Presented By: Sakari Lahti

The Missing Piece to Complete Digitized Hollowcore Workflow is Here

Trimble / Tekla Structures / CADeON



Agenda

- 1 Trimble Inc & Tekla
- Our precast manufacturing customers
- Hollowcore integration for structural analysis
- Embodied Carbon Calculation
- 15 Augmented Reality for quality control







Trimble Snapshot



Company



NASDAQ: **TRMB**



\$3.27BRevenue (2019 year end)



39%+ Buildings & Infrastructure



Innovation



1,200+ Unique Patents



360 ConstructionWorkflowTechnology Patents



\$400M+Invested per year in R&D



People



11,000+ Employees in 35 Countries



800+ Construction Professionals



Millions of Customers & Partners in **100+** countries

Common platforms are leveraged across targeted industries

Core industries served







Agriculture



Construction

Emerging industries









Field service management





Tekla products







Tekla_® Structural Designer





Tekla. Tedds











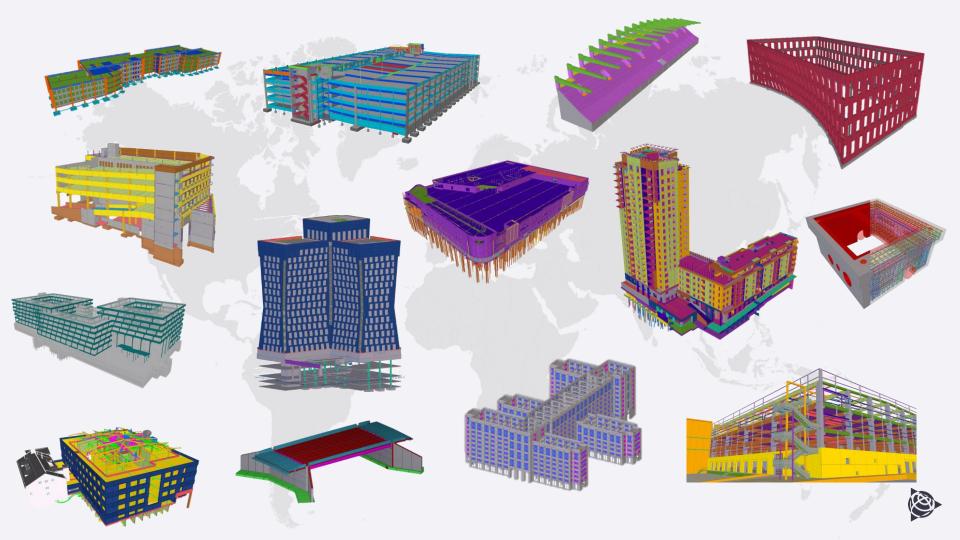




02

Our customers

Precast manufacturers















PRECON





































SMART BUILDING



TECHRETE









CONSTRUCTION GROUP LTD







Which one are you?



Tekla Customer

Your hollowcore calculation is currently disconnected from your Tekla model information. It may lead to errors and inefficiencies.



New Customer

You are stuck to legacy solution as it has integrated hollowcore calculation. Finally now you get complete solution in BIM.









The most advanced structural BIM software

Purpose-built tools for hollowcore modeling and detailing

Load modeling and distribution

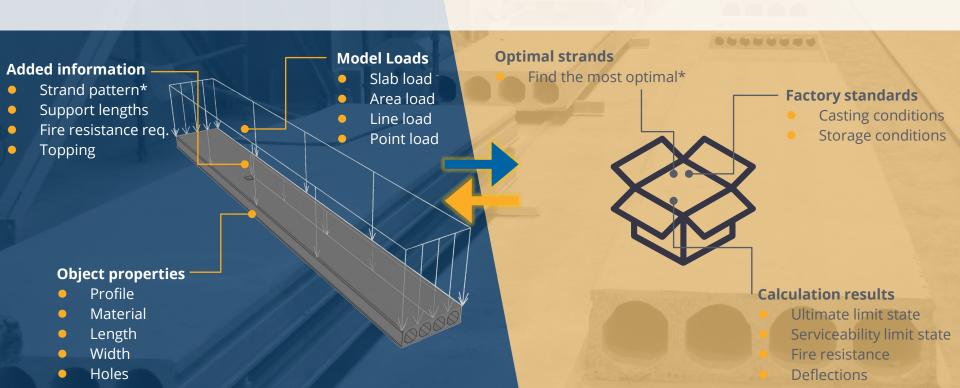
Industry proven hollowcore and solid slab calculation software

