### CARBON FIBERS / COMPOSITES



# **SAHM 872XE**

Fully Automatic Rewinding Machine for precision cross-wound packages





WINDING SOLUTIONS

## The automatic precision rewinding machine SAHM 872XE

is equipped with an unwinding station, an automatic take-up winder and an easy storage doffing system (ESD) for bobbin handling.



#### **ADVANTAGES**

- Highest operating safety due to automatic changeover
- · Metered yarn length and zero production waste
- Outstanding flexibility and a wide range of applications
- Standardization of carbon fiber and composite bobbins on the creel side

#### FEATURES O OPTIONS

- Automatic bobbin changeover on reaching yarn length and automation for handling bobbins and empty tube with easy storage doffing system (ESD)
- Unwinding speed sensor technology for reducing touching points of fiber
- Winding length display in HMI
- Stop and start-up function with variable package diameter before and after splicing (alternatively by yarn length or package weight)
- Central process control unit (HMI 12" touch screen) for input, display and storage of process and machine parameters
- Central alarm management (e.g. yarn break, bobbin changeover)
- Yarn tension electronically adjustable
- Bail pressure electronically adjustable
- O Hand-held splicing device for splicing of two bobbin ends

Design, configuration and scope of supply are subject to change without notice and errors are excepted. Drawings/photos not binding.

#### **APPLICATIONS**

- Carbon fibers
- Specific towpregs



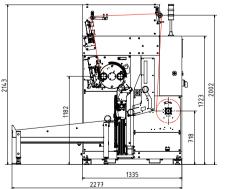
#### **TECHNICAL DATA**

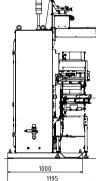
Winding technology	Precision cross winding	
Drive	Frequency-controlled	
Titer	3 to 60 K (others on request)	
Winding speed	30 to 120 m/min	
Winding ratio	Electronic	
	Take-up winding unit	Unrolling unit*
Traverse length	240 mm	Max. 250 mm
Package diameter	Max. 320 mm	Max. 320 mm
Tube inside diameter	76.2 mm	76.2 mm
	280 mm	280 mm*

\* A wide range of other specification on request.

Combination of all maximum values is not possible.

#### **FRAME UNIT**







Georg Sahm GmbH & Co. KG Sudetenlandstrasse 33 · 37269 Eschwege · Germany T: +49 5651 804-0 · F: +49 5651 13620 www.sahmwinder.com · info@sahmwinder.com

