

David R. Martin
Consultant Profile



Primary Tools

- Creo Parametric
- Creo Simulate
- Creo Schematics
- Windchill PDMLink, ProjectLink, and MPMLink
- Mathcad

Primary Areas of Expertise

- Part design including:
 - Sheetmetal
 - Surfacing (Technical, Freeform, and Freestyle)
- Assembly modeling including:
 - Top Down Design (TDD)
 - Large Assembly Management (LAM)
- Drawings and Model Based Definition (MBD)
- Analysis – structural, thermal, and modal / dynamic
- Manufacturing including CNC and Mold Design
- Routed Systems including Cabling and Piping
- Engineering Calculations

Creo Parametric and Windchill Administrator and End User:

- Blue Origin, 2017 – 2020
- Amazon Prime Air, 2014 – 2017
- Amazon Lab126, 2013 – 2014

Creo Parametric (Pro/ENGINEER) and Windchill instructor and consultant, 2001 – 2013

- Training delivery and content development
- Certified in all PTC CAD classes from Wildfire 3.0 through Creo 2.0
- Process improvement consulting

Author:

- Top Down Design in Creo Parametric
- Design Intent in Creo Parametric
- Configuring Creo Parametric 4.0
- Configuring Creo Parametric 5.0

Creator of [Creo Parametric](#) YouTube channel

Additional Related Software

- Creo Direct
- Onshape

Bachelor of Science, Mechanical Engineering, Massachusetts Institute of Technology (MIT)

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