Welcome to

Advanced Textiles EXPO®

ORGANIZED BY ATA



Measure Once

A practical look at two digital measuring technologies that help capture complex spaces accurately—so you can measure once and fabricate with confidence.

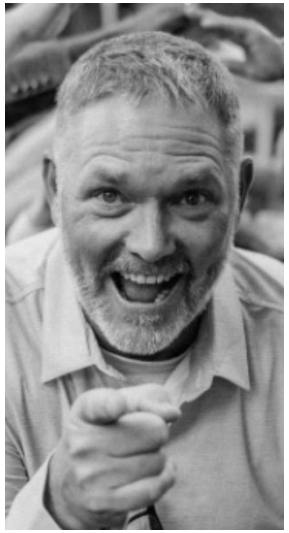
Vince Innocenzi

Chicago Marine Canvas



Andy Moon

Baraboo Awning



Advanced Textiles EXPO®

WHY MEASURE DIGITALLY?

A better first measurement pays off at every step that follows.

BY HAND

- Individual tape measurements
- Paper notes and rough sketches
- Manual re-entry into CAD
- Difficult curves and compound angles
- Fit issues found during installation

DIGITAL ADVANTAGE

- **Connected, repeatable measurements**
- **Shareable digital project record**
- **Faster design-to-fabrication workflow**
- **Capture complex 2D/3D geometry**
- **Less rework and fewer return trips**

MEASURE ONCE • DESIGN FASTER • BUILD WITH CONFIDENCE



PRODIM PROLINER V9

Wire-guided digital templating for complex marine shapes—from the boat to CAD.

FIELD-READY MEASUREMENT



2D + 3D

60 FT
DIRECT REACH

WIRE-GUIDED
MEASURING PEN

PROLINER V9 ADVANTAGES

- Sub-millimeter 2D / 3D accuracy
- Trace curves, edges & tubular frames
- Check measurements on-screen on site
- CAD-ready DXF files—no manual re-entry
- Fewer templates, remakes & return trips

MEASURE ONCE • DESIGN FASTER • BUILD WITH CONFIDENCE



SIBERIAN DREAM | 78' HATTERAS

One yacht. Five custom projects. A consistent digital measurement workflow.

THE VESSEL



SIBERIAN DREAM | 78' HATTERAS

FIVE PROLINER PROJECTS

- Flybridge bimini & full enclosure
- Bridge lounge seating upholstery
- Hydrafoam flybridge flooring
- Bow sunpads & fitted cover
- Helm, helm seat & scooter covers

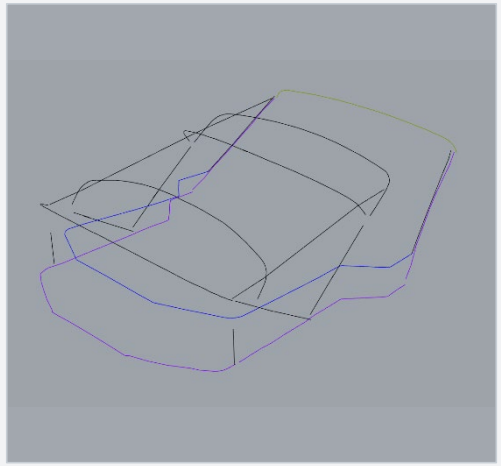
ONE YACHT • FIVE PROJECTS • ONE DIGITAL WORKFLOW

Advanced Textiles EXPO®

SIBERIAN DREAM | FLYBRIDGE ENCLOSURE

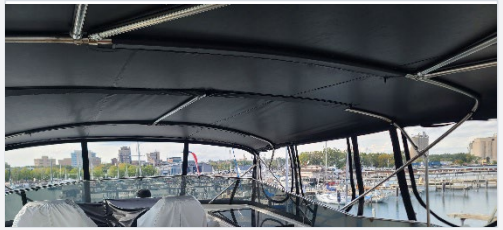
A long, elevated flybridge enclosure that would be difficult to pattern by hand.