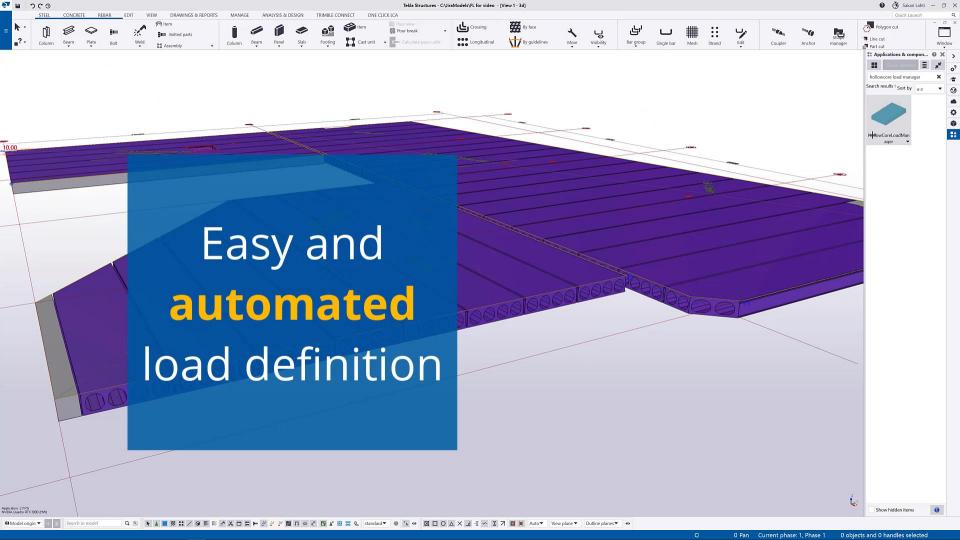
Customizable for precast manufacturers and Eurocode based calculation

Results automatically available in BIM







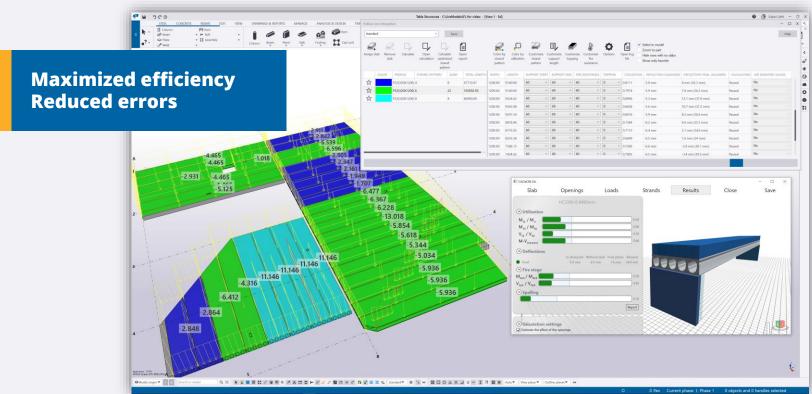


03

Utilize calculation results

Calculation results are stroed to model objects for visualization, drawings and reporting



