BARMAG

Gear metering pumps for Carbon fiber products

Carbon fiber - the material of the future

Special materials and surface treatments are required in pumps for the production of some acrylic fibers (PAN), which are used to manufacture carbon fibers. The advantages of carbon fibers are they are extremely strong, light weight, highly fracture resistant and stable, thus reducing carbon footprint in transport applications. Such properties are needed, for example, in aerospace components or automotive parts.

Whilst the use of standard pump materials is acceptable for most traditional wet spinning processes, they are not suitable for the production of fibers produced by advanced spinning. Barmag has the necessary knowledge and experience to develop cost-effective solutions that ensure an excellent metering performance over a long period of time for both processes



Applications

- Aerospace components
- Wind turbine blades
- Automotive parts
- Action sports, and recreation products

Pump highlights

- Designs for new and existing applications
- 1 or 2 inlets - 1 to 4 outlets
- Single or line shaft drive options
- Many pumps operating with many end users



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Subject to technical modification
and other changes.
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