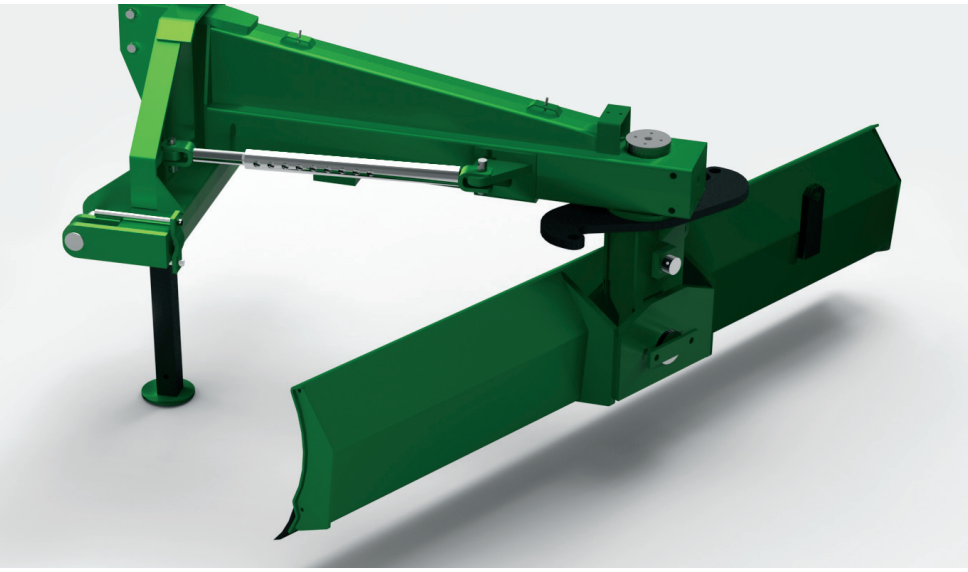
Specialist in metallurgy

GALLEMÍ SL was founded in Mataró (Barcelona) under the name A. Gallemí and eventually settled in Vilassar de Mar (Barcelona). With a 4,500 square-meter warehouse and a wide range of conventional and special equipment – shears, computer numerical control (CNC) folding machines, lasers, CNC punch presses, tube benders, homologated welders, resistance welders, etc. – GALLEMÍ is a specialist in the field of metallurgy. The company designs and builds diverse equipment: tools for public works, accessories for agricultural machinery, hospital equipment, catering equipment, and more. Specialized services include welding, cutting stamping, assembly and product engineering.

Exemplary product engineering is, in fact, one of the services that enables GALLEMÍ to stand out among its competitors. GALLEMÍ's engineers are often called upon to work closely with the research and development (R&D) departments of their customers on product improvement and innovation.

