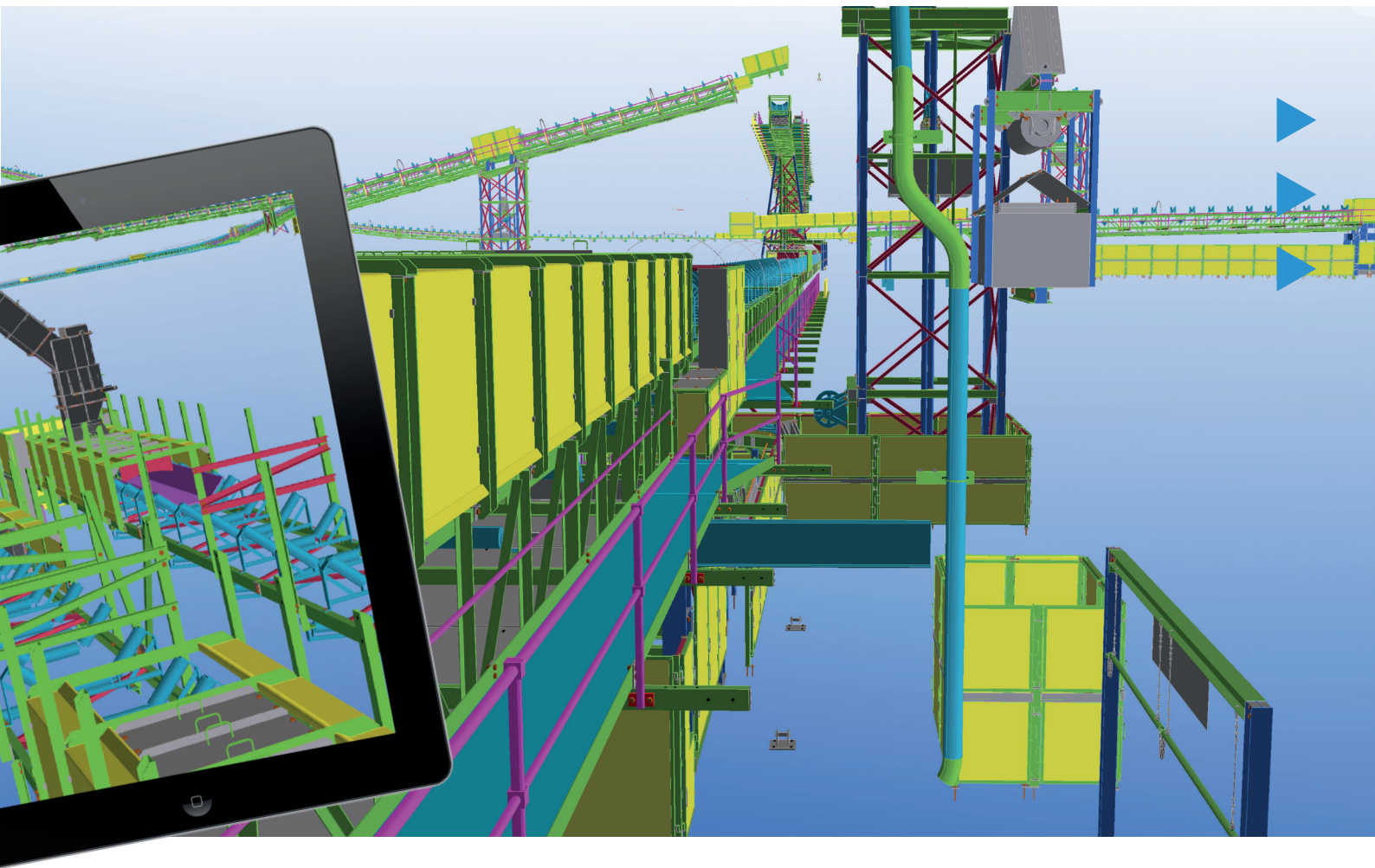




Tekla for Materials Handling



STEELCAD DRAFTING

“Tekla allows us the flexibility to work with our clients to customise output to suit their needs.”

