

IsoTruss



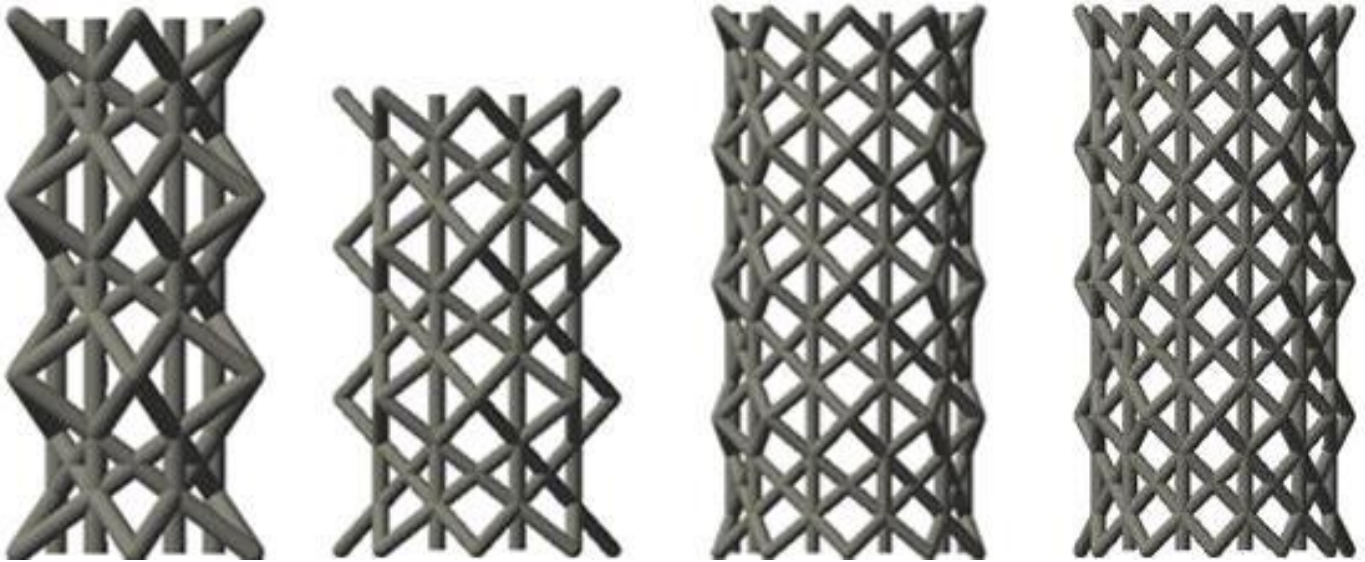
Conventional building materials will soon face a new competitor... lighter than wood, more resilient than concrete and up to 12x stronger than steel.

Everything changes with IsoTruss...



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IsoTRUSS



Wound composites of Kevlar and carbon fiber in an isotropic structure provide omni-directional improvements to strength and are impervious to environmental elements.

