

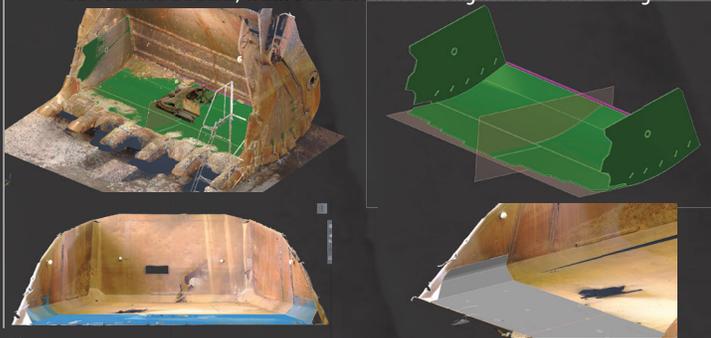
SAS Global provides on-site 3D Laser scanning services to capture the current conditions of your components, or complete material handling/processing systems. Compared to traditional hand measuring methods, 3D scanning is more efficient, much quicker, and extremely accurate. SAS uses the latest in laser scanning technology to produce accurate and precise 3D data cloud point renderings. Each scan measures millions of points and each point knows its precise XYZ position in space. Combined, these points create a three dimensional "point cloud" that can be navigated, drafted, and modeled in our 3D CAD software. These precise CAD drawings allow the SAS Engineering Team to create perfectly fitting components and liner systems.

Key Advantages and Features:

- Reduces field measurement time/labor:
For Example a typical loader bucket takes approximately 2 hours by hand, but only 15 minutes via 3D scanning.
- Scanning range of 100 meters
- No size limitations:
Large items such as complete material handling systems can be captured with multiple scans.
- Accurate with tight tolerances:
$1/32''$ on smaller component scans
$1/32''$ to $1/16''$ on large component/system scans
- Creates accurate 3D CAD drawings:
Ensures engineered components and/or liners fit perfectly into the existing location/component.



3D Scanned Buckets, Truck Beds and Reverse Engineered Liner Packages



3D Scanned and Reverse Engineered Chute Systems