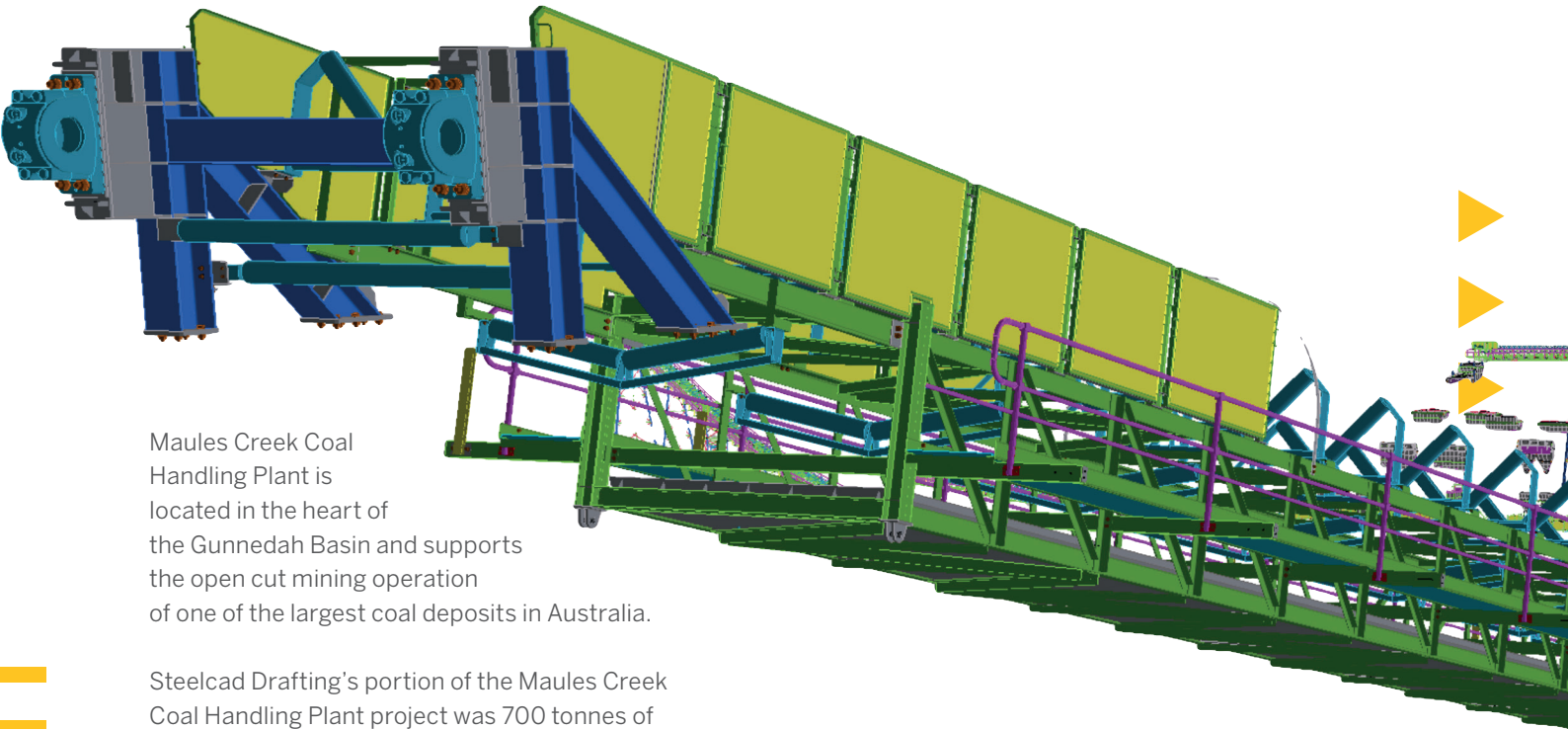
- Philip Shanks, Operations Manager, Steelcad Drafting

Solutions



► Tekla Structures

MAULS CREEK COAL HANDLING PLANT



Maules Creek Coal Handling Plant is located in the heart of the Gunnedah Basin and supports the open cut mining operation of one of the largest coal deposits in Australia.

