

MCEN 1025

Computer-Aided Design & Fabrication

PROJECT GOALS

- Design a new body for a micro radio-controlled car using SolidWorks
- Fabricate the body using stereolithography
 - Document the design using detail and assembly drawings



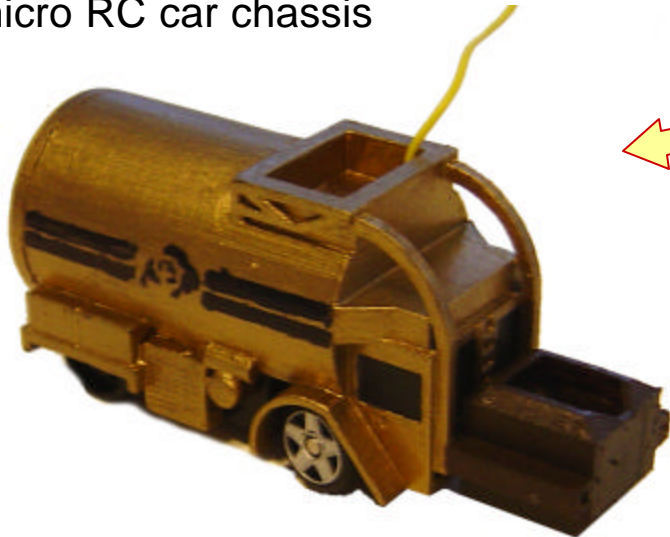
Sponsored by:
protogenic

Stereolithography Project

1. SolidWorks CAD model



3. Painted model mounted on micro RC car chassis



Sponsored by:

protogenic

2. Stereolithography creates solid models by curing a liquid polymer resin with a laser beam.

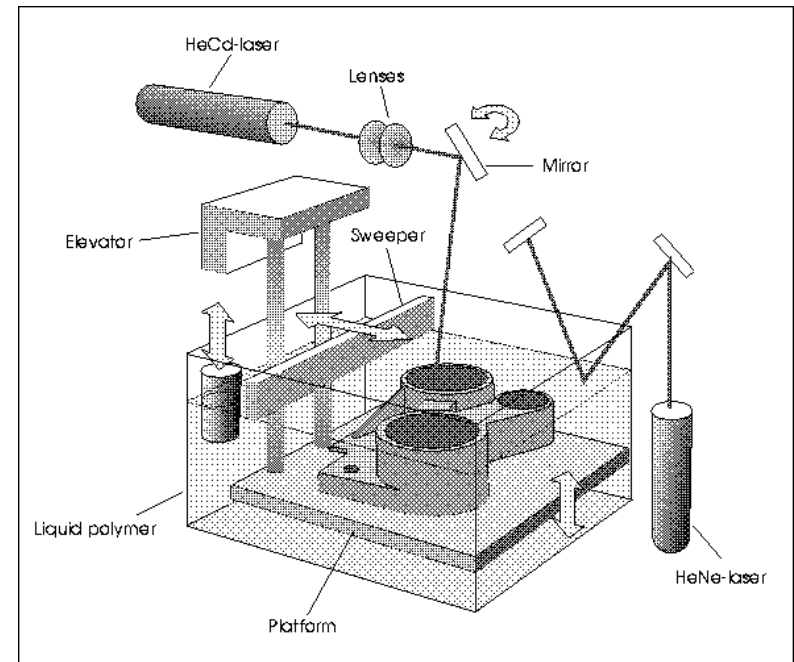


FIGURE 1. A schematic drawing of an SLA.