FROM 3D CAPTURE TO INSTALL



PROLINER MEASUREMENT





COMPLETED FABRICATION

WHY THE PROLINER MATTERED

- Bimini top spanned roughly 20 feet
- Standard pen & hook pen traced tubing
- IPT600 reached difficult geometry
- Measured above & below the windshield
- Digital model avoided full-size patterning

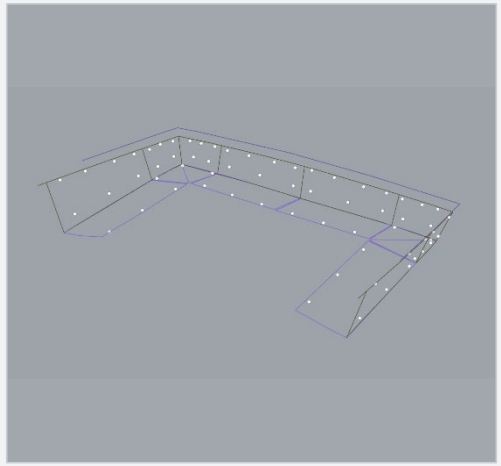
CAPTURE THE FRAME • MODEL THE PANELS • FABRICATE WITH CONFIDENCE

Advanced Textiles EXPO®

SIBERIAN DREAM | BRIDGE UPHOLSTERY

Simple-looking box cushions—on bases and backrests with significant angles.

MEASUREMENT TO FINISHED SEATS



PROLINER MEASUREMENT



COMPLETED FABRICATION

WHY THE PROLINER MATTERED

- Seat bases angle steeply toward the rear
- Backrests add another reclined plane
- 3D capture preserved every relationship
- Foam cutter received our CAD specifications
- Vinyl patterns came from the same CAD

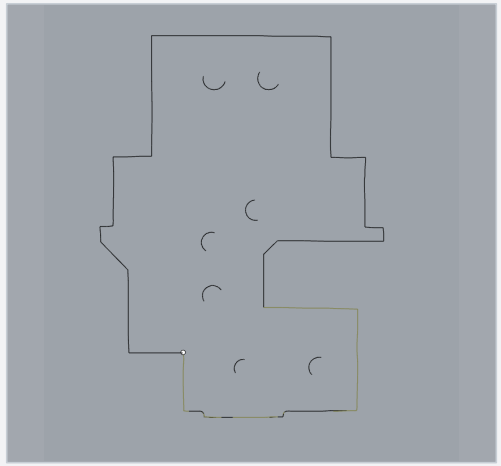
CAPTURE THE ANGLES • CUT THE FOAM • SEW THE VINYL

Advanced Textiles EXPO®

SIBERIAN DREAM | HYDRAFOAM FLOORING

One coordinated measurement shoot captured deck outlines and post locations.

DECK GEOMETRY & CUTOUTS



PROLINER MEASUREMENT



INSERT COMPLETED FLOORING PHOTO

WHY THE PROLINER MATTERED

- All flooring captured in one site session
- Pointer pen mapped edges & boundaries
- IPT600 captured challenging details
- Helm & barstool posts located in CAD
- Cutouts aligned with the measured layout

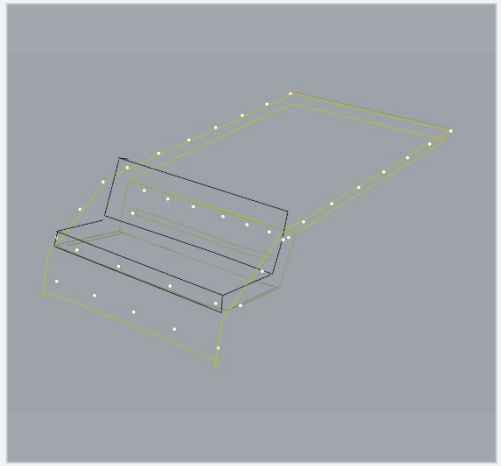
ONE MEASUREMENT SHOOT • MAPPED MOUNTS • CAD-READY FLOORING

Advanced Textiles EXPO®

SIBERIAN DREAM | BOW SUNPADS

The seat, angled backrest and sunpad were developed together in one CAD drawing.