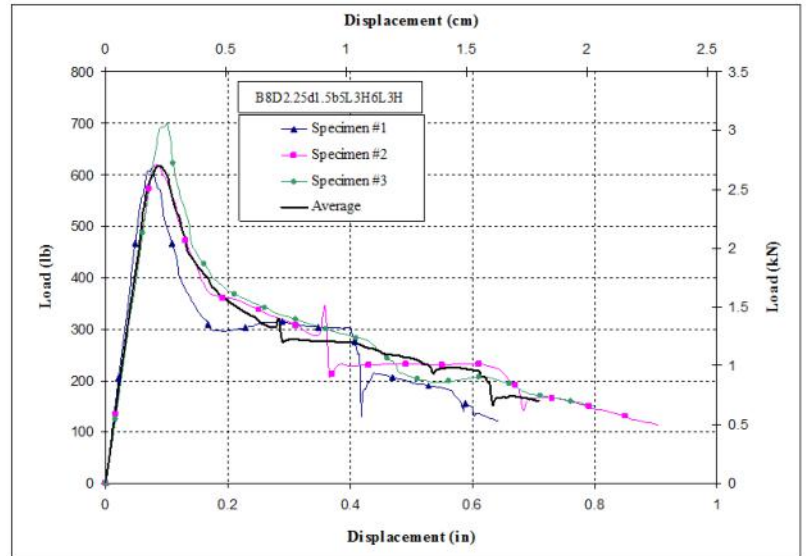
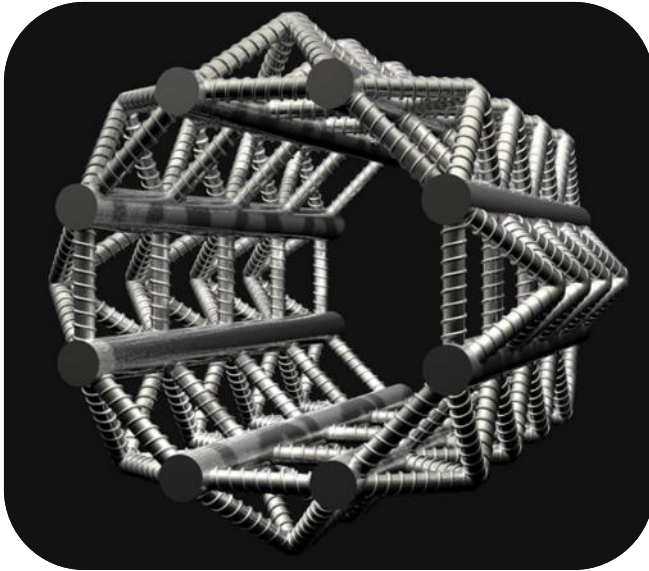
Imagine carrying a 40ft utility pole to a job site...

...without a crane



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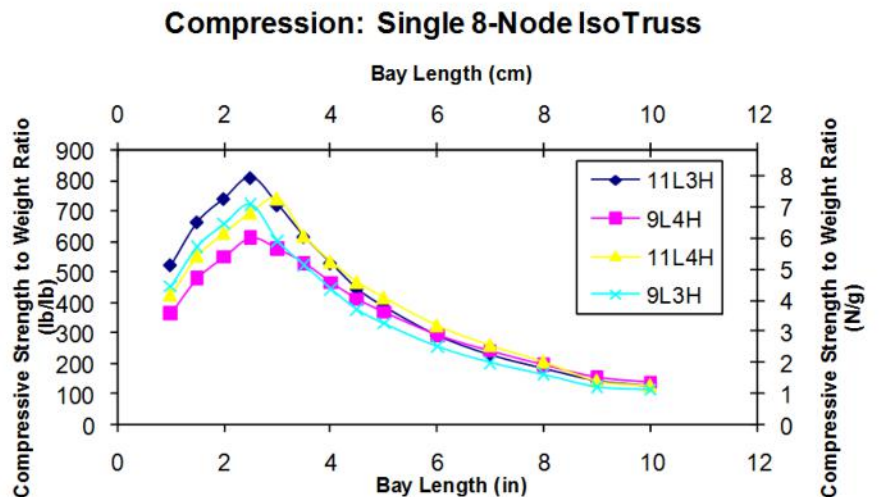
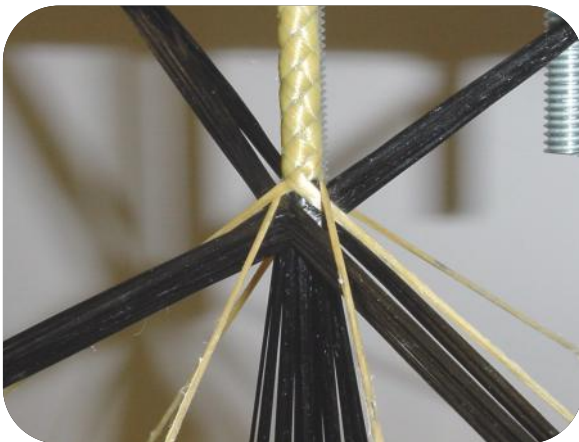
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The unique structure and high performance fibers provide optimum strength to weight ratios that are unequaled.

