: **flyCor** felt and wire support poles made of carbon fibre

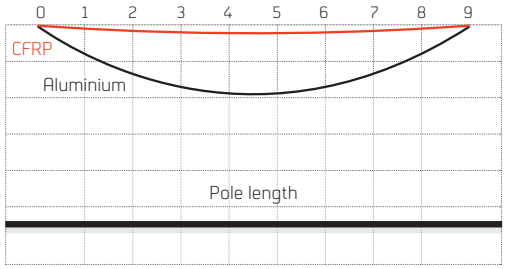
significantly reduced weight
in comparison to aluminium poles

easier handling
for installation and maintenance

longer lasting
than machine clothing change poles made of metal
and conventional carbon fibre poles

changed
on the fly

rigid



Deflection comparison:
The high specific stiffness of CFRP in comparison to aluminium leads to significantly lower deflection with and without load.

:flyCor

felt and wire support poles
made of carbon fibre

: flyCor

Machine clothing change on the fly

: flyCor felt and wire support poles

Flawless felts and wires are essential for a fault-free paper machine operation and consistent paper quality. However, the regular machine clothing change can be complex and time-consuming. Any aid that simplifies the change procedure contributes to increasing the machine availability.
With : flyCor felt and wire support poles made of carbon fibre, changing endless paper machine clothing can be done on the fly – that saves time and money.

: light

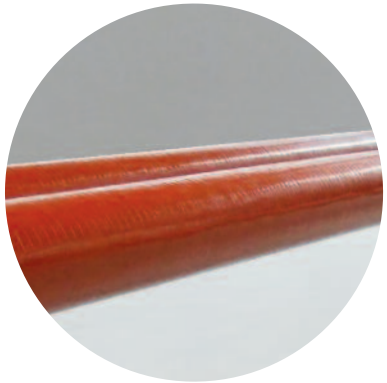
- hybrid design CFRP / GFRP
- significant weight reduction in comparison to aluminium poles
- easier handling
- manual assembly with low personnel resources
- increased work safety
- lower personnel costs and time spent

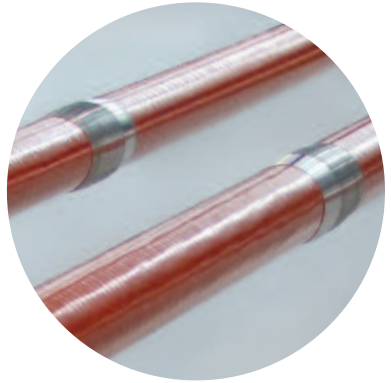
: rigid

- high specific stiffness
- minimal deflection
- no plastic deformation (bending) during operation
- sturdy fabric support

: robust

- made of fibre-reinforced plastic
- interior: CFRP tube
- outer layer: GFRP – increased impact strength and media resistance





: flyCor felt and wire support poles made of carbon fibre

are exactly tailored to the practical requirements of the paper machine operators. Due to their design features and their material properties, they are lighter than machine clothing change poles made of aluminium or steel and significantly more robust and longer lasting than conventional carbon fibre support poles. Their problem-free handling makes the machine clothing change easier and faster, even with paper machines that have a very large web width.

: flyCor

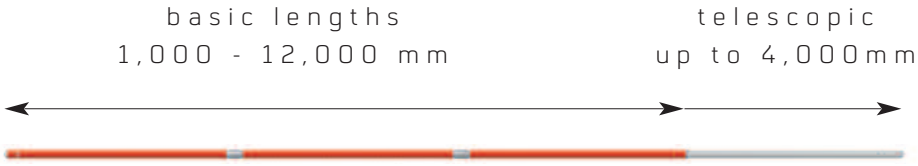
Felt and wire support pole

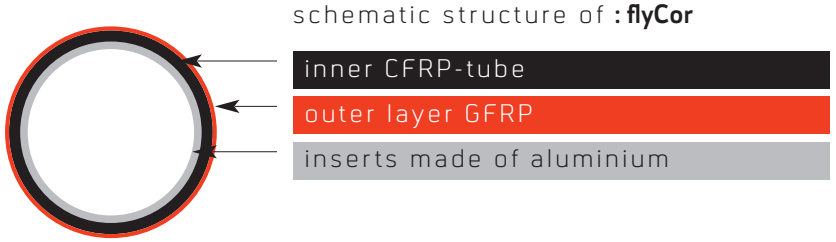
Diameter
freely selectable

Length up to
12,000 mm

Telescopic length up to
16,000 mm

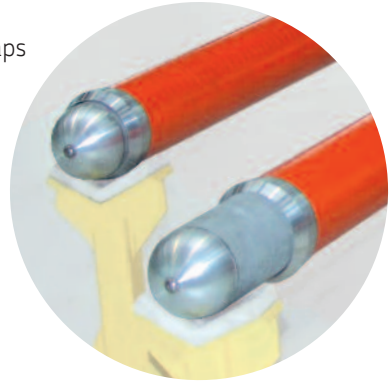
Material
CFRP / GFRP / ALUMINIUM





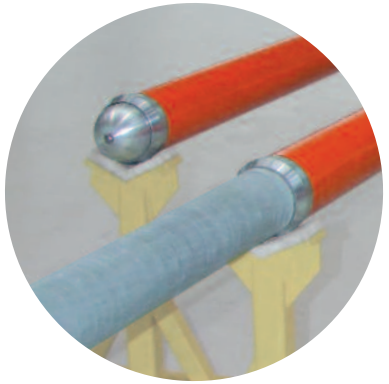
: durable

- high breaking resistance and tear resistance
- high-quality aluminium components
- no swelling in the end area due to aluminium flaps
- aluminium bushings as storage protection
- easy to clean
- excellent media resistance particularly to cellulose residues



: versatile

- telescopic design
- freely selectable diameter
- length adaptable to machine width up to 12 m
- in telescopic design, length of up to 16 m
- interface connections adaptable to specific fastening devices of the machine frame or peripherals, as required



:flyCor

FLYCOR

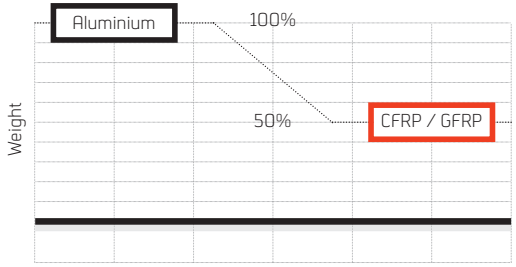
by :CCOR

lightweight
components

Schäfer MWN GmbH
Benzstrasse 40
71272 Renningen
Germany

Tel. +49 (7159) 806-500
Fax +49 (7159) 806-300
info@ccor.com
www.ccor.com

lightweight



Weight comparison:
Due to the lower density, a significant weight reduction can be realised in CFRP/GFRP hybrid design in comparison to aluminium.