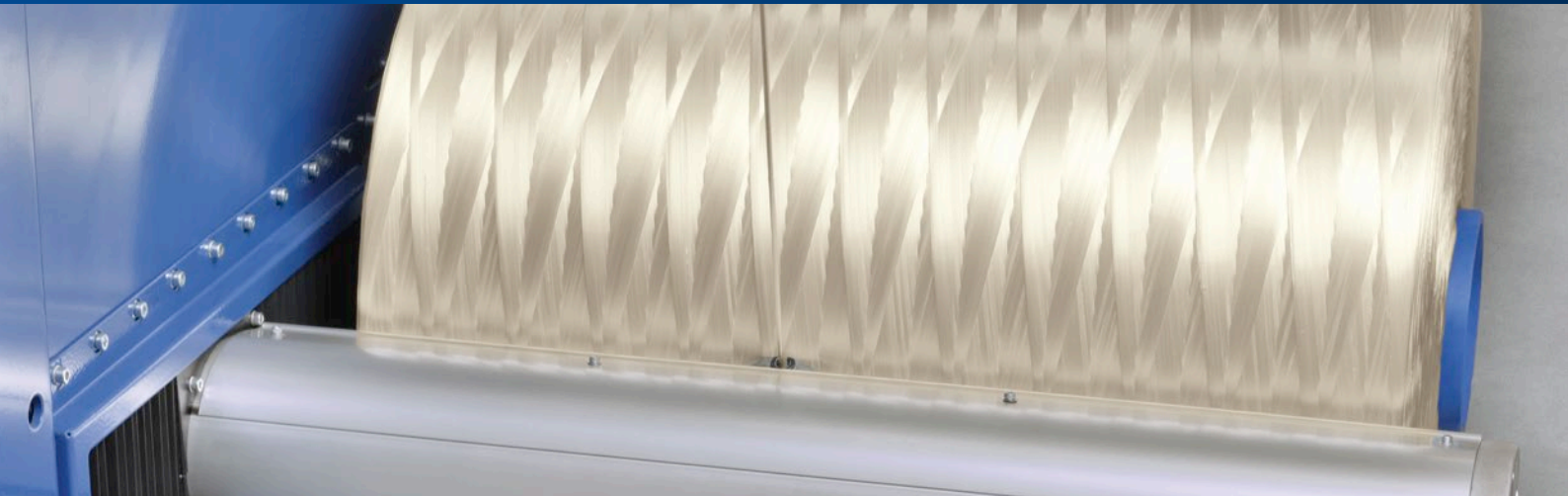


CARBON FIBERS



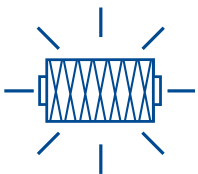
SAHM 830XE & 840XE

Jumbo Winders for PAN Precursor Yarns

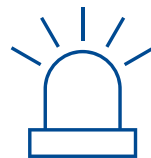


WINDING SOLUTIONS





Excellent package quality



Alarm management
(yarn break, yarn length,
package diameter)



Modular design
for heavy-weight
PAN bobbins



Electronic input
of all winding parameters

SAHM 830XE & 840XE

TECHNICAL DATA



SAHM 830XE

300 kg

800 mm

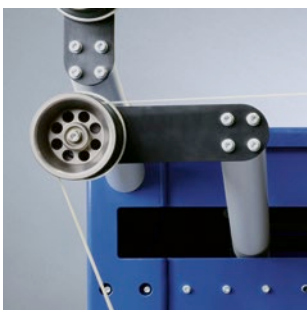
SAHM 840XE

500 kg

1,000 mm

	SAHM 830XE	SAHM 840XE
Winding technology	Precision cross winding	Precision cross winding
Drive	Frequency-controlled	Frequency-controlled
Frame	1- or 2-tier	1- or 2-tier
Titer	3 to 60 K (others on request)	12 to 60 K (others on request)
Winding speed	50 to 150 m/min for wet spinning, 200 to 550 m/min for air-gap spinning (others on request)	50 to 150 m/min for wet spinning, 150 to 450 m/min for air-gap spinning (others on request)
Traverse length	700 mm	800 mm (others on request)
Package diameter	Max. 800 mm	Max. 1,000 mm
Tube inside diameter	133, 140 and 144 mm (others on request)	190 mm (others on request)
Tube length	Max. 750 mm	Max. 850 mm
Package weight	Max. 300 kg	Max. 500 kg

Combination of all maximum values is not possible.



