

Tim Linahon CAD Portfolio - 1987-1989

Iowa Mold Tooling, located in Garner Iowa, is a world class manufacturer of mechanic trucks, lube trucks, tire trucks, and truck mounted cranes. They service building supply, construction, tire service, public works, mining, railroad, and rental markets around the world.



I joined IMT in 1987 and was located in the crane design group. My job responsibilities included: layout and design drafting documentation of all hydraulic crane components, processing engineering change orders, resolving manufacturing issues in the design, and working in a team environment. This work was completed using both manual drafting techniques and Unigraphics CAD software.



I was responsible for complete documentation of all the hydraulic cylinders components used including:

- Cylinder Cases
- Cylinder Heads
- Rods
- Pistons
- Seals
- Wear Rings
- Pin Connectors
- Valve Blocks
- Fluid Tubes
- Complete Assemblies