

Chain Link - Case Study

Test Report: Carbon XL

About Polyga

Polyga is a developer of 3D scanners and mesh processing software based in Vancouver, Canada. We have more than 10 years of experience building structured light 3D scanners and software that meet complex 3D imaging requirements. Our line of 3D scanners are a trusted brand of 3D imaging solutions used worldwide for a variety of industrial applications.

Products & Technology

All Polyga 3D scanners use structured-light technology for capturing high-resolution digital 3D scans from real world objects. These systems are great for companies, manufacturers, academic institutions, visual effect studios, and research labs that need 3D scan data for visualization and measurement applications including:

- 3D modeling
- documentation/archiving
- reverse engineering
- scientific measurement
- computer-aided inspection
- rapid prototyping/3D printing



Scanning Overview

Scanner Used:

Carbon XL

Introduction:

The purpose of this job was to perform a 3D scan of a chain link to be used for developing a STEP file for importing into a CAD system.

Scan Processing Results:

The model comprises of 37 scans before merging.

Setup

Developer Spray was used on chrome surfaces before scanning to help in acquiring scan data.

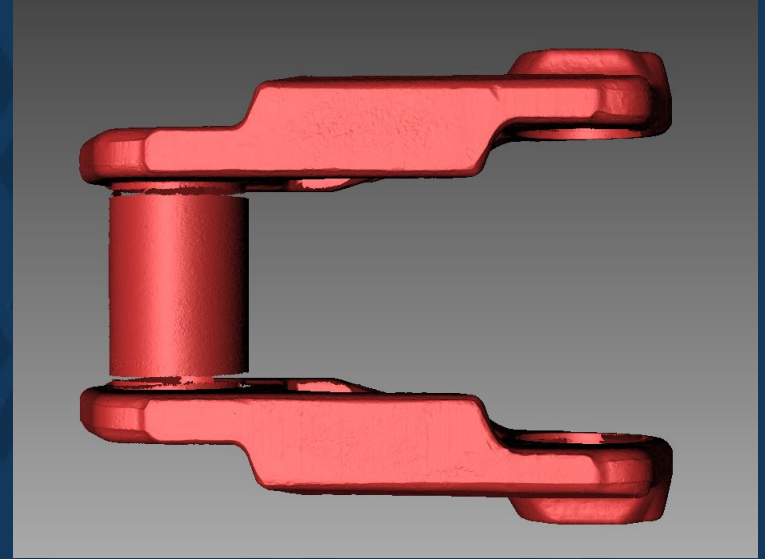


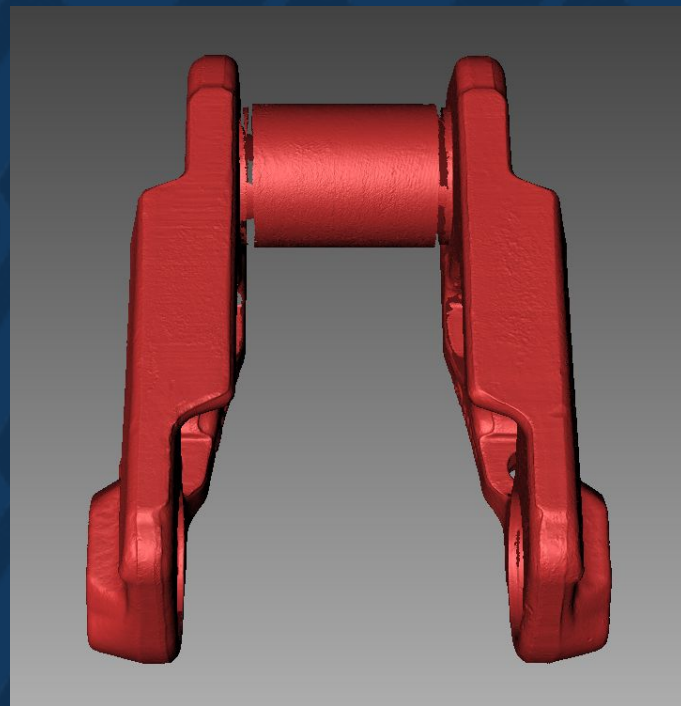
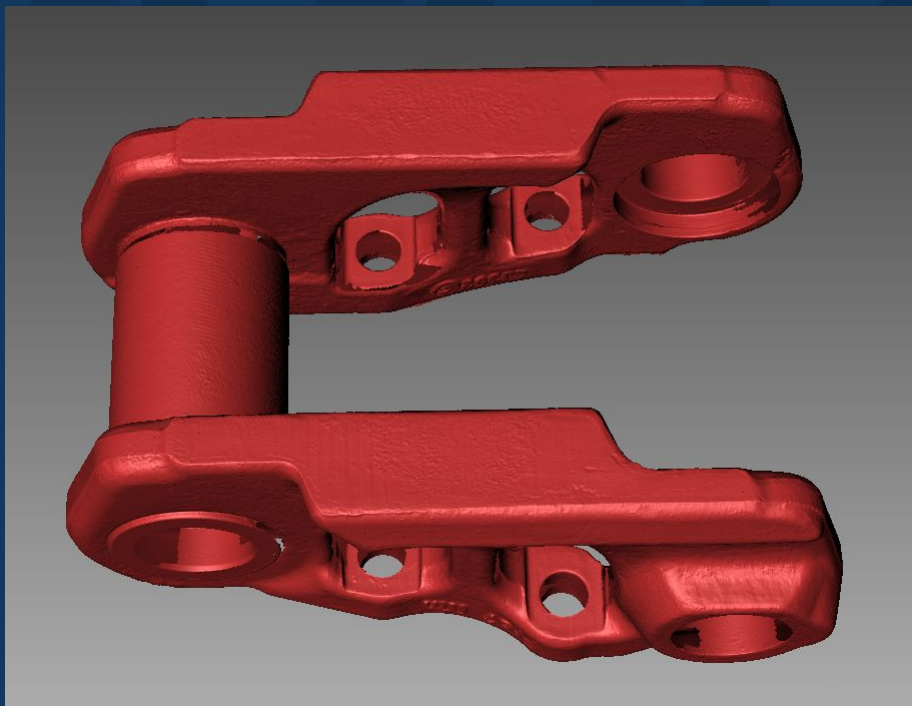
Equipment Used

