

Design Department Capabilities

Competencies

Current

- Modeling, Design and Animation
- Motion Studies
- Detailed & Concept Design
- New Product Development from Phase 0 to Phase 7
- Electrical and Mechanical Systems Architectural/Routing
- Manufacturing Support – Additive Mfg. Support, 3D Printing, Prototyping
- Manufacturability Studies – DFM/DFMA
 - Machining
 - Casting
 - Molding
 - Joining
- Hydraulic Routing & Design
- Chemical & Polymer Design/Analysis
- Procurement & Custom Assembly
- Autonomous Vehicle/Machine Applications – hardware integration

Capable

- Animation
- Motion Studies
- Manufacturability Studies – DFM/DFMA
 - Machining
 - Casting
 - Molding
 - Joining

Growth

Suite of Software Tools

- Solid Works Motion, PTC - Pro/Mechanism
- LabVIEW, MATLAB, Excel
- Creo, SolidWorks, Catia, Autodesk Inventor, AutoCAD, Unigraphics, NX, Solid Edge

Industry Experience

- Construction Machinery
- Mining Equipment
- Manufacturing
- Aerospace

Manufacturing Support

Additive Manufacturing:

- Direct Metal Laser Sintering - DMLS
- Selective Laser Sintering - SLS
- Fused Deposition Modeling - FDM
- Stereolithography - SLA

You're not in it alone.

For more information contact Jamie Adams at
jamie.adams@integrusgp.com, visit
www.integrusgp.com or call 309.214.9900