Saving time and money

GALLEMÍ uses Solid Edge® software from Siemens PLM Software for its product



Results *(continued)*

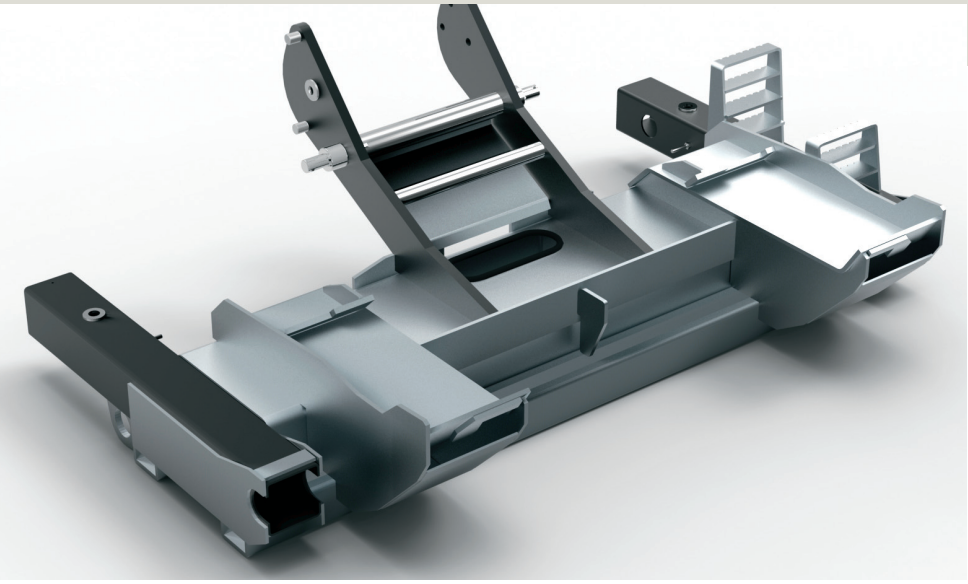
Greater design accuracy

Considerable error reduction throughout project lifecycle

Better services and solutions

"Using Solid Edge with synchronous technology, a company attains a far higher level of computer-aided design (CAD) independence. It enables our company to be more versatile, not dependent on the same 3D program used by the client."

Joan Farrerons Gallemí
Administrator and Manager
GALLEMÍ



development work, and the results of its use have been exemplary. The most prominent advantage is a substantial reduction in design time. "Using Solid Edge with synchronous technology, we have reduced both the initial design phase and the design modification/improvement cycle by more than 40 percent," says Joan Farrerons Gallemí, the company's administrator and manager. Using Solid Edge, the company's engineers now collaborate far more efficiently with customers.

The significant time reduction is experienced in the handling of all modifications, whether large or small, because the extensive documentation generated for each project is now automatically updated. "The company's engineers are now confident that with Solid Edge, when a modification is made and sent to manufacturing, whether it affects parts that are machined, welded, bent or cut by laser, the there won't be any errors," says Gallemí. "The time savings are significant, but the cost savings also are substantial."

Another advantage of using Solid Edge is its ability to generate a 3D virtual prototype of the design, which is used to simulate mechanical movements. This allows the engineers to check for possible interferences between parts and, if needed, to quickly and easily assess alternatives. This process is especially effective at addressing GALLEMÍ's larger projects. Virtual interference checking also saves GALLEMÍ considerable time and money.

Synchronous technology = CAD independence

One of the most interesting new features of Solid Edge is synchronous technology, which allows its users to quickly change parts or assemblies created using Solid Edge or any other 3D design program. "Using Solid Edge with synchronous technology, a company attains a far higher level of computer-aided design (CAD) independence," says Gallemí. "It enables our company to be more versatile, not dependent on the same 3D program used by the client. Using Solid Edge with synchronous technology allows us to open and easily modify customer designs and do so without any restrictions."

Outstanding support

The company's engineers, which use Solid Edge for both design/customer advisory and production functions, have an in-depth knowledge of the software, one acquired with the help of Siemens PLM Software partner ProCUE. Gallemí explains, "In order to attain this level of skillfulness, ProCUE supports our professionals with training, continuing education and regular updates on the latest software developments. We value

Solutions/Services

Solid Edge with synchronous technology
www.siemens.com/solidedge

Client's primary business

GALLEMÍ manufactures and markets accessories for machinery across industries, including public works, construction, gardening and horticulture.
www.gallemi.com

Client location

Mataró (Barcelona)
Spain

Partner

ProCUE
www.procue.net

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Administrator and Manager
GALLEMÍ

the contributions that ProCUE has made in accelerating our use of valuable technology."

The driving factor

Ultimately, GALLEMÍ's focus on and delivery of exceptional engineering and innovation is what differentiates it from the competition. Gallemí explains, "Continuously improving our product/ service offering is critical to our ongoing success. Working with the best tools is critical to continuous improvement. And Solid Edge with synchronous technology is a key part of what enables us to deliver faster and better engineering."

Gallemí concludes, "The reduction of design time by 40 percent, dramatically improved accuracy, improved project presentations through rendering, virtual interference checking, the use of subsystems' libraries and so much more, these are the advantages of using Solid Edge with synchronous technology. GALLEMÍ is at the forefront of metallurgy applications across industries and with tools like Solid Edge, we will continue to fulfill our goal of always providing better services and solutions to our customers."

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