CARBON FIBERS

SAHM 832XE

Rewinding System for Jumbo Spools

SAHM

SAHM 832XE

For best performance in winding, unwinding and rewinding of jumbo spools.

APPLICATIONS
- PAN precursor yarns

200 m/min   **350** kg   **800** mm

ADVANTAGES

The SAHM 832XE supports standardization of bobbins on the creel side through splicing of short bobbins into a single large standard size. This reduces waste and allows for longer periods of uninterrupted production for higher efficiency and throughput.

● FEATURES ○ OPTIONS

- ● Electronically controlled and infinitely variable winding ratio
- ● Central Process Control Unit for input, display and storage of process and machine parameters
- ● Speed synchronization between unwinding and rewinding
- ● Stop and start up function with variable package diameter before and after splicing (alternatively by yarn length or package weight)
- ● A/C motor-driven and tension-controlled unwinding
- ● Unwinding speed adjustment via potentiometer
- ● Freely programmable prewarning and target rewinding length
  – Automatic speed reduction when prewarning length is reached
  – Automatic stop when target length is reached
- ● Godet roll for tension control between unwinding and rewinding
- ● Pneumatic mandrels for unwinding and rewinding
- ● Pneumatic doffer for rewinding position
- ○ Hand-held suction device for doffing procedure
- ○ Hand-held splicing device for splicing of two bobbin ends
- ○ Special traverse system for two selectable traverse widths (either between 500 and 750 or 500 and 800 mm)
- ○ Spindles with ball bearings for easy doffing

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
Frame	1-tier
Titer	3 to 60 K (others on request)
Winding speed	50 to 200 m/min
Winding ratio	Electronic
Traverse length	700, 750 or 800 mm
Package diameter	Max. 800 mm
Tube inside diameter	133, 140 or 144 mm
Tube length	750, 800 or 850 mm
Package weight	Max. 350 kg (depending on density)

Combination of all maximum values is not possible.

LAYOUT

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GERMAN Technology