

Replace machined jigs & fixtures.



Eaton's manufacturing plant in Olean, NY, replaced 90% of machined Delrin fixtures with SLS 3D printed fixtures and improved factory-floor efficiency, **achieving a six-month ROI with the Fuse Ecosystem.**

FORMLABS PRODUCTS USED



Fuse Ecosystem
Used throughout the manufacturing process



Nylon 12 Powder
Variety of manufacturing aids and tools

TIME AND MONEY SAVED

Key wins:

ESTIMATED BUSINESS IMPACT

Fuse Series 3D printers on the factory floor

Went from **eight to 12 weeks** of downtime when waiting for fixture replacements to same-day part turnaround in-house

90% of Delrin fixtures now printed on Fuse Series 3D printers

Delrin fixtures vary in price but can run up to \$4,000/part. SLS parts can be produced for **1-2% of that cost** and with same-day turnaround*

Test new fixtures, aids, and grippers in a matter of hours, not days or weeks

Improved velocity allows engineering team to focus on innovation and finding creative solutions to work problems

80% reduction in sifting time compared to industrial powder bed fusion machines

Faster, simpler process for creating high-quality SLS parts