



## CARBON FIBRE PNEUMATIC LUGS SHAFT

We are introducing our new light weight lug carbon fibre air shaft. Our patented technology increases productivity as well as extend the life of the shaft.

Carbon fibre pneumatic lugs shaft is recommended for unwind and rewind applications when using cores.

When compared to existing steel shafts it has the advantage of a less weight; it can be carried by a single

operator without assistance and higher critical speed. The body is made of high strength carbon fibres, fabricated through a high pressure and temperature process comprised of several very thin carbon fibre sheets. We used an aerospace technology to assure the maximal density, the best performance and great reliability.

Our carbon fibre body has 2 exclusive features:

- The new technology lug seats are made of high strength steel that function, not only to avoid any wearing or local cracks, but also to distribute the load uniformly over the whole carbon section. This increases the shaft life greatly when compared to the competitive carbon shafts covered by a heavy steel sleeve.

- The body ends have a new technology steel insert with a specially designed steel-carbon interface to safely transfer the torque

The expanding lugs come in either steel, plastic or rubber covered depending upon core material and torque requirements.

The journal ends are available in a variety of steels and are always custom fabricated.

Expansion is accomplished by a single inflatable tube that exerts pressure to engage the lugs when air is

applied, locking the cores.

Standard diameter is 3" and standard lengths available for this Model are between 800 and 2500 mm, but the shafts are available in other sizes on customer order.

Please contact us for further details.

*In cooperation with:*



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