

# TEKREX<sup>®</sup>

## Case Studies

### Forklift Jig

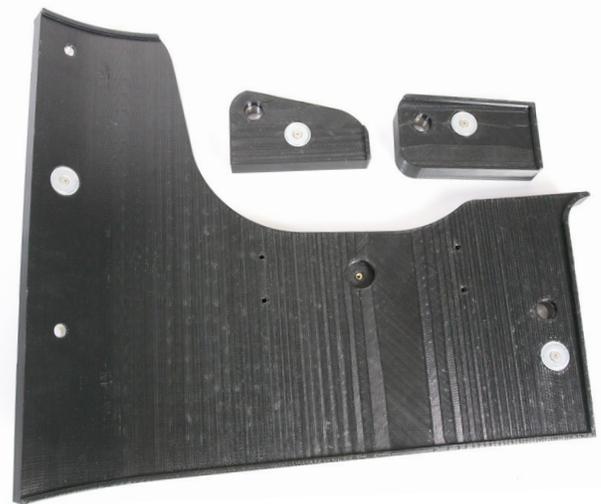
A client in the heavy machinery industry is retrofitting existing equipment to be able to support AI functions. They needed a quick and accurate way to make these adaptations, but the parts needing customization were large and had complex curvature to them.

Challenge

### Our Solution

TekRex used the dimensions of the machines needing to be customized to design a fixture that fit the machine's unique curvature. Due to the size of the equipment, TekRex utilized a large format 3D filament printer to complete the job.

Using integrated drill brushings, magnets, and unique reference features the fixture could be easily attached to help guide the drilling in a precise and consistent manner.



### Results



This unique fixture improved the precision and speed in which the machines could be modified, leading to decreased production lead time and overall savings.