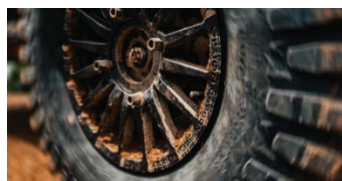


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Capability Statement

www.visioncompositeproducts.com

Vision Composite Products, LLC (VCP) was founded in April 2017 to develop and deliver some of the most advanced structural carbon fiber composite products in the world. The research and development journey started in 2012, and VCP was the first company to introduce Carbon Fiber Forged wheels® to the market in 2022. VCP is a certified ISO 9001:2015 by NSF-ISR USA manufacturing facility that can provide solutions for any industry including automotive, industrial, or recreational.

Please contact us at www.visioncompositeproducts.com or email info@visioncompositeproducts.com

CORE COMPETENCIES

ISO 9001:2015 by NSF-ISR Certified Facility:

Forging equipment
MES System
X-Ray with Computed Tomography Machine
CNC Mill
CNC Vertical Lathe
Waterjet
Custom Wheel Leak Tester
Automated CMM
FARO Scanner
Impact Tester
Tire/wheel Balancer
Preheat Oven
Bandsaw
Belt Grinder
Tooling
Media Blast
Liquid Painting
SAEJ3204 Test Equipment
Design / Engineering Services
Final Assembly

ADVANTAGES

- ✓ Experts in carbon fiber composite manufacturing and assembly.
- ✓ Buy American! 100% USA owned and operated manufacturing.
- ✓ SBA small business
- ✓ Minority Business Enterprise (MBE)
- ✓ HUBZone facility location
- ✓ Capable of high-volume manufacturing
- ✓ Green Technology/ Green manufacturing.
- ✓ Expect major product weight savings, Typically, 30-40% lighter than aluminum.
- ✓ Superior strength to traditional metals
- ✓ Corrosion Resistant Materials
- ✓ Supports Recycle/Downcycle supply chains.
- ✓ Full-service engineering support for design and analysis including:
 - FEA
 - Mold Flow
 - 3D Modeling
 - CAD/CAM
- ✓ Custom test / assembly equipment design
- ✓ Highly experienced staff from Fortune 500 companies.

NAICS & PSC CODES

335991 – carbon fiber specific
336390 – other motor vehicle parts mfg.
114210 – hunting and trapping

PAST PERFORMANCES

- Automotive Aftermarket Wheel Programs.
- Recreational hunting tree-stand
- Global automotive EV manufacturer.
- Power sports vehicle performance parts and testing.

Vision Composite Products
www.visioncompositeproducts.com
1-800-633-3936

FAQ

1. Do you design your own CM tooling? Some tools are owned by us, others by customers. We are willing to invest and amortize to piece part if business model makes sense.
2. What materials do you use in your CM tools? We use P20 steel with chrome plating for parts requiring 200,000 to 500,000 shots. For prototype we can use S45C steel. It reduces cost in half and can produce over 100,000 shots. All tooling lead time depends on geometry / complexity but 8-12 weeks to make the tools.
3. What are the composite processes you employ? Compression Molding, Injection Molding, hand laid, etc... Compression Molding SMC. We also work with A&P for continuous fiber preforms and have experience with inlays w/ compression molding SMC.
4. What composite materials do you have experience with? Epoxy, Urethane, Vinyl Ester resins – glass, carbon fibers... We have extensive experience with Vinyl esters, glass fibers, epoxy resins, and carbon fibers. We have also experimented with graphene fillers.
5. Do you work with discontinuous and/or continuous fiber products? BMC, SMC, prepreg... we have worked with both chopped fiber and continuous fiber / prepreg.
6. What is the capacity (tonnage and platen size) of your press(es)? i.e. what is your part size limit? We have 2 presses active and 1 on order.
Press 1: Sutherland : 550 Ton, 60"x48" bed with 48" daylight
Press 2: Magnum 600 Ton, 84"x48" bed with 54" daylight
Press 3 (active this summer): Beckwood 500 Ton, 60"x48" bed with 72" daylight

Example Components



Fig 1. 20x9.5" Carbon Fiber Wheel
Can Forge up to 22"x 12" products at a time using up to 550 Tons of pressure

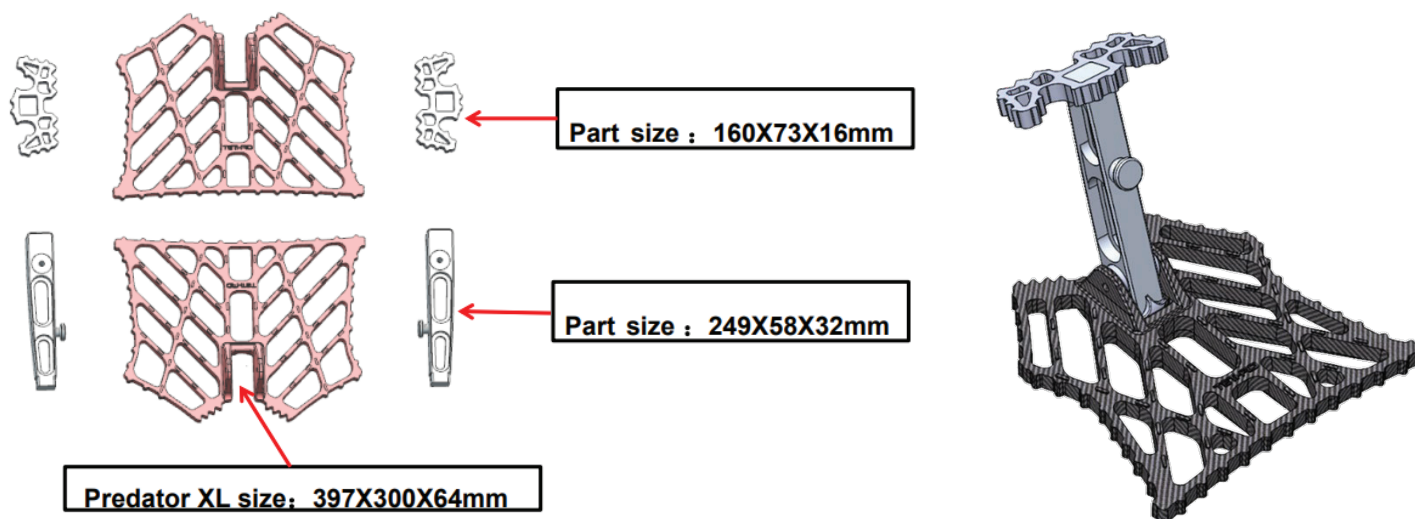


Fig 2. Predator Hunting Platform