

**Design Flexibility.  
Field-Proven!**

**PURE GOLD**

## **CARBON LUG SHAFT - MODEL 1240 LG**

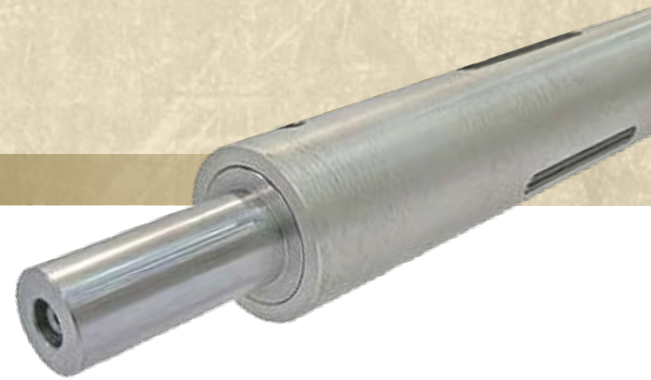


The **Goldenrod/Svecom CARBON Fiber LUG Shaft - Model 1240 LG** combines Svecom's expertise in carbon fiber filament winding with over 50 years of shaft manufacturing know-how.

Available with either thin wall Aluminum or Steel protective sleeves, these shafts combine the durability to carry heavy loads and the reduced deflection required to run at higher speeds. The lug slots are designed with the latest technology so as to avoid any possibility of surface cracking. The carbon fiber body has an engineered carbon/steel interface with the journals ends that factors in high torque requirements with long lasting service life.

### **Key Features:**

- High modulus, low deflection carbon fiber shafts increase production through higher run speeds and less down time.
- Ergonomic and light weight
- Rugged, yet easy to repair bladder assemblies
- Aggressive Grip metal lugs
- Available in diameters up to 16" in diameter x 280"



### **Non-Expanding 3" Carbon Mandrel with Two 6" Tire Chucks**



**GOLDENROD**



**CORPORATION**

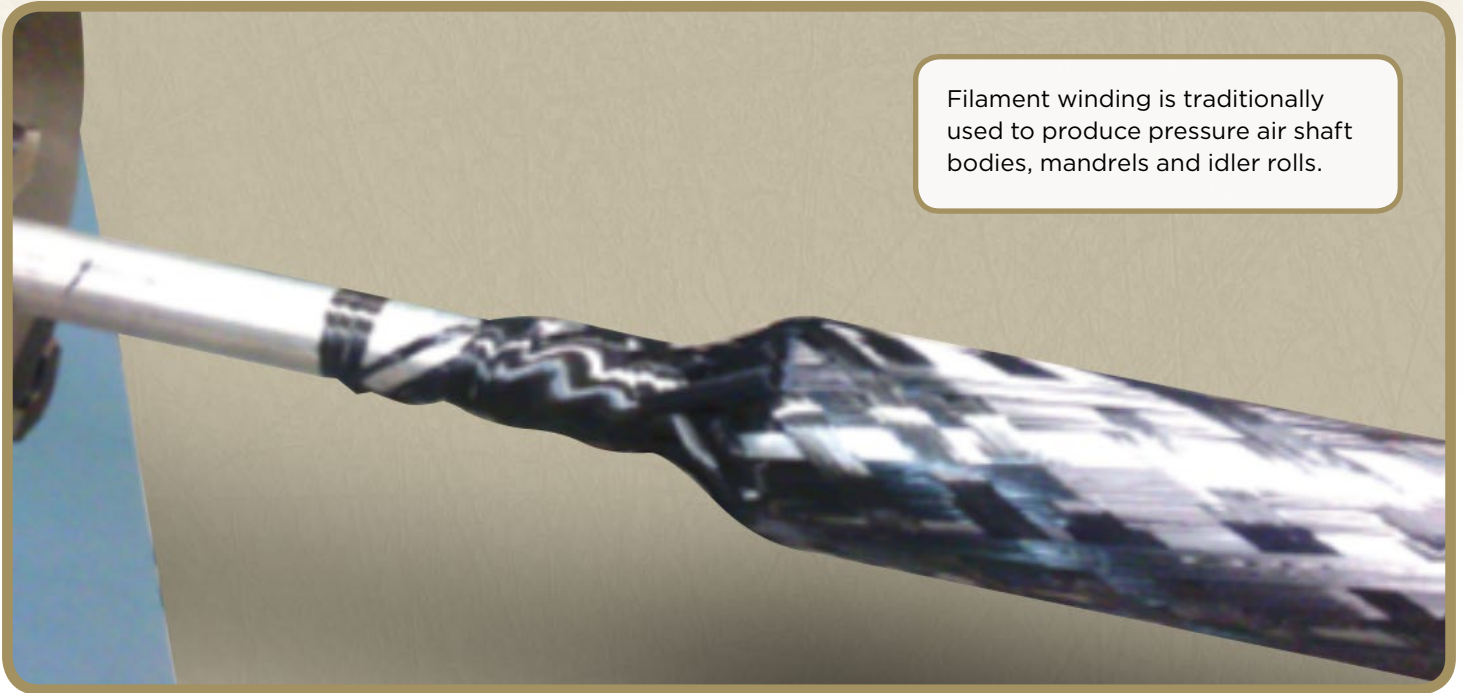
Goldenrod Corporation - partnered with Svecom P.E.