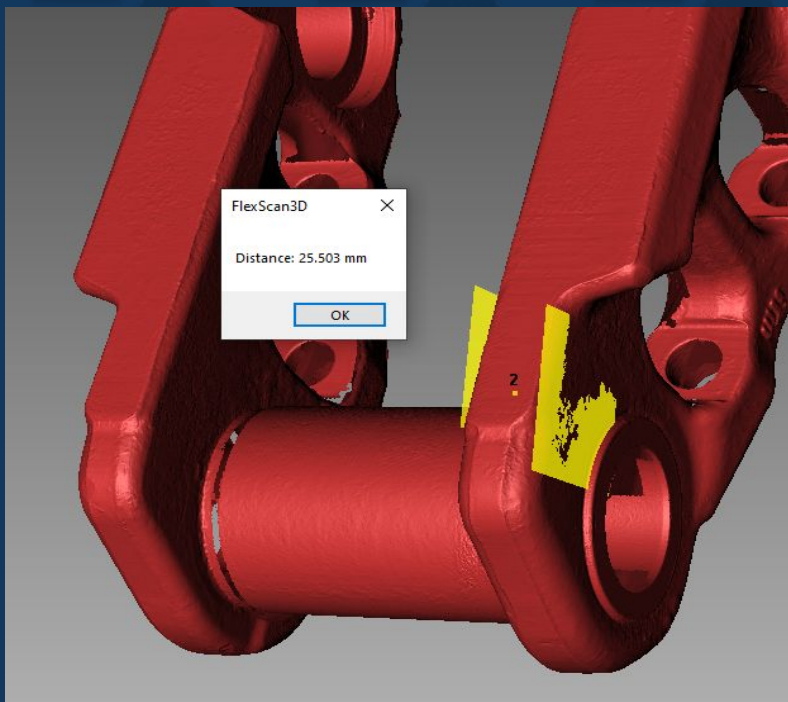


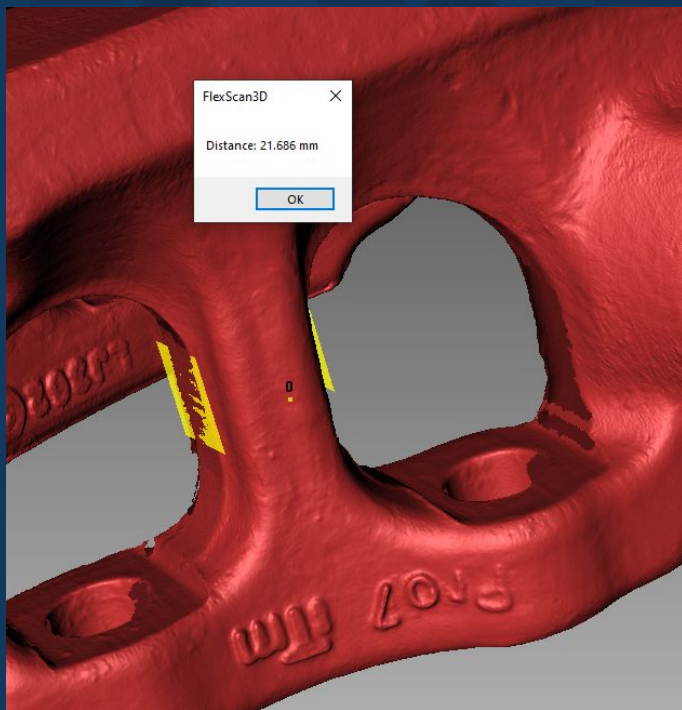
Polyga Carbon XL

Scan Results









Contact

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