MEASURED BOW → FINISHED FIT



PROLINER MEASUREMENT



COMPLETED FABRICATION

WHY THE PROLINER MATTERED

- Seat, backrest & sunpad captured together
- Angled surfaces connected in 3D
- One CAD drawing unified the design
- Upholstery followed measured geometry
- Protective cover used the same capture

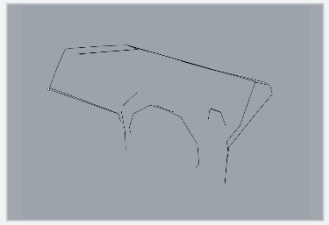
ONE DIGITAL MODEL • ALIGNED COMPONENTS • MATCHING COVER

Advanced Textiles EXPO®

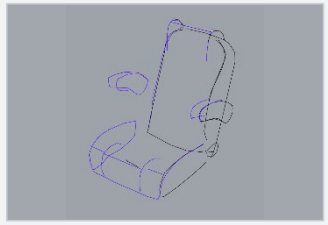
SIBERIAN DREAM | CUSTOM COVERS

Custom-fit protection for the helm, helm chair and an electric scooter.

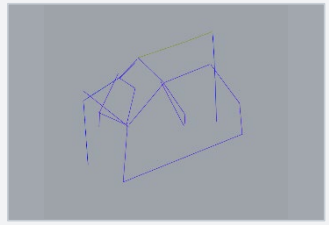
THREE SHAPES, DIGITAL CAPTURES



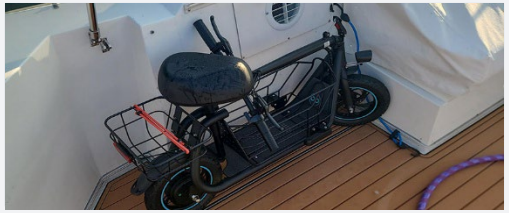
HELM



HELM SEAT



SCOOTER



SCOOTER — BEFORE



SCOOTER — COVERED

WHY THE PROLINER MATTERED

- Helm cover: irregular console outline
- Helm seat: complex chair contours
- Scooter: non-standard 3D geometry
- Pointer pen + IPT600 used on covers
- Digital shapes remain available for reuse

