

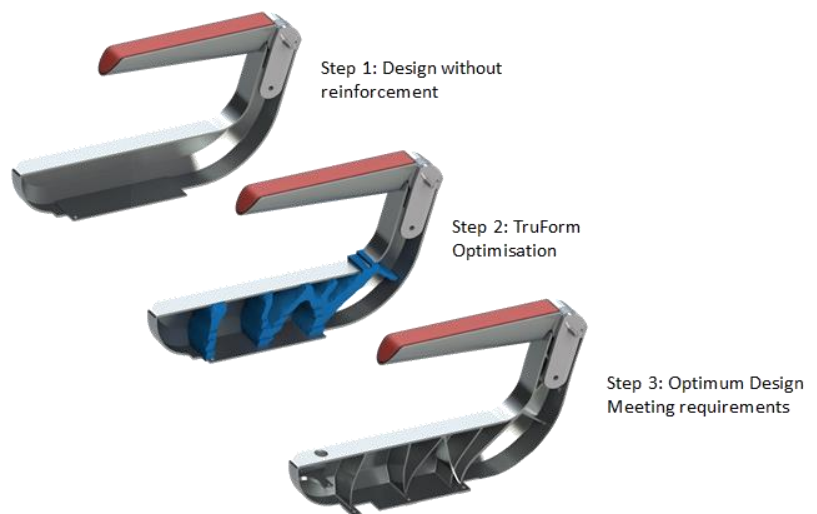
GRM – TruForm SW in SOLIDWORKS

“Brainstorming your designs in SOLIDWORKS using TruForm SW”

TruForm SW is an integrated Topology Optimisation solution for SolidWorks, which provides users with a powerful optimisation method in an extremely simple and straightforward interface. Users of SOLIDWORKS and its simulation feature, which is available in SW premium, will be familiar with the ease in which the structural performance of designs can be assessed under specific loading conditions. Using Topology Optimisation, TruForm SW enables designers to perform design optimisation studies seamlessly within the SOLIDWORKS environment. Applying the technology at the initial design phase ensures maximum benefit is achieved, guiding designers to the most structurally efficient design. More information can be found on our website.

Features of TruForm SW include:

- Concept design optimisation for single or multiple simulation studies.
- Automatic direct loading of Topology concept design as STL graphics or solid bodies.
- Requires only standard static simulation solver available in SOLIDWORKS Premium.



The example was generated by our own Engineering Team and shows TruForm SW in action. It shows the developing the best internal ribbing for an aluminium extrusion design in order to support a bolt clamping condition. Producing the results within an hour it has helped to confirm the best position for internal ribbing which is being designed as part of our developments for Rail Seat Manufacturer Quantum Seating (www.quantumseating.com).

For a video of it in action have a look on our YouTube channel;

https://www.youtube.com/channel/UC_zeUkNT9Z39ARGpciPb_ow

TruForm SW is available as an add-in module to SOLIDWORKS, and requires almost no training to allow designers to begin performing Topology Optimisation Studies and can be trialled for 30 days.

For more information contact info@grm-consulting.co.uk

