

TAPES / MONOFILAMENTS



# Monofilament Diversity

Made with SAHM Winding Technology

Overview of  
exhibition models



# Solutions for monofilaments

From ultra-fine surgical suture material to extremely tough industrial textiles – monofilaments can be used in an amazing variety of applications. SAHM offers an ideal automatic winding solution for every monofilament requirement.



Quick and efficient product changes



Highest operating safety due to automatic change-over



Bobbin changeover reliability of 99.8 %



Energy savings from the latest drive technology

## SAHM 750XE

### Automatic Parallel Winder

- Excellent package quality and reproducible yarn package formation
- Metered yarn length
- Zero production waste – no downtime during bobbin changeover
- Outstanding flexibility and wide range of applications

#### APPLICATIONS

Monofilaments, materials similar to monofilaments for e.g. fishing lines, tooth brushes, fabrics for protection against insects, packaging nets, filters, 3D printing materials, lawn-trimmer materials, etc.

#### TECHNICAL DATA

Winding technology	Parallel winding
Material diameter	0.1 to 4 mm (others on request)
Yarn tension	20 to 2500 cN (others on request)
Winding speed	Max. 500 m/min
Tubes	DIN K-/HKV-tubes, FLP300 and custom tubes
Package diameter	Max. 355 mm

Combination of all maximum values is not possible.

## SAHM 790XE

### Automatic Pirn Winder

- Excellent package quality and reproducible yarn package formation by single yarn tension control
- Zero production waste – no downtime during bobbin changeover
- Low maintenance with optimized machine design

#### APPLICATIONS

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

#### TECHNICAL DATA

Winding technology	Parallel winding for cop shape
Titer	76 to 1000 dtex
Winding speed	Max. 400 m/min
Traverse length	Max. 500 mm
Package diameter	Max. 180 mm
Tube diameter	Inner = 50 mm, outer = 60 mm (others on request)

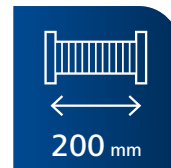
Combination of all maximum values is not possible.



## NEW SAHM 780XE

### Automatic Parallel Winder

- **Automatic optimization of traverse width during package build-up**
- Zero production waste – no downtime during bobbin changeover
- Quick and efficient product changes
- Allows higher production speed in the extrusion process
- Low maintenance with optimized machine design
- Central yarn tension adjustment with HMI
- Compact design
- Ready for automated package doffing



#### APPLICATIONS

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

#### TECHNICAL DATA

Winding technology	Parallel winding
Material diameter	0.1 to 0.6 mm (others on request)
Yarn tension	10 to 350 cN
Winding speed	Max. 600 m/min
Tubes	K160, K200, K250 (others on request)
Package diameter	Max. 300 mm

Combination of all maximum values is not possible.

# Manual Winders from SAHM

Precise. Dependable. Highly durable.

## SAHM 700XE

Parallel Winder

For Monofilaments from PP, PES, PE, PA, PA66, LLDPE, HDPE and artificial grass yarn

## SAHM 410E

Parallel Winder

For Monofilaments and materials similar to monofilaments

## SAHM 240XE

Precision Cross Winder

For flat, fibrillated and folded tapes; single, embossed (Danline) and bundled monofilaments



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

## MONOFILAMENTS.

Made with  
SAHM Winding Technology.

Whatever the form or application of the monofilament material – with “Made with SAHM Winding Technology” we give our promise that monofilaments and tapes will be wound with the highest possible precision, which positively impacts the quality of the end product.

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



A MEMBER OF STARLINGER GROUP

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