



3D Laser Scanner – Rental Solution

High accuracy, high-speed 3D laser scanning for shipboard, offshore, and industrial applications.

Precision measurement for ship repair, drydock, and retrofit projects — available on rent with full support.

Why FARO Focus Premium for Marine Applications

- Ultra-fast scan times – typical scan in **~1 minute**
- Scanning range up to **350 m** with millimetric accuracy
- Ideal for engine rooms, machinery spaces, pipe racks, scrubber systems
- Hybrid Reality Capture (Flash Technology™) – colourised scans in **<30 seconds**
- Rugged **IP54** design suitable for shipboard environments
- HDR colour imaging up to **266 MP** for low-light areas
- Integrated sensors: dual-axis compensator, GNSS, compass, height sensor
- Secure data with cryptographic hashing and signing

Typical Use Cases

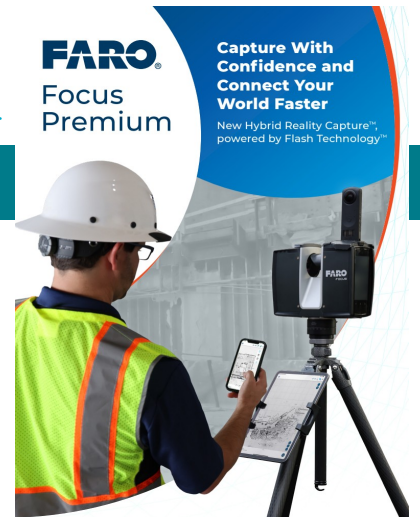
- As-built documentation
- Retrofit and modification engineering
- Pipe routing and spool prefabrication
- Digital twin creation
- Damage assessment and deformation surveys
- Clash detection and space verification

Rental Package Includes

- FARO Focus Premium scanner (350 m option)
- Batteries, charger, tripod, and accessories
- Optional operator support and data processing

Optional Add-on Services

- Registered point cloud delivery
- CAD / BIM / retrofit engineering support
- Marine-specific survey and consulting services



Smart Workflow – From Scan to Deliverable

FARO Stream App	Real-time scan control and on-site registration for immediate validation.
On-site QA	Immediate validation reduces risk of missing data before mobilisation ends.
FARO Sphere Cloud	Secure cloud collaboration platform for fast processing and team access.

Ideal for: Ship repair yards | Drydock and conversion projects | Retrofit and systems upgrade contractors | Offshore EPCI companies