# CARBON FIBER TECHNOLOGY

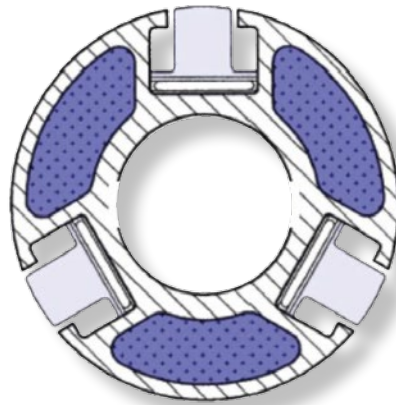
Filament winding consists of winding continuous rovings of fiber onto a rotating mandrel in predetermined patterns. This method of manufacturing provides the greatest control over fiber placement and uniformity of structure. In the wet winding method, the fiber picks up resin either

by passing through a resin bath or from a metered application system. After several layers are wound, the component is cured and removed from the mandrel (or in some cases the mandrel becomes part of the component).

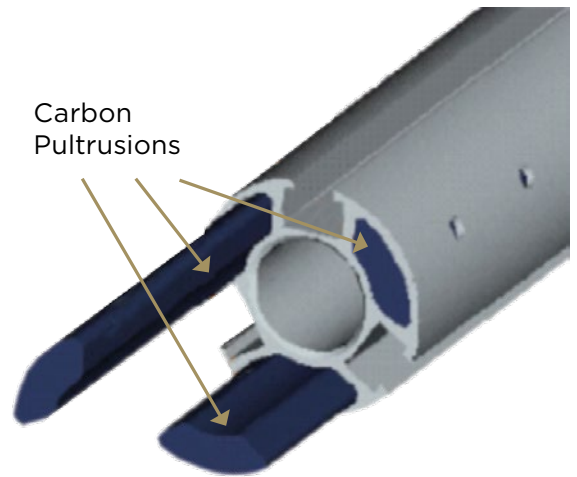


Filament winding is traditionally used to produce pressure air shaft bodies, mandrels and idler rolls.

Also available through Goldenrod Corporation - **Multi-Bladder shafts utilizing Pultrusion Technology** to combine all the advantages of the easy maintenance multi-bladder design with stiffness and low inertia of carbon fiber.

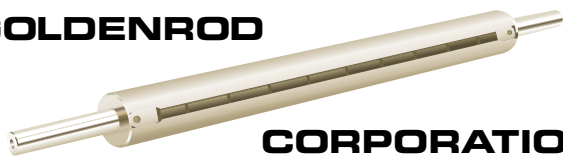


P A T E N T E D



Aluminum completely surrounds the carbon

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