



B&T COMPOSITES
COMPOSING THE FUTURE

CFRP High-performance

ROLLERS

CFRP High-performance ROLLERS



Key Benefits

- **Ultra-lightweight:** Up to 70% lighter than steel rollers > lower inertia, faster acceleration.
- **High stiffness & strength:** Ensures precise web guiding even at high speeds.
- **Reduced vibration & deflection:** Superior runout performance for stable production.
- **Energy savings:** Lower drive power and reduced wear on bearings.
- **Excellent surface quality:** Tailored coatings for films, foils, paper and textiles.
- **Customization:** Available with through-shaft (BA), stub shaft (BB), or journal extensions (BC).
- **Corrosion resistant:** Ideal for demanding industrial environments.
- **Long service life:** Low maintenance and durable under continuous operation.

Available Dimensions



Length

Up to **12.000mm**



Diameter

Up to **1.400 mm**

Surface Structure

Standard: Cylindrical, polished, grinded, pp.

Surface Coating

Standard: CFRP Roller with **AEGIS™ Composite Coating**.

Alternative: Application-oriented surface refinements.

