

Roush Technologies design engineers serve a two-fold purpose, initially to support all other in-house departments and programmes with a design service, and secondly to act as a Design Bureau to the Automotive OEM's and their suppliers.

The company's design services encompass the entire process from concept through to final production. The team of skilled designers address styling, packaging, layout and manufacturing issues.

Design Tools include:-

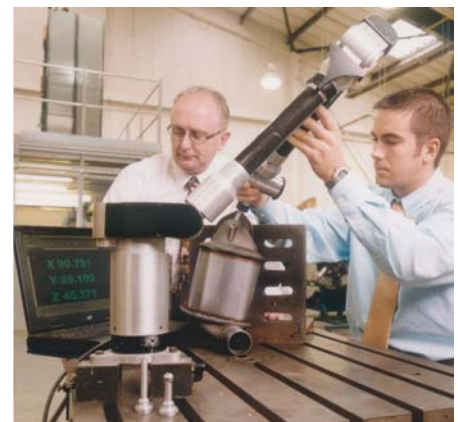
- SDRC / IDEAS / C3P
- Computervision CADD5
- Catia
- Pro-Engineer
- CDRS
- PDGS
- Unigraphics

Data Transfer Technology include:-

- IMI links from all European sites
- FTP_PAH server / Anonymous FTP site @ Roush
- Visteon Datax
- Case New Holland CSCN
- Odette ENG DAT
- Ford Motor Company Certified Data Service Provider - CDSP

Application Experience include:-

- Powertrain Systems and Components
- Interior trim Styling and design
- Exterior Styling and design
- Chassis / Steering Components
- Base Engine Systems and Components
- HVAC Systems and Components
- Exhaust Systems
- Special Vehicle Systems and Equipment



3D Geometric Data acquisition and Reverse Engineering

Roush Technologies also has the latest Portable Co-ordinate Measuring Machines (PCMM) to provide a reverse Engineering facility. These six axis machines are capable of capturing highly accurate 3D data to any predetermined datum. This data can then be outputted to most CAD systems. PCMM's can operate all over the globe including our customers own site avoiding the need to transport confidential parts or vehicles.

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