Steelcad Drafting's portion of the Maules Creek Coal Handling Plant project was 700 tonnes of conveyors and 40 tonnes of platework, covering:

- box gantries
- trestles
- conveyor modules
- platework

TIME SAVINGS

Although it is ready to use, users can customise Tekla's BIM software. This customisation allowed Steelcad Drafting to increase efficiency, as they were able to more accurately manage the models and the people working on them.

"The benefit of using 3D modelling for the purpose of steel detailing, particularly using Tekla Structures, is its speed and the accuracy. We are able to set buildings out faster than we otherwise would in a 2D setting."

-- Philip Shanks, Operations
Manager, Steelcad Drafting

Using Tekla Structures even saved time for Steelcad's customers. On-demand reporting drawn from models provided huge benefits and time savings for the clients, making the management of the project easier.

"Tekla allows us the flexibility to work with our clients to customise output to suit their needs."

-- Philip Shanks, Operations
Manager, Steelcad Drafting

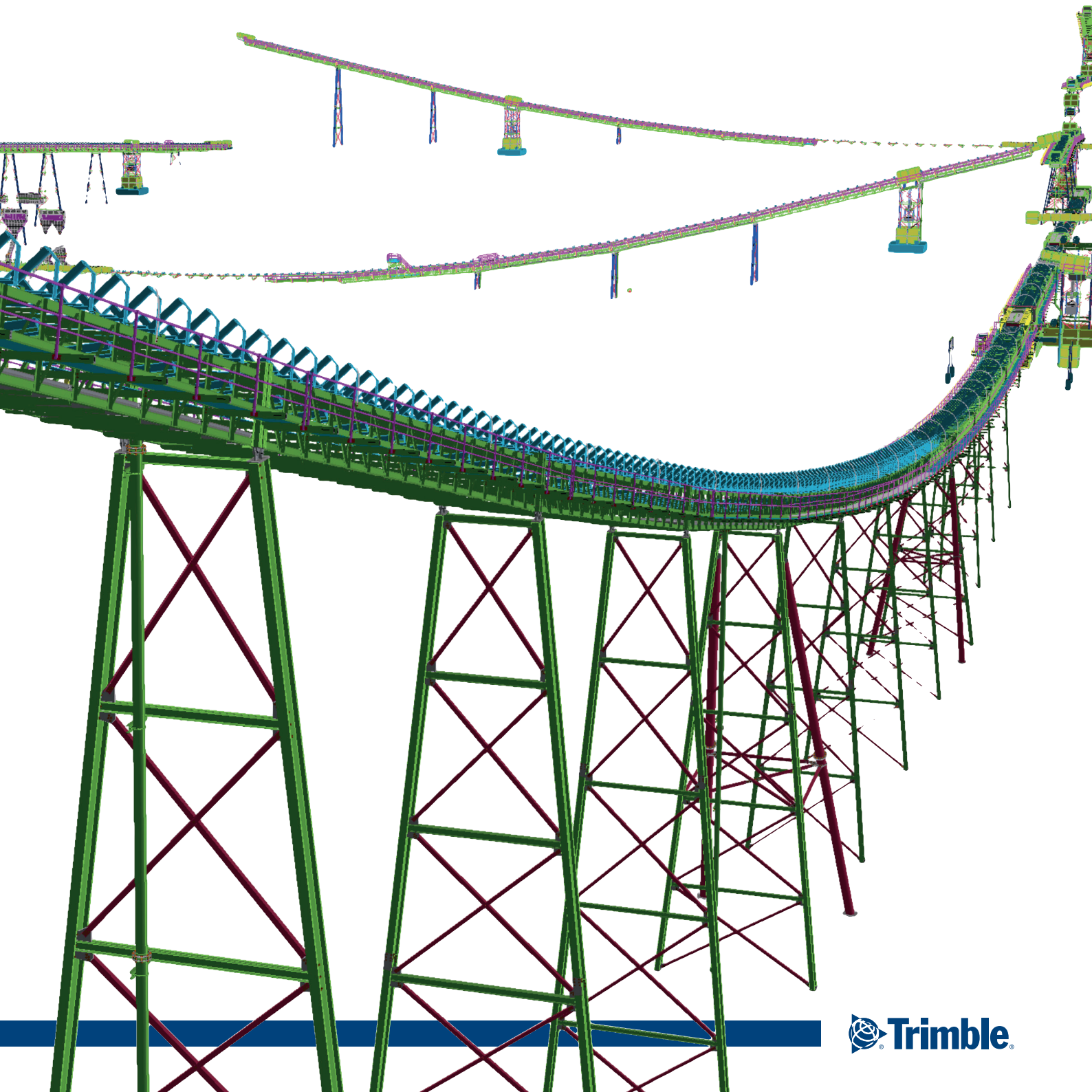
IFC & TEKLA SOFTWARE FOR CLASH CHECKING

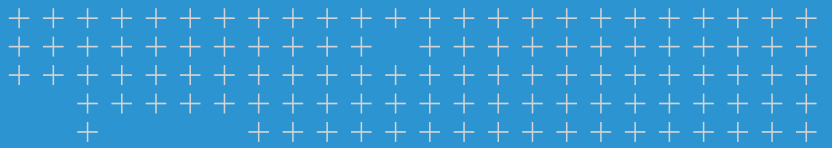
Steelcad were also required to compile the models into one master model for clash detection and fitment checks. This was achieved using IFC formats referenced into a master Tekla Structures model.

ABOUT STEELCAD DRAFTING

Steelcad Drafting Pty Ltd is one of the larger drawing offices operating in Australia. Steelcad Drafting was established in 1993 and since then has accumulated considerable expertise and experience, working on some large and more complex national and international projects. Steelcad Drafting specialise in materials handling and structural steel shop detailing.

www.steelcad.com.au





Together we are shaping a smarter future for construction

TEKLA SOFTWARE BY TRIMBLE