IRREGULAR SHAPES • DIGITAL PATTERNS • CUSTOM PROTECTION



Leica 3D Disto



OLDER ☹

Leica iCON iCS50



NEW ☺

Advanced Textiles EXPO®

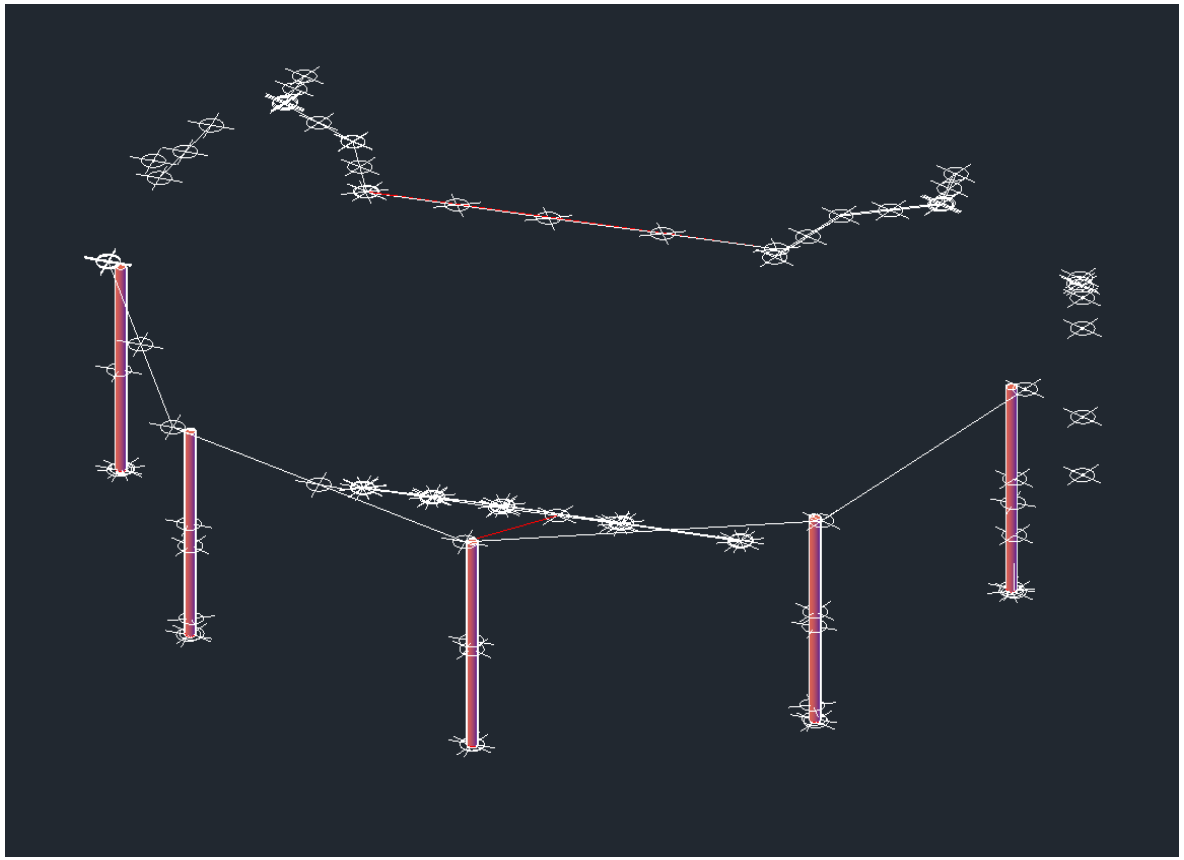
Patio Canopy

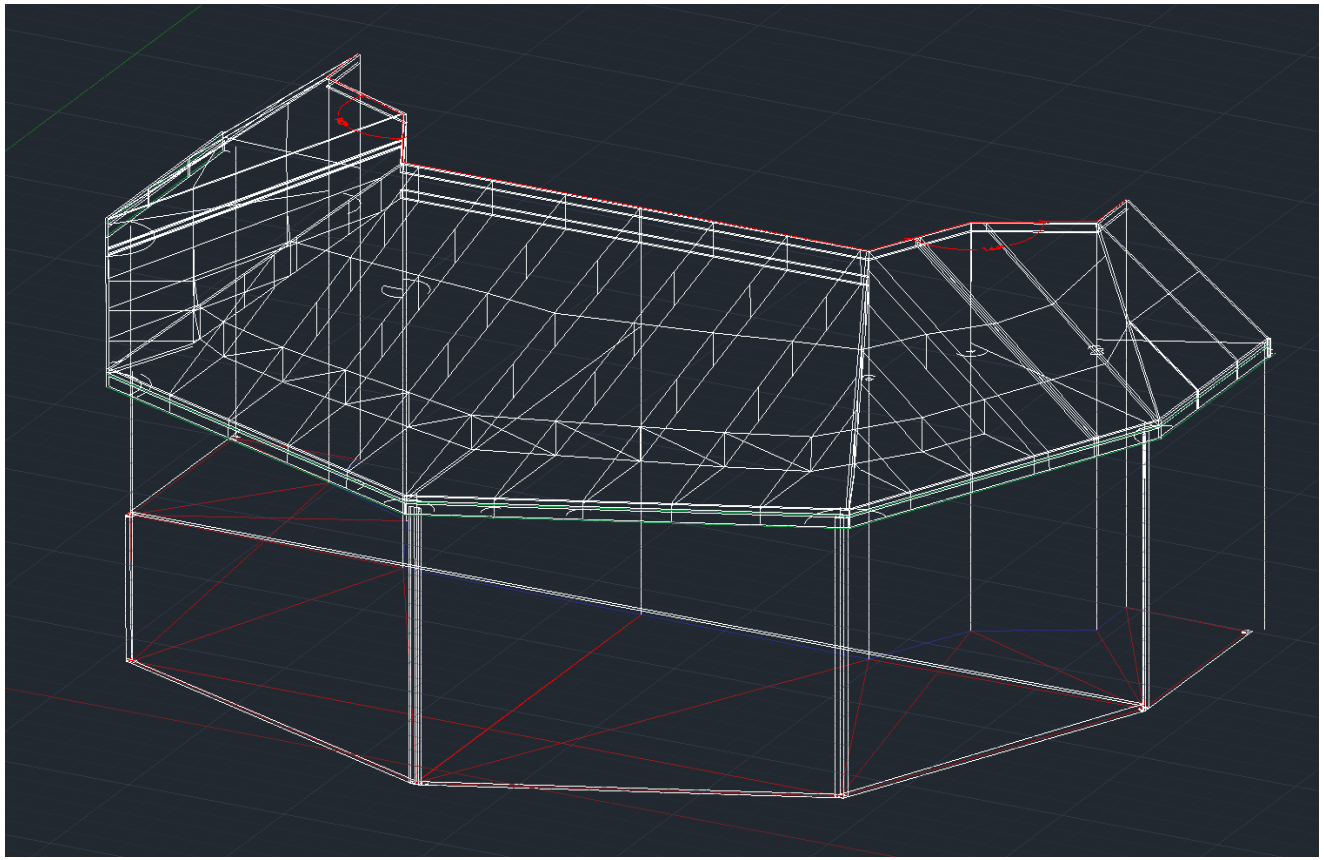




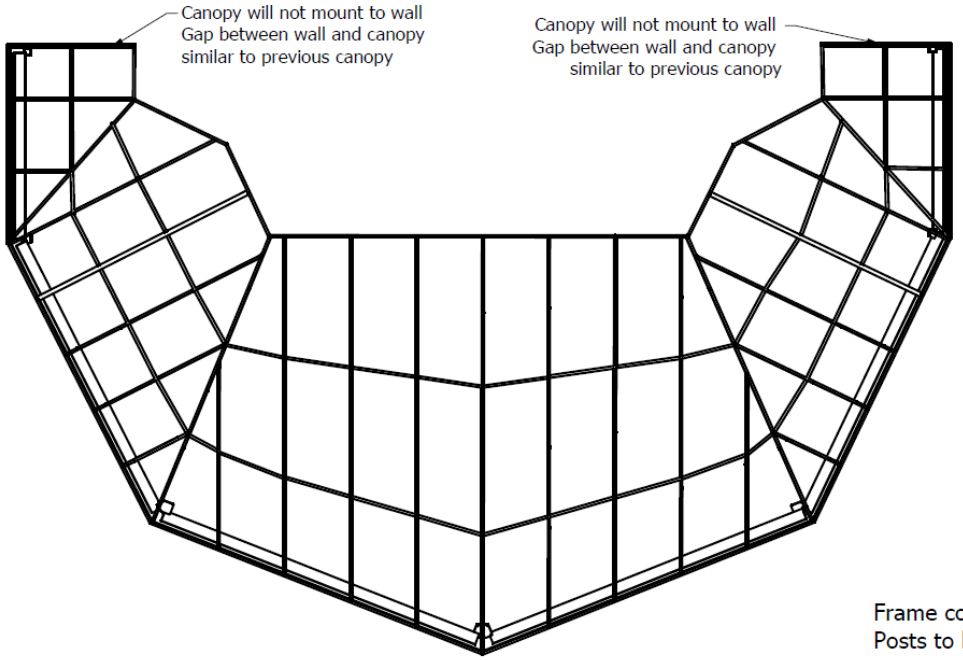
Advanced Textiles EXPO®

