

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                    |                        |
|                      | <b>Take-up winding unit</b>   | <b>Unrolling unit*</b> |
| 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

