



S-Frame™ benefits The BONACCI Group - Australia



- ▶ Steel frame for multi-bay industrial building analyzed using S-Frame, designed using S-Steel

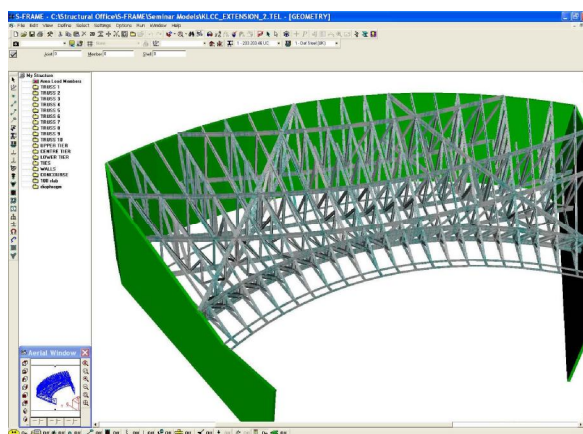
The BONACCI Group

www.bonaccigroup.com

The BONACCI Group has earned an international reputation as an innovator in the structural and civil engineering fields. In 1981 the Group was established initially in Melbourne and now operates throughout Australia, and internationally. The Group's Directors are working structural/civil engineers, who adopt a 'hands-on' role to ensure that projects benefit from the personal involvement of the most senior people in the Bonacci Group. Projects include infra structure and industrial contracts - covering water treatment, resources, airport, marine, defence and industry. Building developments encompass office construction, hotel and residential, retail, institutional, sporting/entertainment, car parking, heritage and facades. The Group is committed to producing designs which optimise quality, function, constructability and cost effectiveness. The purchase of S-Frame/S-Steel™ has enabled the Group to choose the range of analysis functionality required, without the need to learn several different products, as the software offers entry-level 2D frame analysis through to the advanced 3D finite element analysis, with the same simple input/output.

"CSC's S-Frame™ helped tremendously with the complex modelling, strength and dynamic analysis for the steel frame of the Kuala Lumpur Convention Centre in Malaysia, which then enabled the design to be carried out quickly and economically".

Ian Onslow – Associate Director



- ▶ S-Frame™ model of the Kuala Lumpur Convention Centre Plenary Hall steelwork and supporting walls

Major S-Frame™ benefits to The BONACCI Group

- ▶ Easy to use - from simple 2D elastic analysis to 3D non-linear analysis with the same simple graphical interface
- ▶ Powerful capabilities - full Finite Element [FE] modelling and analysis with unlimited model size
- ▶ Rapid generation of models via auto-generation of typical trusses and frames
- ▶ Import/export data from/to DXF file or spreadsheet
- ▶ Integrated steel and RC design to international codes
- ▶ Fully integrated with Fastrak Building Designer, Fastrak Portal Designer, Orion and 3D+™

CSC ▶ Case Study

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