

CARBON FIBERS / COMPOSITES



SAHM 872XE

Fully Automatic Rewinding Machine
for precision cross-wound packages



WINDING SOLUTIONS

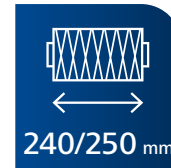


The automatic precision rewinding machine **SAHM 872XE** is equipped with an **unwinding station**, an **automatic take-up winder** and an **easy storage doffing system (ESD)** for bobbin handling.



APPLICATIONS

- Carbon fibers
- Specific towpregs



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 ○ 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
- 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.

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
Tube length	280 mm	280 mm*

* A wide range of other specification on request.
Combination of all maximum values is not possible.

FRAME UNIT

