

POINT CLOUD LASER SCANNING

Imaging Laser Scanner

ASGCO® **Point Cloud Laser Scanner** is a powerful high-speed Focus3D X 130 HDR 3D scanner, delivering realistic and true-to-detail scan results. The laser technology is more accurate than traditional methods because it looks at thousands of points along the clearance plane, not just a few sample points.

The ultra-portable Point Cloud Laser Scanner enables fast, straightforward, and yet accurate measurements of facades, complex structures, production and supply facilities, accident sites, and large-volume components.



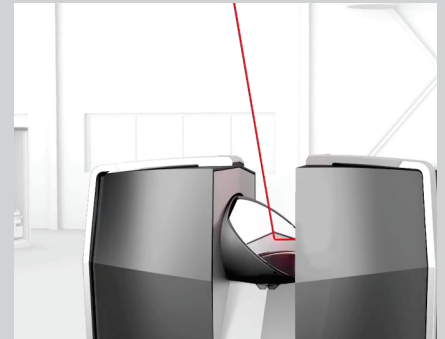
BENEFITS & FEATURES

- Distance accuracy up to $\pm 2\text{mm}$
- Range from 0.6m up to 130m
- Noise reduction 50%
- Safe and fast as-built data capturing with superior color detail
- Reliable life-like visualization, even under extreme lighting conditions
- Reduced complexity by integrated scanning and imaging workflow for all kinds of measurements even in challenging environments
- Allows models to be overlaid onto cloud point scan to double check accuracy

ASGCO®
Complete Conveyor Solutions



High speed detail measurement of large scale objects and space



Rotating laser touches its surrounding to determine the coordinates and space.

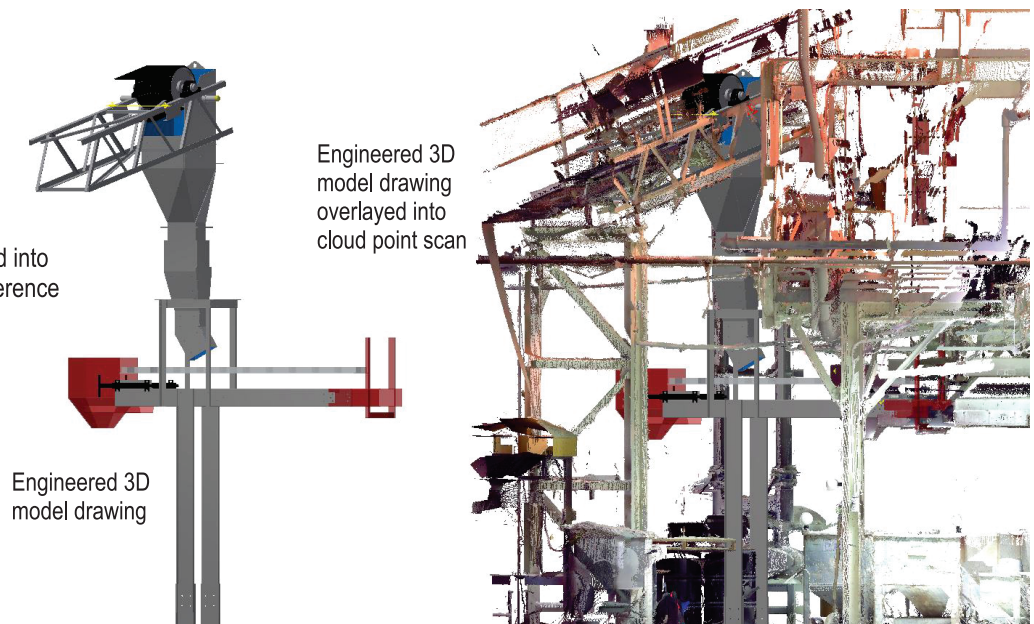


After chute is modeled and overlaid into cloud point scan to ensure there are no interference the chute is built and installed.

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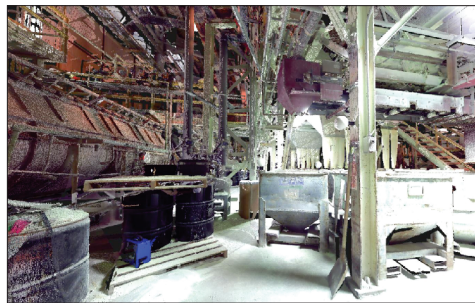
ENSURES ACCURACY

Chute and conveyor are modeled and overlaid into cloud point scan to ensure there are no interference and modeled equipment fits properly.



CLOUD POINT SCAN-HD RESOLUTION

The increased camera resolution of Focus3D X 130 HDR delivers extraordinary color overlays for scanned point clouds. This improves the visualization of important details on site.



Cloud Point Scan



Cloud Point Picture

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