NASA Langley Research Center contributed to IsoTruss research and development and selected it for for structures in future programs due to massive strength and weight savings.

http://spinoff.nasa.gov/Spinoff2007/ip_1.html



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The bicycle industry was one of the first to embrace IsoTruss technology, and the industry is buzzing with anticipation for the release of the first production bikes from "Open Air Composites/Kovit Cycles LLC" (www.kovitcycles.com) of Provo UT. These bikes will be available in December 2013 and have already proven to be the lightest and strongest bicycles in the world. Open Air's IsoTruss frames have NO WEIGHT LIMIT yet weigh less than 2.5 pounds.



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With IsoTruss, the sky's the limit...

...the possibility exists to weave structural members on the job site, saving significantly on transportation, inventory and logistic costs.



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Imagine working with material 12 times stronger than steel, a fraction of its weight and unaffected by the elements...

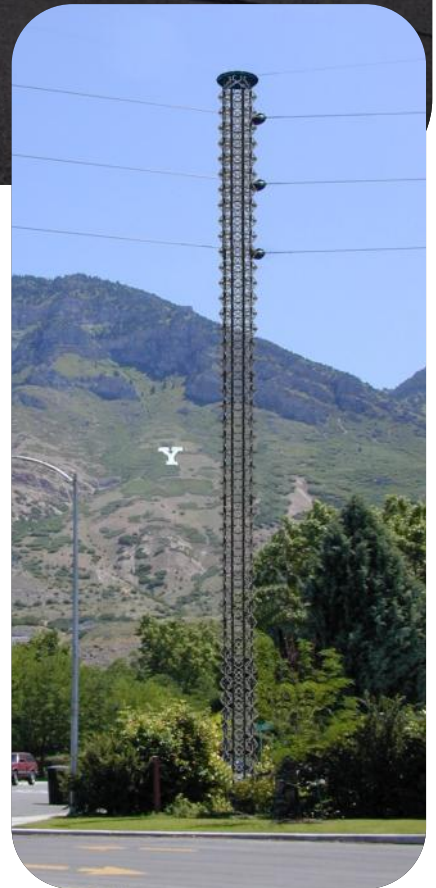
...no rust, rot or fractures.



