

TAPES / MONOFILAMENTS



SAHM 790XE

Automatic Pirn Winder



WINDING SOLUTIONS



The automatic pirn winder **SAHM 790XE** features **minimum space requirements** and **lossless winding**. Equal winding lengths of spools and single yarn tension control ensure **high spool quality** and the **efficiency** of following processes.



APPLICATIONS

Monofilaments, materials similar to monofilaments for e.g. fishing lines, tooth brushes, fabrics for protection against insects, packaging nets, filters



ADVANTAGES

- Excellent package quality and reproducible yarn package formation by single yarn tension control
- Zero production waste – no downtime during bobbin changeover
- Metered yarn length
- Allows higher production speed in the extrusion process
- Integrated start-up winder for efficient threading during winder start up and in case of yarn break
- Low maintenance with optimized machine design

FEATURES ○ OPTIONS

- Automatic bobbin changeover on reaching one of the following criteria: yarn length, winding time, package weight, package diameter or external signal
- Individual drives for spindle and traversing
- Individually controlled single-traversing
- Central process control unit (HMI touch screen) for input, display and storage of process and machine parameters
- Yarn reserve (fixed)
- Defined deposition of the yarn end
- Central alarm management (e.g. yarn break, bobbin changeover)
- Interface to DCS (OPC-UA)

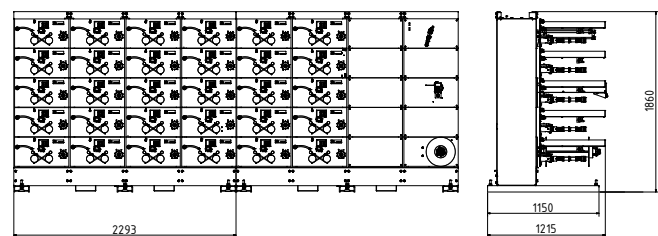
Design, configuration and scope of supply are subject to change without notice and errors are excepted. Drawings/photos not binding.

TECHNICAL DATA

Winding technology	Parallel winding for cop shape
Drive	Frequency-controlled
Frame	5-tier
Titer	76 to 1000 dtex
Winding speed	Max. 400 m/min
Winding ratio	Electronic
Traverse length	Max. 500 mm
Package diameter	Max. 180 mm
Tube material	Cardboard (others on request)
Tube diameter	Inner = 50 mm, outer = 60 mm (others on request)
Tube length	380 to 510 mm (others on request)
Yarn tension	15 to 100 cN

Combination of all maximum values is not possible.

FRAME UNIT (example with 30 winding heads and integrated start-up winder)



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