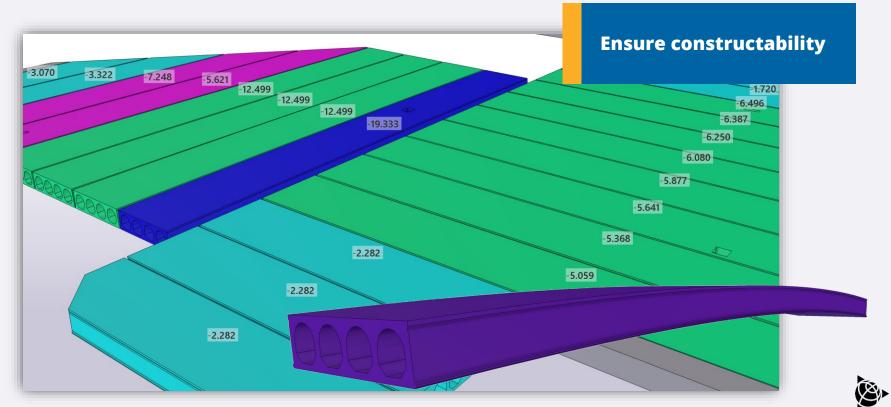


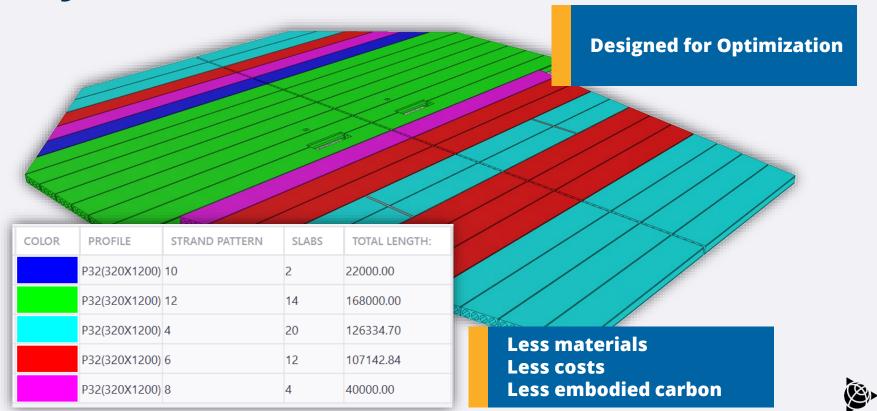












Developed with and for customers

"Will be efficient way to calculate hollowcores and looks really good and promising!"

-Svein Segtnan, Contiga





Try Now!

- Extension are available in Tekla
 Warehouse for all active Tekla Structures
 Customers
- warehouse.tekla.com
 - Hollowcore integration for Structural Analysis
 - Hollowcore Load Manager
 - CADeON SA (30 days free trial!)
- Contact for more information:
 - <u>Sakari.lahti@trimble.com</u>
 - juha.kinnunen@cadeon.fi





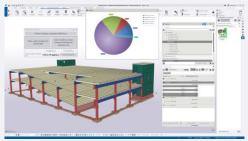
04

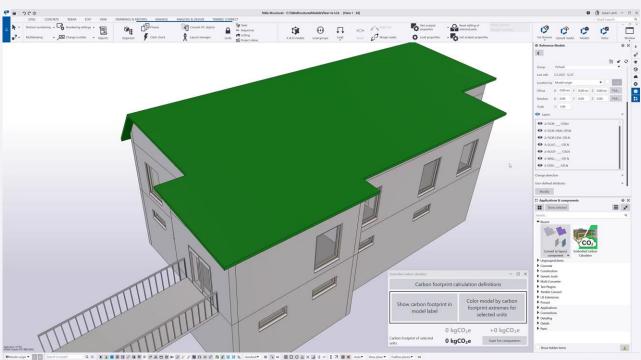
Embodied Carbon calculations



Embodied carbon calculator

Assess the environmental implications of your design live within Tekla Structures









05

Augmented Reality for quality control



New Trimble Connect AR

Revolutionize your QA/QC workflows by viewing your digital models at 1:1 scale on shop floor and in context.





Webinar 4 – Friday 12th March 2021

Presentations from Prensoland, Trimble and Combilift.

Reminder! Watch last years IPHA webinar







Thank You

For Questions or Feedback please contact: sakari@lahti.com

Or ask now via GoToWebinar



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