



Forging Futures Idaho

# Idaho Manufacturing



***FORGING  
FUTURES***



**Manufacturing has a range of fields, including designing machinery, developing products, knowing how to fix robots, working in software, and developing green technology.**

**“Manufacturing, the tangible expression of ideas that change the world like mechanical hearts or airbags, saves lives. Manufacturing is how we interact with the universe.”**

**- JoAnn Mitchell, Senior Project Leader Sandvik Cormorant**





# Sectors



Types of Sectors in Idaho

Aerospace

Textiles

Transportation

Plastics

Miscellaneous

Top Manufacturing Sectors

Computer and Electronic Products

Food and Kindred Products

Chemicals

Machinery

Transportation Equipment

2021 Manufacturing Employment Numbers:

Food Processing **20,457**

Chemical **2,897**

Computer & Electronic Product **12,361**

Aerospace **2,954**

Wood Products **7,210**

Total: **71,000**





Boise



**Black Sage**

AN ACORN GROWTH COMPANY

# BLACK SAGE

Defense company located in Boise that provides tech solutions to stop drones from threatening airports, military forces, & other infrastructures.

Their eclectic team is made up of former military members, teachers, outdoor enthusiasts, coders, and more.



**In 2020, won the  
Coolest Thing Made  
in Idaho contest!**



# inventive-group

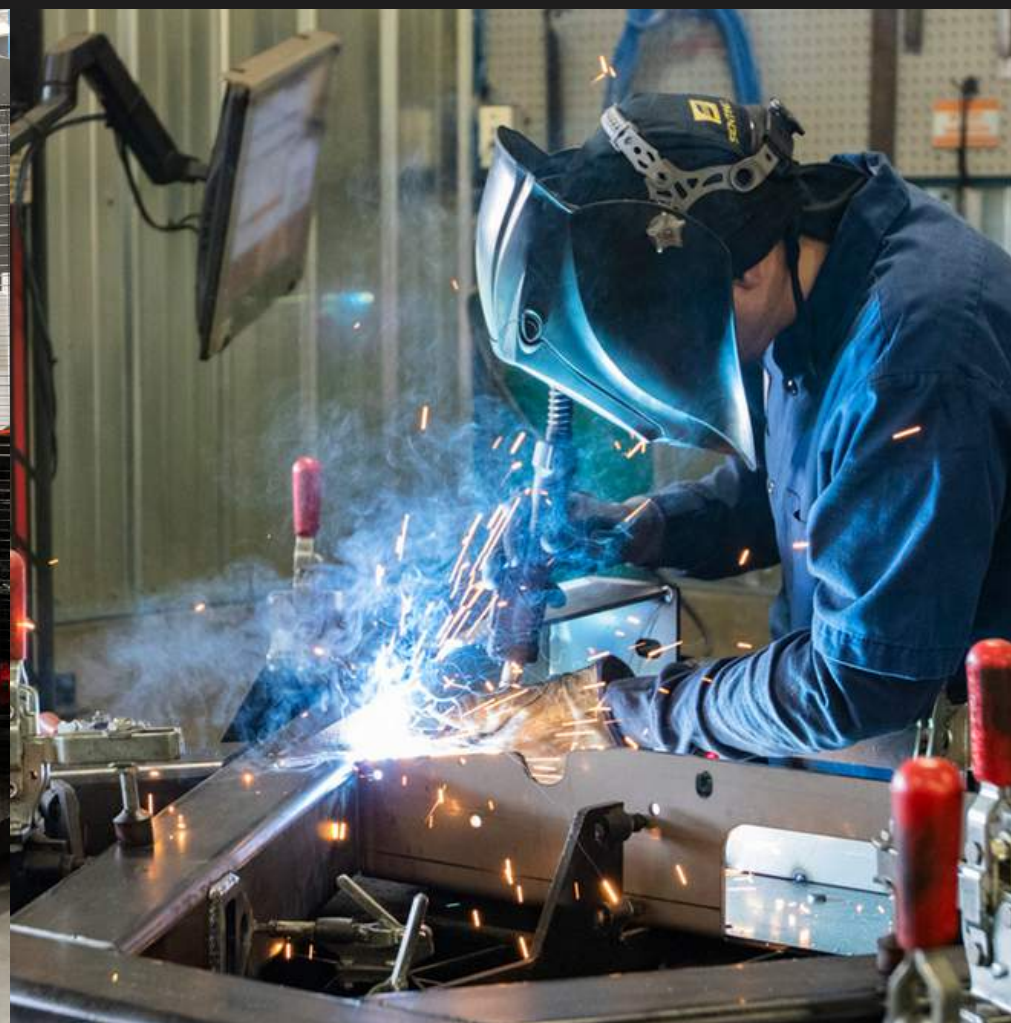
One Company, 4 Brands



## Inventive-Group

Mountain  
Home

A Lean Manufacturer that started making towing products and now designs and produces items used around the world for towing, fishing, & UTV industries



**Hiring:** Engineers, CNC Operators, Welders, Robotic Technicians, Powder Coaters/Painters, Accountants, Logisticians, Salespeople, Administrators, Graphic Designers, Web Developers, Video Producers, etc.





# Hempitecture

Building a better world by creating  
natural, healthy, & sustainable  
building materials



## Products:

### **HempWool**

A high-performing bio-based plant fiber insulation made from 92% industrial hemp. It has high thermal resistance, high mechanical strength, and low carbon footprint (it's good for you and the planet)!



### **Hempcrete**

A fireproof natural insulation made from 3 ingredients; Hemp Core, lime (a mineral), & water. These materials combined make a dense cement look-a-like insulation that is built to last. It is non-toxic and provides high energy performance while absorbing CO2, unlike most conventional building materials!





Post Falls



# ATC Manufacturing

Founded in 2004, ATC provides high performance aerospace composites. Their thermoplastic composites combine low weight and high strength.

All manufacturing is done in-house and ATC has been recognized as a top-performing facility and supplier for aerospace composites.

## Processes Provided:

- Material Prep & Formatting
- Lamination
- Roll & Stamp Forming
- CNC Machining
- Bonding
- NDI, CMM, Laser, Microscopy, & Mechanical Inspection
- Surface Prep
- Priming, Painting, & Edge Seal
- Assembly





# What would you produce as a manufacturer?

**There are more  
than 1,600  
manufacturers in  
Idaho!**



## Each day a new concept gets closer to realization

This presentation gives you a glimpse of Idaho's manufacturing industry that is consistently growing and evolving through its products, processes, and technology.

Think about the types of careers available in manufacturing and the manufacturers that you know. What would you manufacture?



