



CFRP rollers

We use our experience, drive and innovative ability to offer our customers high quality, light weight carbon fibre reinforced polymer composite rollers.



pronexos



Carbon fibre rollers versus steel rollers

Our carbon fibre rollers are engineering fit for purpose items that offer tremendous advantages over steel rollers. Advantages include:

- Virtually no frequency transference with carbon fibre means rollers can operate at higher speeds than steel
- Reduced stress greatly increases the life and efficiency of motors and bearings
- Reduced energy consumption
- Carbon fibre rollers have 80% reduced weight of a steel roller, reducing handling and safety & health risks on change over
- Carbon fibre rollers accelerate/decelerate significantly faster than steel rollers.

Our CFRP roller specifications

We provide lightweight rollers and shafts with dimensions of a maximum length of 4000mm (6000mm available as of mid 2019), minimum inner diameter of 20mm and a maximum outer diameter of 400mm:

- Using fibres such as glass fibre, HT, HM, UHM and UUHM
- Automatic mixing, dosing and thermographic determination of resin blends
- Excellent laminate and surface quality for rubber coating
- Providing in-line gelling and post-curing.

Industry sectors

- Printing (all sectors)
- Foil production
- Engineering
- Paper production
- Converting

CFRP roller products

- Guide rollers
- CFRP tubes
- CFRP roller body
- Dancer rollers
- Bubble collapsing rollers
- Contact rollers
- Expander rollers
- Ink application rollers
- Ink transfer rollers



For further information please visit our website or scan the QR-Code:

www.pronexos.com



Management System
ISO 9001:2015
ISO 14001:2015
OHSAS 18001:2007
www.tuv.com
ID 9105029193