



Steelhead Composites

BACKGROUND

a global leader in the design and manufacture of composite high-pressure vessels for the **hydrogen**, **fluid power** and **gas storage** markets across multiple sectors including marine, aerospace and automotive

PROFILE

- Full-service engineering, testing, prototyping & production of lightweight, high pressure vessels
- Sustainable, scalable manufacturing in Golden Colorado
- Fully digital, efficient and nimble shop floor
- Significant IP in processes, programs and patents
- ISO 9001-2015 and AS9100-Rev D certified quality management system
- ISO 14001 environmental management system
- Gold Leader in Colorado Environmental Leadership Program (ELP)
- DOT, CE, DNV GL, ABS & ISO product certifications
- Global customers in aerospace, defense, automotive, space, robotics, marine and oil & gas



PRODUCT DEVELOPMENT



SPIN FORMING

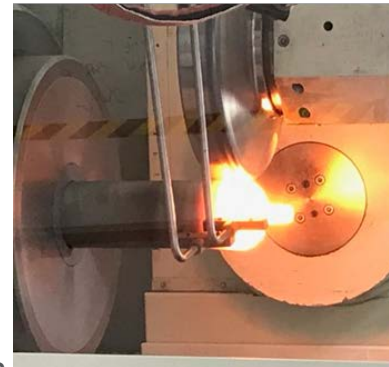


FILAMENT WINDING



TESTING

STEELHEAD



Company Snapshot

- ~100 customers across 24 countries
- USA designed and manufactured
 - All in house design, prototyping, testing, production
 - Spin forming – Aluminum and Stainless Steel
 - Filament winding – traditional and non traditional shapes

TIME FOR A CHANGE

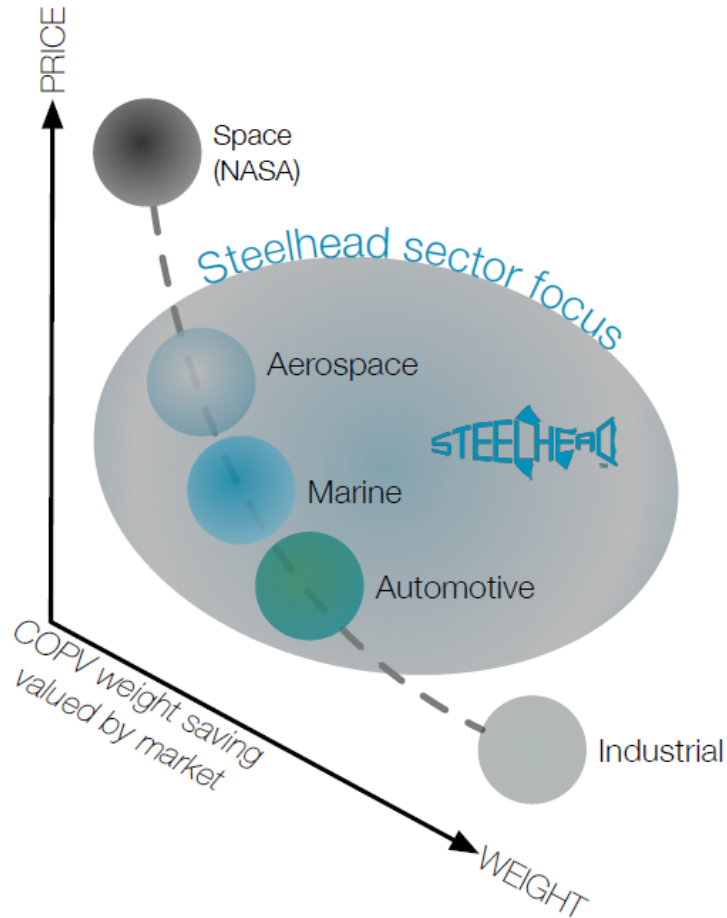


**1 CONTAINER SHIP
POLLUTES AS MUCH AS
50 MILLION CARS**

*and there are 90,000
such ships of varying
sizes across the world at
any one time*