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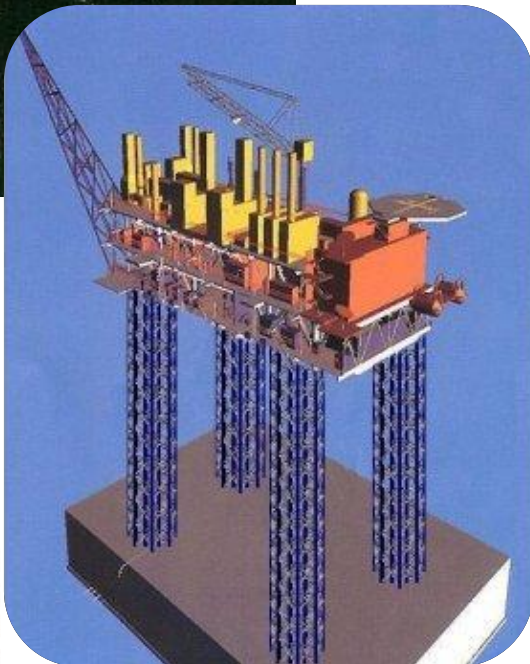
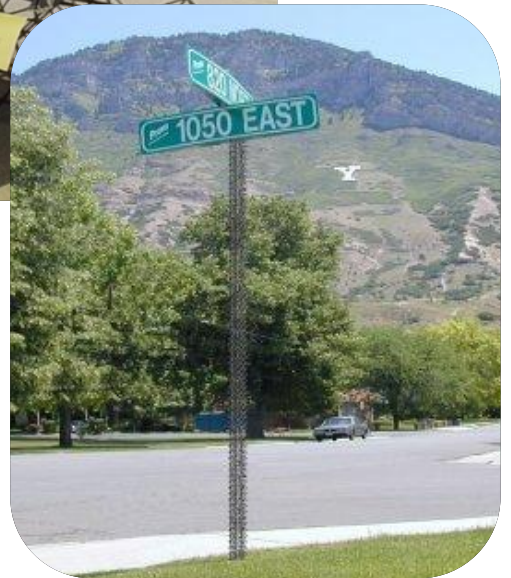
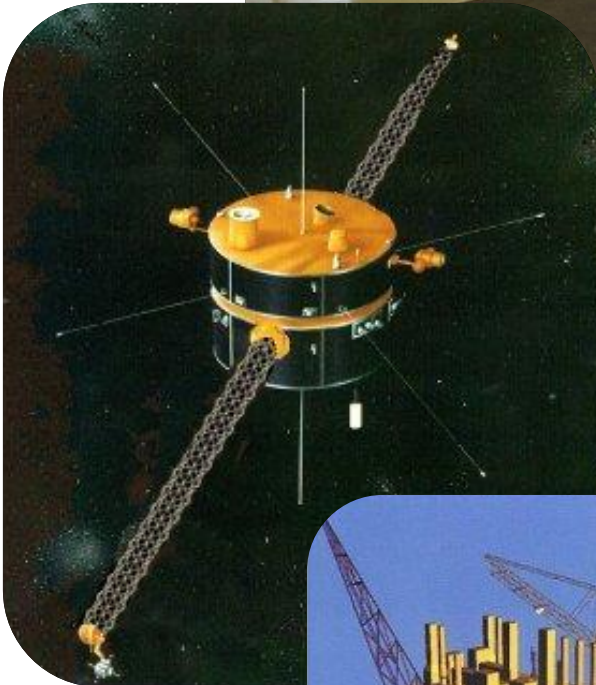
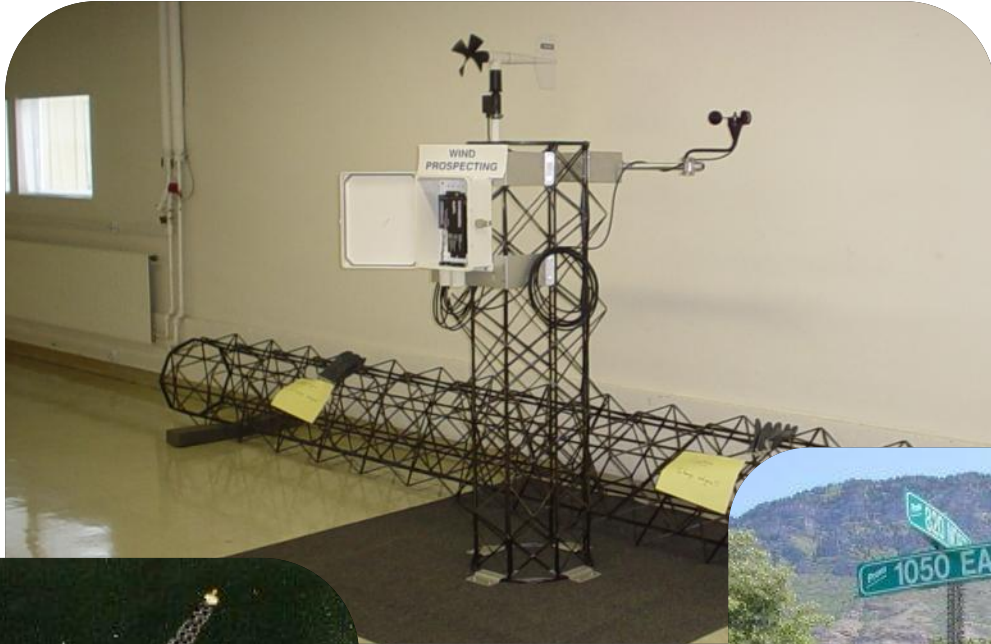
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The limitations of IsoTruss are equal only to the limitations of one's imagination. Here are just a few experimental ideas that have been conceived or built.



