



A revolution in mass
and cost savings

ANISOGRID LATTICE STRUCTURE



- Satellite Central tube, Boom sections & Struts tubes
- Up to 90% mass savings compared to metallic solutions
- Up to 60% mass savings compared to other composite solutions
- No cost gain compared to other composite solutions
- No cost gain for changed fiber directions
- In-house Filament Winding manufacturing

PERFORMANCE

- Carbon/Glass Fiber / Epoxy space grade materials: Tailored
- Fiber directions from 0° to 90° : Tailored
- Strength, Stiffness and CTE performance: Tailored
- Interfaces: variety of solutions, metallic and CFRP
- Size, std. lead-time: $\varnothing_{\max} = 500$ and $L_{\max} = 3500$
- Size, prolonged lead-time: $\varnothing_{\max} = 2000$ and $L_{\max} = 3500$

One-Stop-Shop Space Composite Structures.

SCSDK offers design, engineering, manufacturing, verification & integration support for all types of space vessel composite structures. We are a High-Tech firm focusing on disruptive approach to Space business:

keep the quality / lower the cost.

Space Composite Structures DENMARK ApS

Forskerparken 10,
DK-5230 Odense M
+45 9383 6595
www.scsdk.dk

SPACE
COMPOSITE STRUCTURES
DENMARK