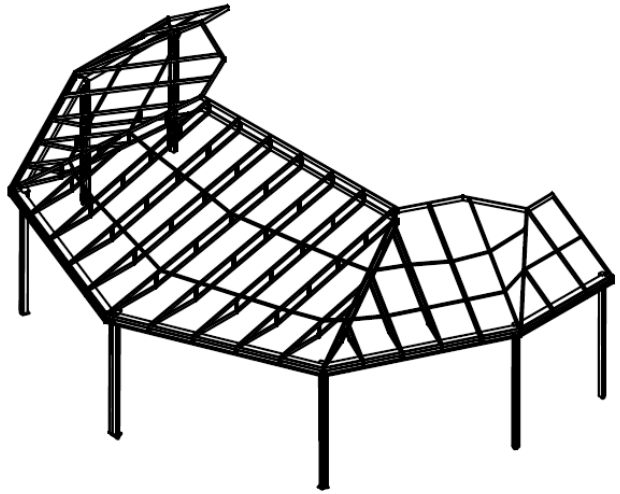
Patio Canopy



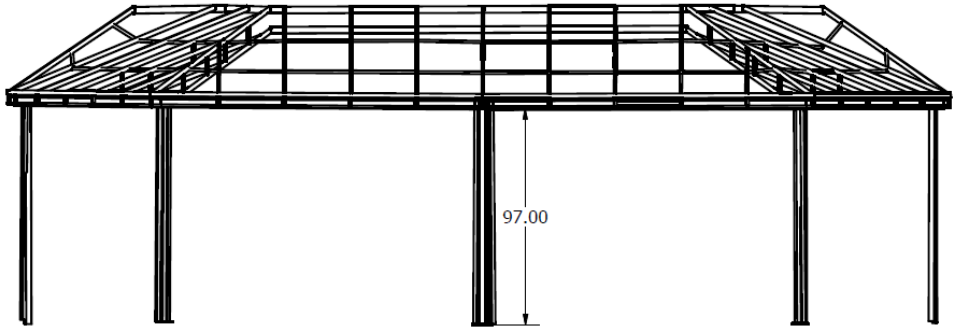


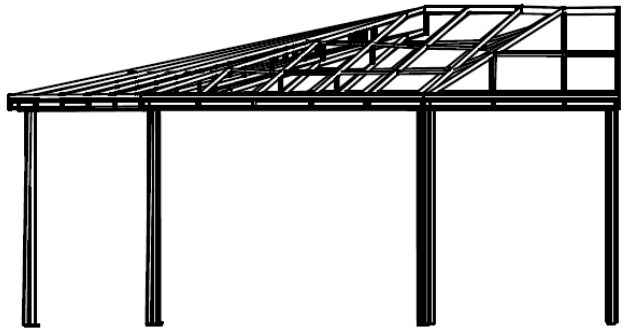
Advanced Textiles EXPO®





Frame construction and splits may vary slightly
Posts to be located at previous positions.







Patio Canopy



Advanced Textiles EXPO®

Stairway Canopy





Advanced Textiles EXPO®

Roof Top Trellis Canopy





Advanced Textiles EXPO®


See You Next Year In
Charm City
Baltimore
MARYLAND
Advanced Textiles
EXPO®
Oct. 26–28,
2027

See you next year!

Advanced Textiles EXPO®

ORGANIZED BY ATA

Oct. 26–28, 2027 | Baltimore, MD USA