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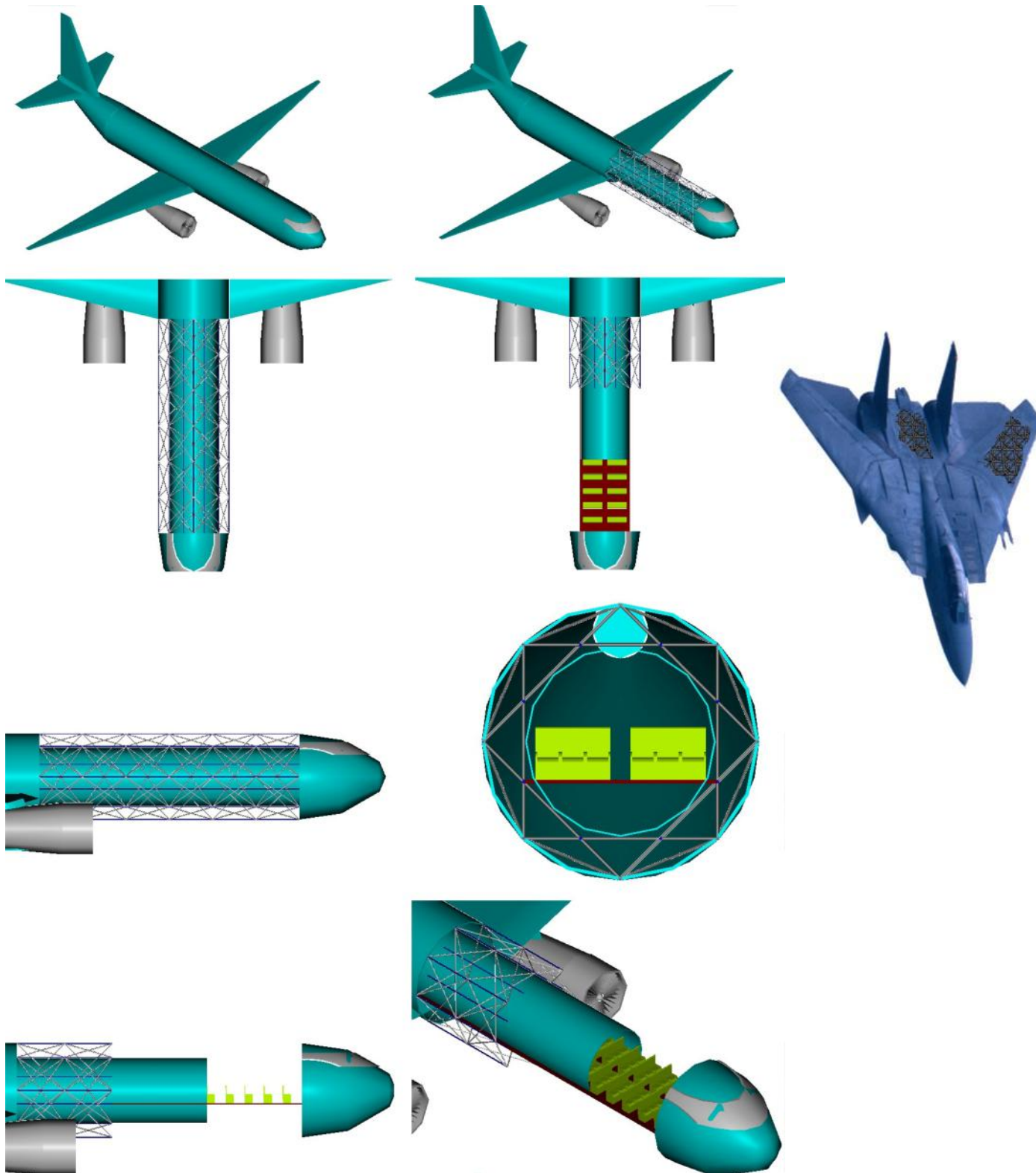
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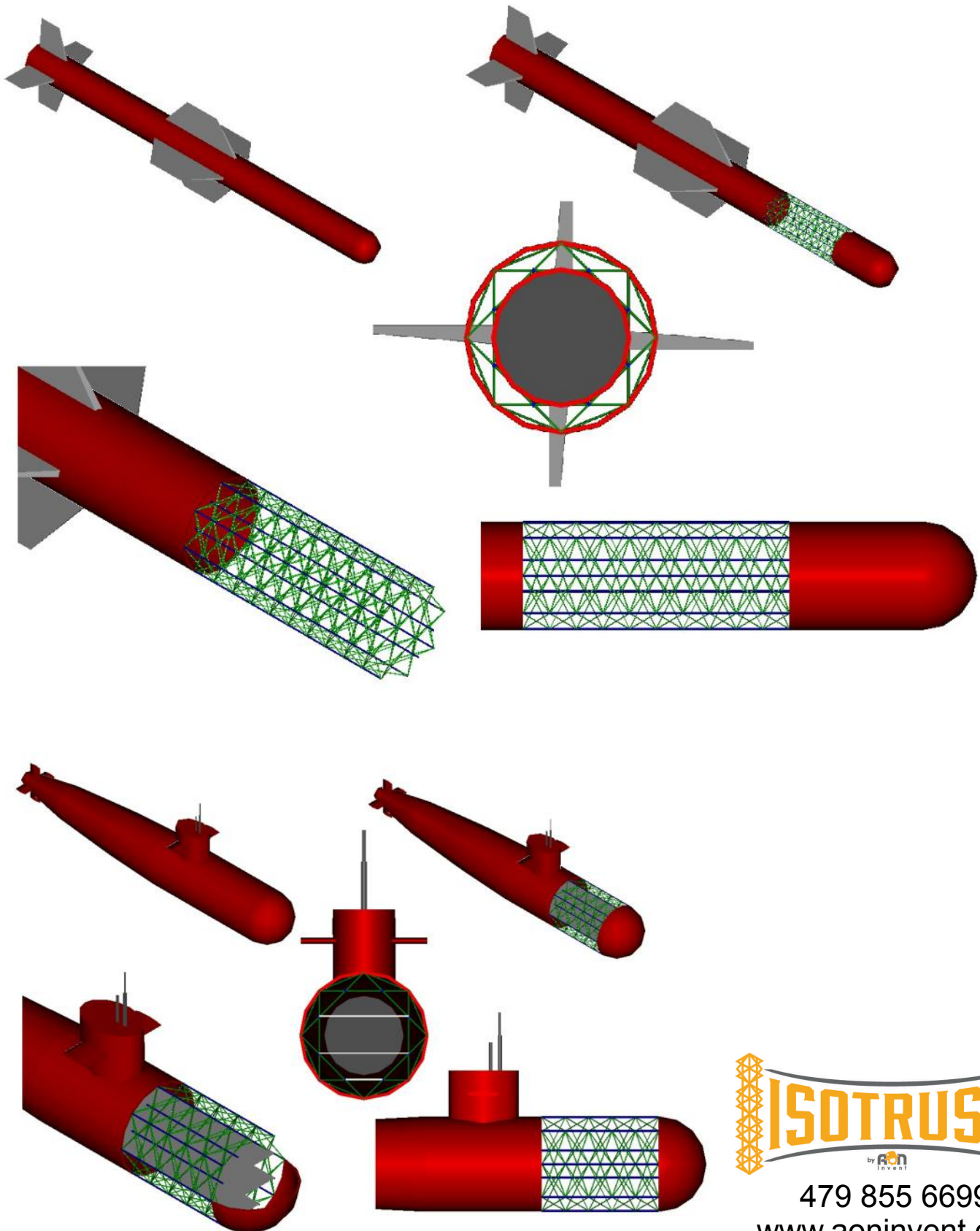
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AON Invent is in the process of developing the next generation of automated machines and software plug-ins for engineering CAD programs that will take IsoTruss technology from the research lab to factories around the world, where its lightweight footprint is destined to make a huge impact.

For further information, contact AON Invent.
479 855 6699 info@aoninvent.com

