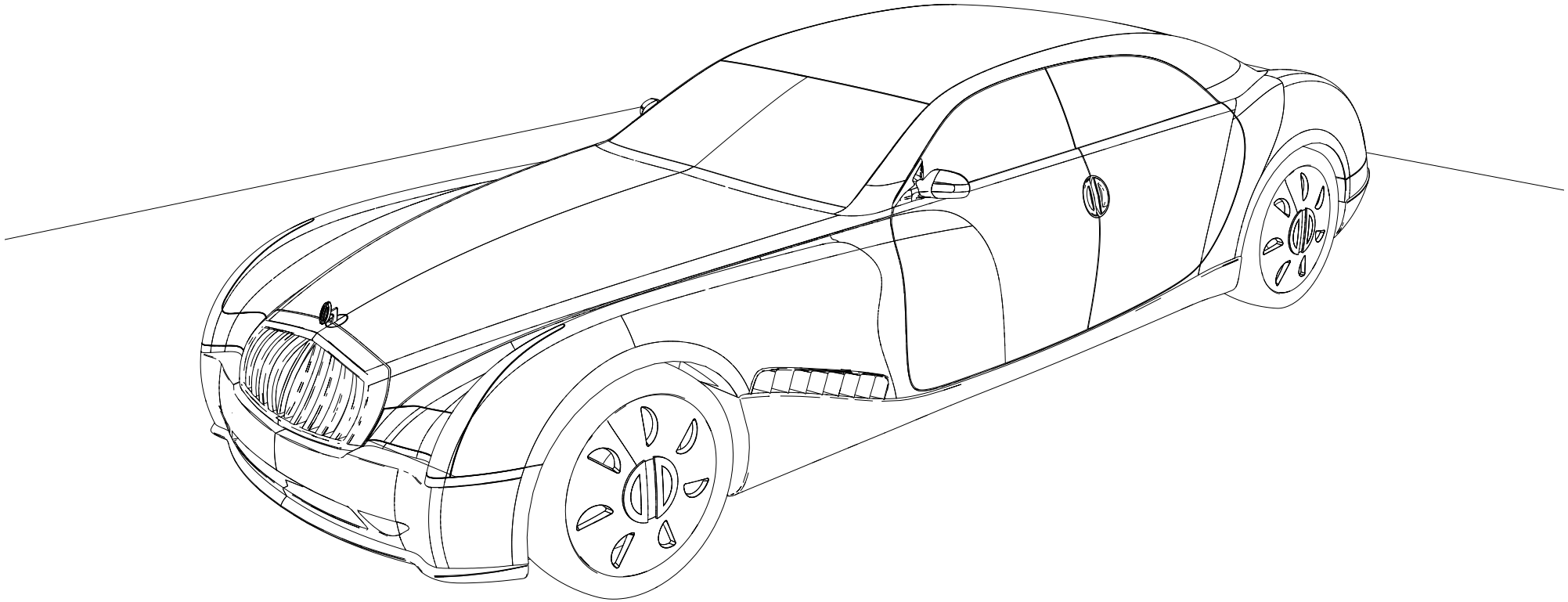
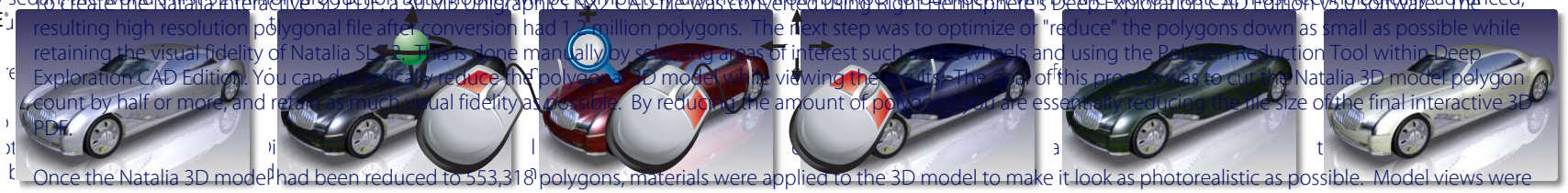


Views | Exterior Colors | Overview | Engine | PDF Info

The Natalia SLS 2 sport luxury sedan, the world's first $2 million production automobile, will be completely distinctive from bumper to bumper. It will be the world's fastest, most technologically advanced, and most luxurious [illegible]

To create the Natalia interactive 3D PDF, a 49 MB Unigraphics NX CAD file was converted using Right Hemisphere's Deep Exploration CAD Edition v5.0 software. The resulting high resolution polygonal file after conversion had 1.3 million polygons. The next step was to optimize or "reduce" the polygons down as small as possible while retaining the visual fidelity of Natalia SLS 2. This is done manually by selecting areas of interest such as the wheels and using the Polygon Reduction Tool within Deep Exploration CAD Edition. You can dynamically reduce the polygon 3D model while viewing the results. The goal of this process was to cut the Natalia 3D model polygon count by half or more, and retain as much visual fidelity as possible. By reducing the amount of polygons, you are essentially reducing the file size of the final interactive 3D PDF.



Once the Natalia 3D model had been reduced to 553,318 polygons, materials were applied to the 3D model to make it look as photorealistic as possible. Model views were then created so that the camera within the PDF could animate to these predefined views, guiding the end user in the interactive 3D experience.

3D Help