

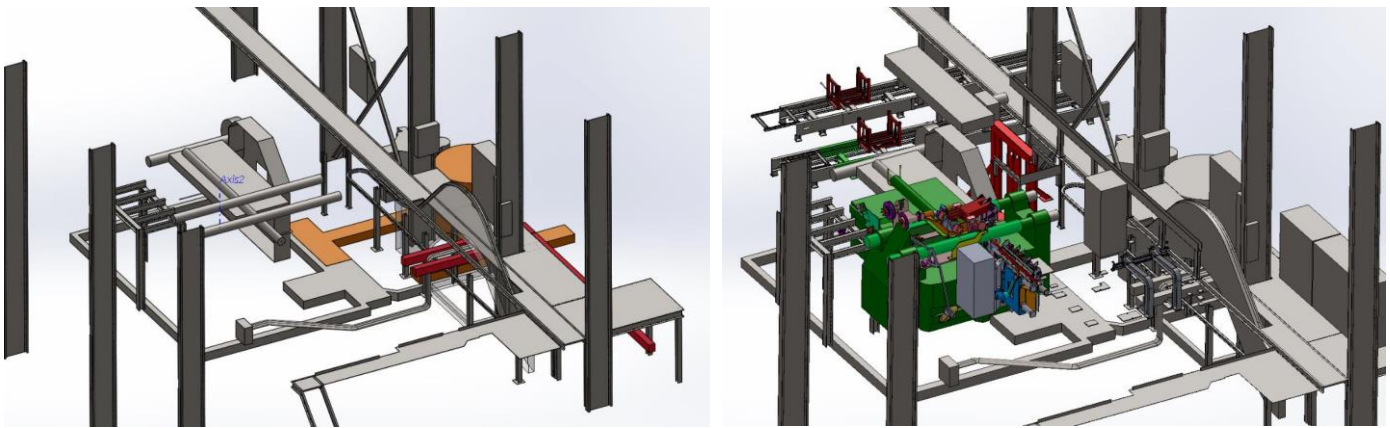
Case Study: Heavy Duty Equipment Mezzanine for Upset Forge Upgrade

Erie Industrial was requested by North Bay Construction to design and fabricate a mezzanine for a customer that would enable an existing manual upset forge to be automated.

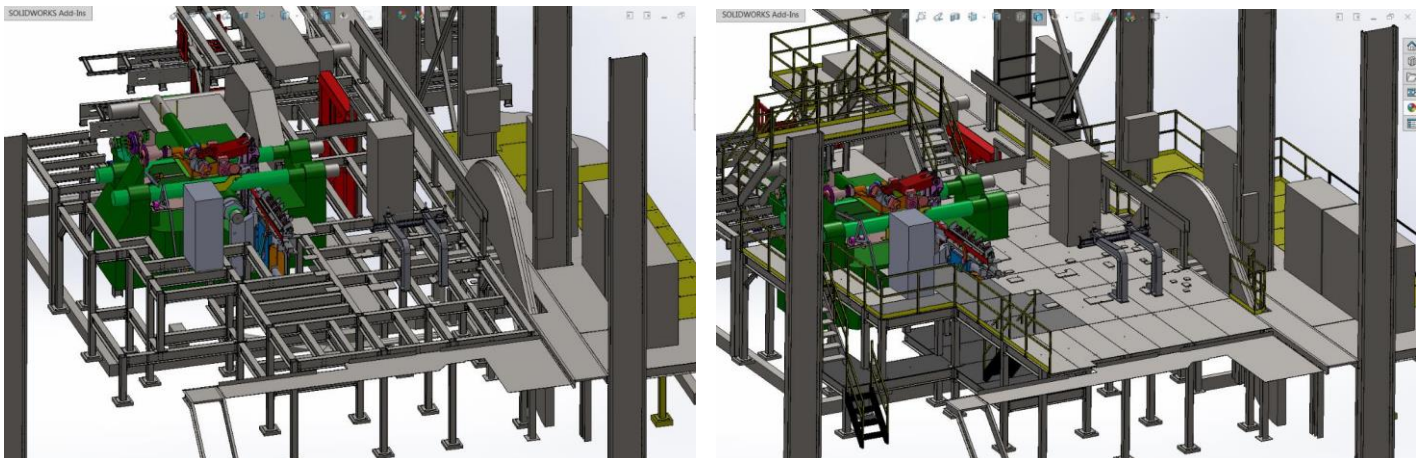
The mezzanine would have to be robust enough support new equipment and product in a forge environment. It would need to be designed to fit within the existing site conditions and allow operator and maintenance access while maintain OSHA safety requirements.

The customer provided Erie Industrial Equipment CAD drawings to communicate the scope of work. Erie reviewed the site conditions and an existing jib crane and platform and catwalks to be removed.

Following the site visit Erie created a 3D model of the pertinent site conditions and incorporated some models provided by the customer:



Erie then designed the new platforms to support the equipment and crossovers and guardrails to allow access and protect personnel:



All material was fabricated and is now currently installed with the upset forge automated and creating product at a much higher volume than previously possible

Per the objective of the projects, the customer's operations and maintenance personnel are now able to currently access areas of the equipment in a manner that is safe and efficient.