Trimble is a technology company with a vision of transforming the way the world works. Trimble's construction offering ranges from total stations to advanced software, giving the industry tools to transform planning, design, construction and operation of buildings. The company also has products for trades like logistics and agriculture.

TRIMBLE BUILDINGS

In addition to Tekla, Trimble Buildings brands include names like SketchUp and Manhattan Software, targeting architects, engineers, fabricators, MEP contractors, general contractors and construction managers, and building owners. The software solutions promote constructible models and collaboration. Trimble Buildings offering blend groundbreaking innovations and practical features, helping the industry achieve transformative results.



TEKLA SOLUTIONS

Tekla software is at the heart of the design and construction workflow, building on the free flow of information, constructible models and collaboration. It is the people who make the difference, while Tekla gives tools for realising projects around the world from housing and bridges to factories and skyscrapers. Good communication and elimination of waste make the industry more sustainable and cost effective, improve your projects and in the end your customers' happiness.

- ▶ **Tekla Structures** is the most developed Building Information Modelling software on the market. It makes accurate, constructible modelling of any structure possible.
- ▶ **Tekla Structural Designer** gives engineers the power to analyse and design buildings efficiently and profitably.
- ▶ **Tekla Tedds** automates repetitive structural calculations.
- ▶ **Tekla BIMsight** is a free professional tool for construction project collaboration allowing anyone combine models, check for clashes and share information.
- ▶ **Tekla Field3D** is an easy-to-use 3D tool for utilising Building Information Models on mobile devices.



CONTACT

BuildingPoint Australia Pty Ltd
T 07 3851 8380
E Tekla_Sales@BuildingPoint.com.au
W BuildingPoint.com.au



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