

CONVERTING



SAHM 412XE

Rewinder for Parallel Bobbins



WINDING SOLUTIONS

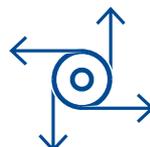


Splice table (option)

At the splice table (optionally available), it is possible to precisely connect the end of one yarn segment with the beginning of the next.



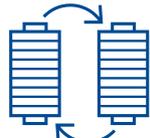
Quick and efficient product changes



Outstanding flexibility for various rewinding applications



User-friendly setting of parameters

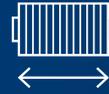


Rewinding of parallel bobbins

SAHM 412XE



300 m/min



410 mm



500 mm

TECHNICAL DATA

	Winding head	Unwinding unit
Winding technology	Precision parallel winding	Unwinding or Bitensor
Drive	Frequency-controlled	Frequency-controlled
Material width	1 to 25 mm; depending on the material up to 35 mm	
Winding speed	0 to 300 m/min (others on request)	
Traverse length	Adjustable up to 310 mm, optionally up to 410 mm	
Package diameter	400 or 500 mm	500 mm
Tube inside diameter	22, 76.2 or 152.4 mm (others on request)	
Yarn tension	Electronically adjustable	Adjustable
Bobbin types	Cylindrical, cops, diabolo, pancake, step winding, delta step winding, multiple, flange tubes	

Combination of all maximum values is not possible.



Unwinding unit

Doubly flexible: The integrated yarn tension control unit ensures individually adapted unwinding for different materials. In addition, the available selection of mandrels accommodates all commonly used tubes.



Delivery unit

The proven delivery unit with two godets supplies yarn at a constant speed while at the same time decoupling unwinding and winding processes to achieve high-precision winding results.



Winding head

Proven precision: The winding head corresponds to the well-tested SAHM 411XE machine series. All options available with the 411XE are also available with the 412XE winding head.

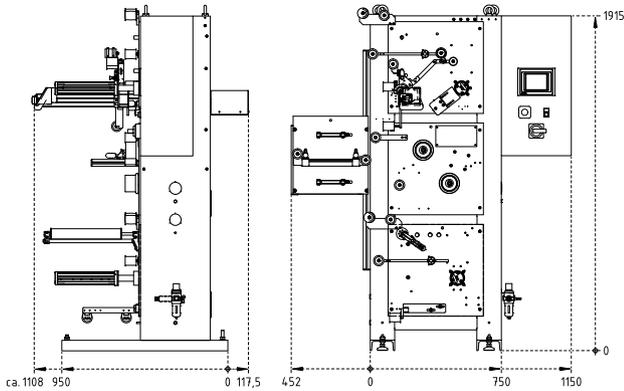


HMI

All machine parameters can be set and managed in the user-friendly SAHM HMI. The clearly structured HMI also provides the possibility to deliver data to other system interfaces.

SAHM 412XE

Rewinder for Parallel Bobbins



FRAME UNIT (standard frame)

APPLICATIONS

- PP, PE and PET tapes
- Aluminium coated tapes
- Rubber tapes and teflon tapes
- Single and double-sided adhesive tapes
- Paper tapes
- Non-woven tapes
- Prepreg tapes

● FEATURES ○ OPTIONS

- Individual drives for unwinding unit and winding head
- Decreasing yarn tension on the winding head
- Central process control unit (HMI touch screen) for input, display and storage of process and machine parameters
- Alarm management (e.g. yarn break, bobbin changeover)
- Different roll shapes
- Alternative surface coating of the rollers
- Pneumatic mandrel (for various cylindrical tubes)
- Doffer
- Splice table
- Interface to DCS (OPC-UA)
- Label printing system
- Recipe database (incl. SAHM IPC)
- Remote maintenance

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

High Tech.

Made with
SAHM Winding Technology.

The statement "Made with SAHM Winding Technology" comes with our promise that all your fibers will be wound with the highest possible precision for a positive impact on the quality of the final material.

Put your trust in more than 75 years of experience and proven expertise from the technology leader.



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

