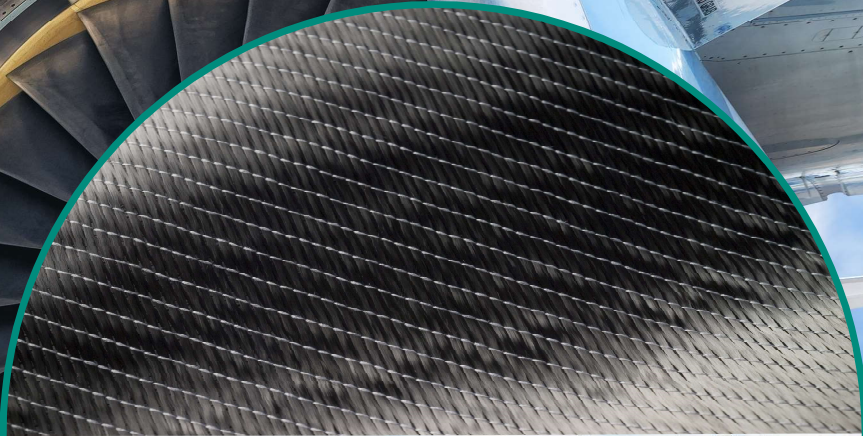


NCF for Structural Components

COP MAX 5

High-performance warp knitting machine for the production of carbon-fibre multiaxial non-crimp fabrics

Article no.	50130		
end use	Structural components		
lapping			
Machine	type	COP MAX 5	
	gauge	E 5 = 5 Needles per inch resp. needles/25,4mm	
	machine width	50 inch	
	number of guide bars	1	
Production			
Fabric Parameters	fabric weight	270 g/sqm greige fabric	
	courses	4,5 courses/cm	
	wales		
	fabric width		
Yarn	GB2: polyester text. 33 dtex f16		
	Weft: +45° 800 tex carbon 12k		
	Weft: -45° 800 tex carbon 12k		
Threading	GB 2	weft	weft
		full	full/
	1-0/1-2//		
Finishing			
Output	Up to: 165 m ² /h - see calculation example		



Calculation Example

working width:	w= 1,27 [m] = 50 [inch]
machine speed:	s= 1000 [courses/min]
courses:	c= 4,5 [courses/cm]
output:	$\frac{w \cdot s \cdot 60 \text{ [min/h]}}{c \cdot 100 \text{ [cm/m]}} \text{ [m}^2\text{/h]}$
	169,33 [m²/h]