

3D Scanners UK help tomorrows automotive designer.....

When Coventry University student Philip Allen contacted 3D Scanners UK for some help with his Mdes Transport Design project they were only too pleased to help him.....

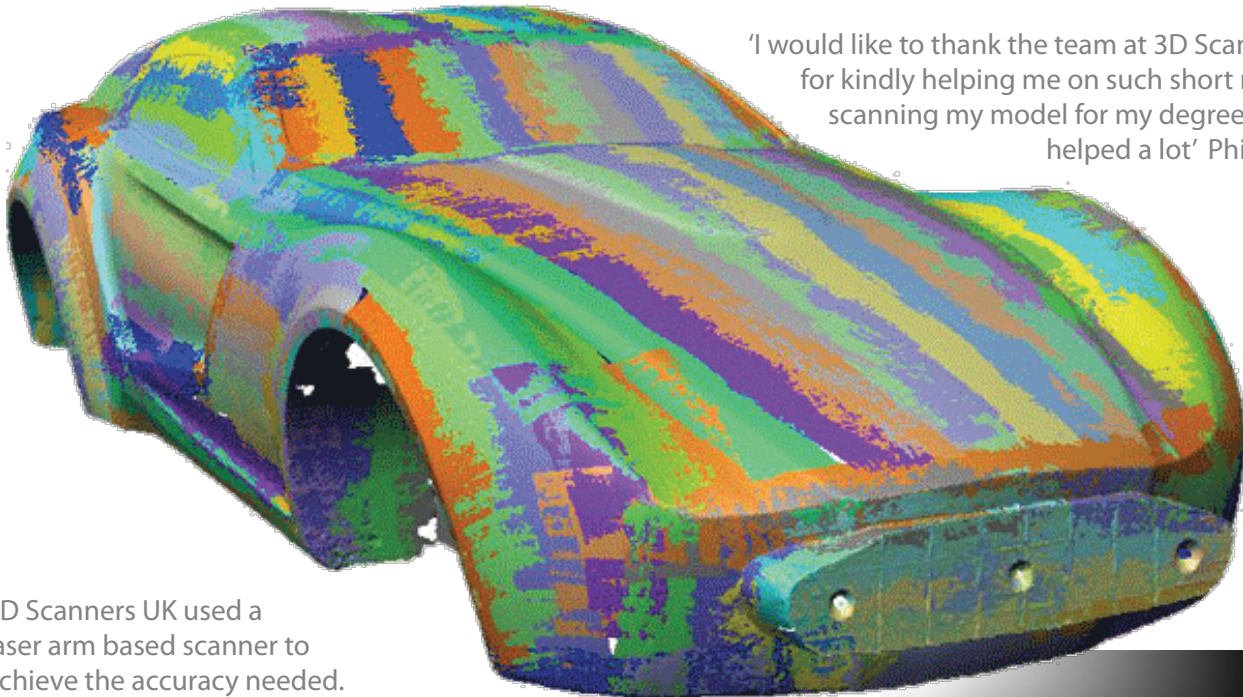


Project Brief - 'The study into Sporting Aesthetics'

To identify and analyse the preconceptions of the sporting luxury genre and further investigate the design language behind sporting aesthetics. Analysing the constructive make-up allows for better understanding of what really makes something more sporting in design than another.

To design a concept that pays careful attention to line quality, curvature speeds, design character and stance whilst maintaining the integrity of Aston Martin and Zagato DNA.

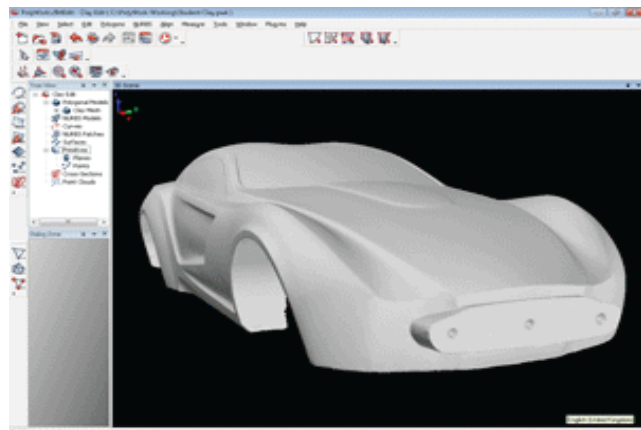
Philip Allen approached 3D Scanners UK at fairly short notice, asking if they could 3d scan his 1/4 scale clay concept car, so that he could achieve an accurate result when modeling up the car in Alias studiotools.....



'I would like to thank the team at 3D Scanners UK for kindly helping me on such short notice in scanning my model for my degree, it really helped a lot' Philip Allen.

3D Scanners UK used a laser arm based scanner to achieve the accuracy needed.

The image above shows the organised point cloud data from the laser arm scanner in InnovMetric PolyWorks IMAlign software. The data has been aligned using the 'best fit' method, overlap has been reduced and the data is now ready to be meshed.



The polygon mesh (stl) was imported into Philips chosen software, Alias.

The polygon model was then used as a reference to create the surfaces of the model. This method reduced surfacing times by several days. BunkSpeed Hypershot was used for the rendering.....