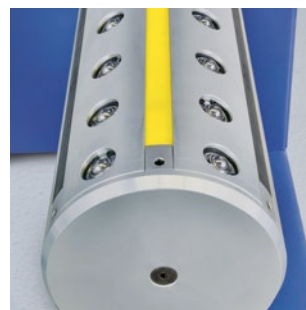
Innovative yarn entrance

Patented yarn entrance maintains a constant angle as package diameter increases to improve the quality of fiber by reducing friction on the yarn guide.



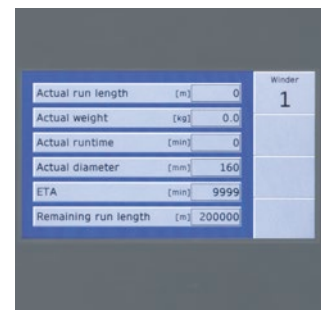
Pneumatic doffer

The pneumatic doffer supports wireless communication with the handling system.



Easy doffing spindle

The ball bearing spindle design with homing sensor technology reduces spindle wear and facilitates bobbin doffing.



Ready for Industry 4.0

- NFC tag technology
- Remote Support capability
- Prewarning and alarm system via WiFi and/or SIM network
- OPC data transfer technology
- Communication with DCS and robot handling systems

SAHM 830XE & 840XE

Jumbo Winders for PAN Precursor Yarns



APPLICATIONS

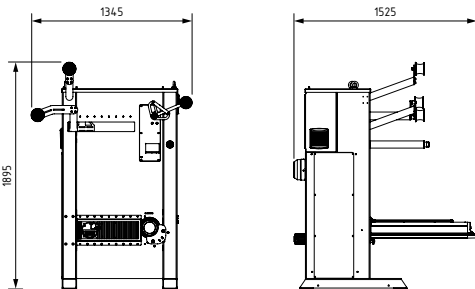
PAN precursor yarns

● FEATURES ○ OPTIONS

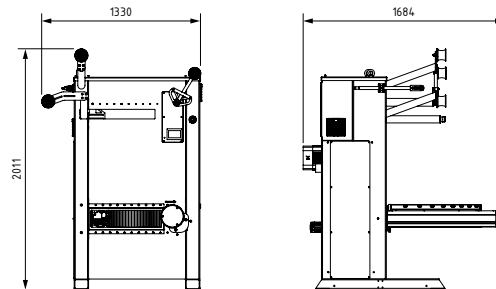
- Electronically controlled variable winding ratio
- Central process control unit (HMI touch screen) for input, display and storage of process and machine parameters
- Speed synchronization with the preceding process
- Pneumatic mandrel
- Doffing timer function
- Easy doffing spindle (option for 830XE and standard for 840XE)
- Suction device for doffing procedure
- NFC tag technology

FRAME UNITS (examples)

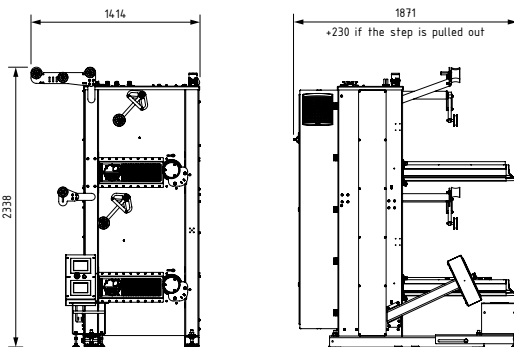
830XE 1-tier PAN winder



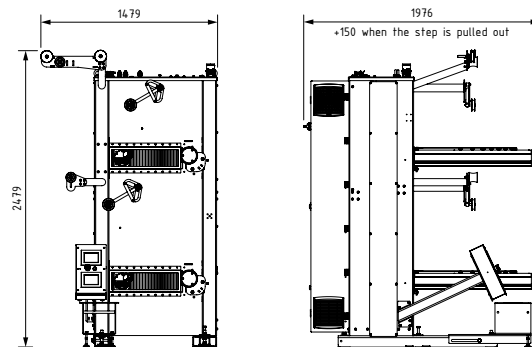
840XE 1-tier PAN winder



830XE 2-tier PAN winder



840XE 2-tier PAN winder



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



Georg Sahn GmbH & Co. KG
 Sudetenlandstrasse 33 · 37269 Eschwege · Germany
 T: +49 5651 804-0 · F: +49 5651 13620
 www.sahmwinder.com · info@sahmwinder.com
 A MEMBER OF STARLINGER GROUP

GERMAN Technology

