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Increase your efficiency with Tekla Structures for precast concrete



Now more than ever it is critical for precast concrete manufacturers to reduce costs and increase efficiency across all business processes. Tekla Structures is the most efficient way to deliver all types of precast concrete elements at the right time to the right place by integrating design and detailing with manufacturing and project management. Enabling easy and error-free change management, the Tekla model can be used to support the entire precast workflow from sales and bidding, cost estimation and conceptual design, to detailing, integrated manufacturing, erection and project follow-up, as well as for site management.

Tekla Structures provides precast manufacturers with the tools to:

Win more work

With Tekla Structures, it is easy to create dynamic sales models to win future tenders. Powerful visualisation capabilities make it easier to view details of the entire building in real-time, instead of reviewing hundreds of drawings one by one.

Reduce design timescales with custom components

Tekla Structures enables you to create and maintain your own customised library of components, connections and other detailing tools, thereby reducing detailing timescales.

Improve detailing accuracy

By modelling structures in the 3D environment of Tekla Structures, users can increase detailing accuracy on all precast products, from structural units to architectural pieces. This in turn means that reject rates and on-site issues are greatly reduced, saving valuable time and money.

Collaborate effectively

Tekla Structures allows users to collaborate with project partners throughout the project workflow. You can import reference models from architects and MEP contractors and export information to your clients and sub-contractors in a number of different industry standard formats.

Link directly to production machinery

Tekla Structures has proven interoperability with products from a variety of software and machinery vendors, from architectural design packages and estimating software to ERP systems and integrated production machinery. Transfer of data between different platforms increases efficiency and greatly reduces errors associated with data and drawing interpretation in the factory environment.

Minimise site delays

The Tekla model can be used to store all the structural, temporal and costing data from preconstruction and construction planning through to site management and to monitor performance from design to supply and installation. This simplifies communication and clarifies decision-making throughout the design, construction, and site management phases of your projects.

Visit our web page for more information:

<http://www.tekla.com/uk/solutions/Pages/streamlining-precast.aspx>

View a recorded webinar for a brief demonstration of Tekla Structures or register for our forthcoming webinar on Tekla's hollowcore flooring tools:

<http://www.tekla.com/uk/solutions/Pages/webinars.aspx>

Or contact us for a full demonstration of our software either by telephone on 0113 307 1200 or via e-mail at info.uk@tekla.com