APPLICATIONS

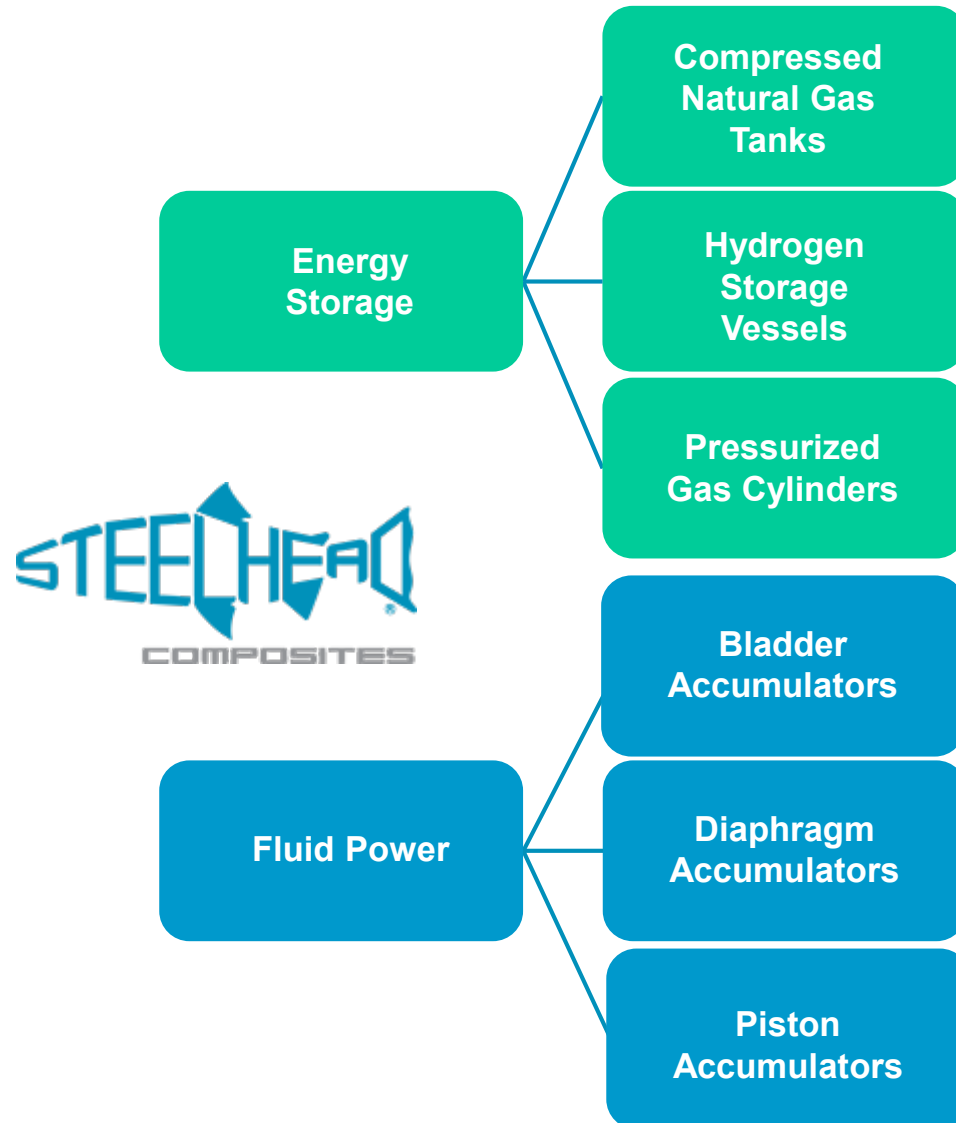
Every pressure vessel type has a place in the ecosystem



Steelhead Type 3 for Marine

- Robust and Known Safety Risks
- Permeation free

PRODUCT FAMILIES



Contract
Composites



Contract
Testing

STEELHEAD?



All hydraulic composite bladder accumulator & hydrogen vessel products have a patented steel polar boss to mate with the valves or plugs

STEELHEAD FOR:

Fluid Control

- Gives steel to steel connections that are standard in the industry
- Reduces the chance of cross threading
- Allows for large port openings for ease of maintenance

Hydrogen & CNG Storage

- Large opening for integrated valves
- Additional strength for neck mounting applications

APPENDIX
