

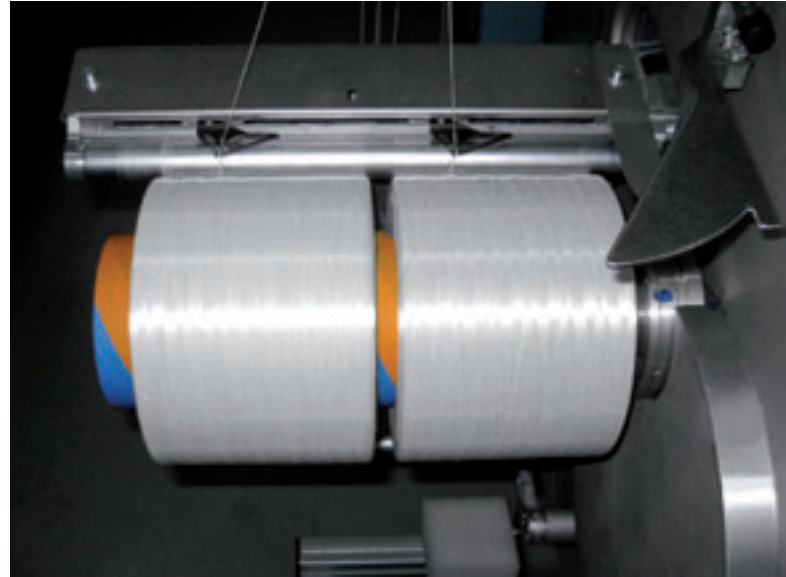
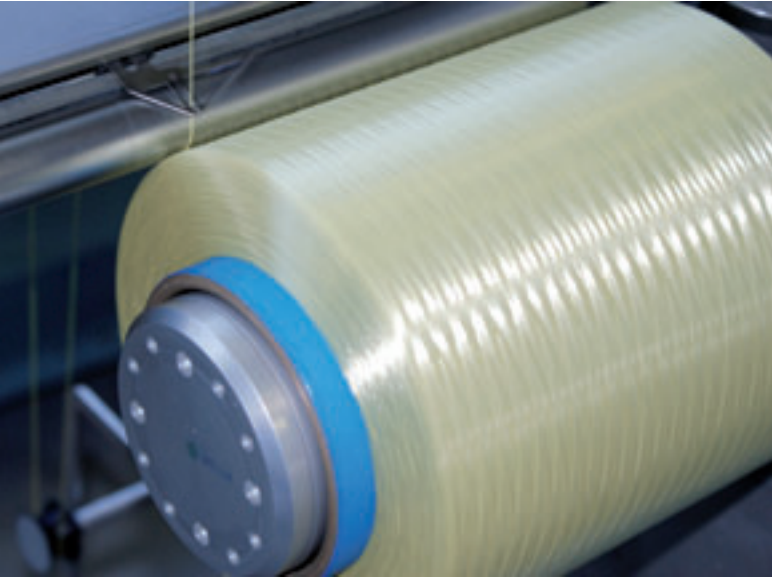
œrlikon
barmag

WinOro

Automatic precision winders



Features



Standard features for all WinOro

- centralised adjustment of the yarn tension
- centralised adjustment and control of the contact pressure
- electronic gear system with different cross ratios during one package trip
- choice between precision and random winding of cylindrical packages
- “recipe”-management & supervision with protection against unauthorized changing
- meter counter
- less operational cost due to less waste, less operators and easier maintenance
- complete electronic from Siemens

Optional features for all WinOro

- variation of the yarn tension during winding
- variation of the contract pressure during winding

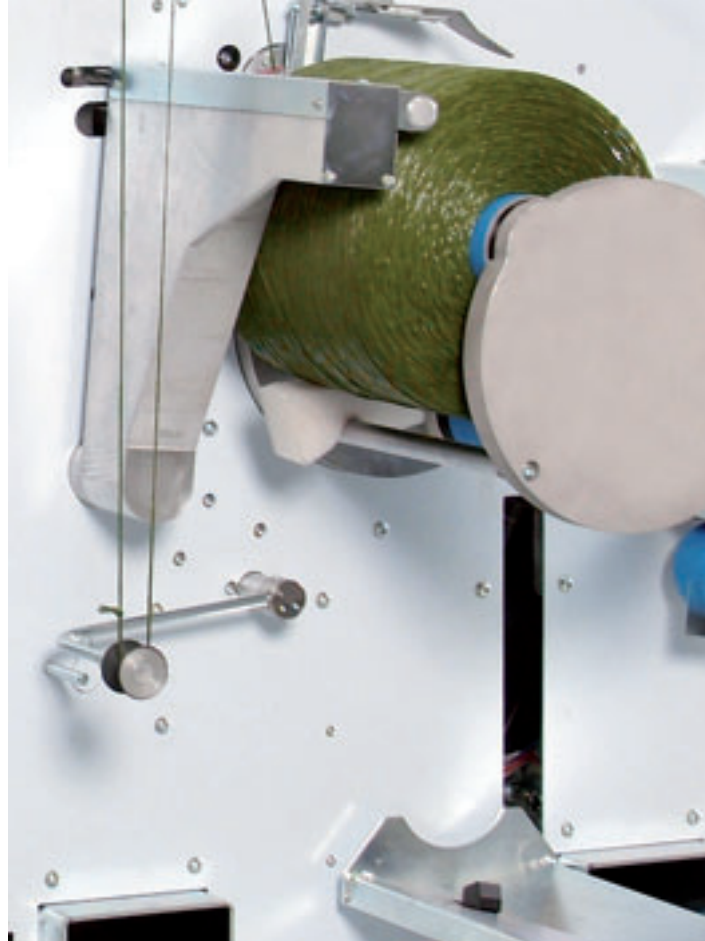
WinOro-M

- tube magazine and take-up cradle for automatic transfer for higher efficiency → up to 2 yarn transfers without operator

WinOro-S

- take-up cradle optional available

Technical Data



	WinOro-S 1cop	WinOro-S 2cop	WinOro-M 1cop
Material*	Flat, twisted, spiral wrapped, textured and coated filament yarn, PP, PA, PET, PE, AR, UHMWPE, AC, rayon, viscose		
denier range*	50 up to 6,000 den	200 up to 1,200 den	500 up to 25,000 den
winding speed	up to 1,000 m/min	up to 800 m/min	up to 400 m/min
yarn tension*	up to 1,200 cN	up to 600 cN	up to 1,200 cN
stroke*	190/250/300	2 x 120 mm	250 mm
tube inner diameter*	75/94/110 mm	94	73/94 mm
tube length*	216/290/330 mm	2 x 140 mm	290 mm
max. package diameter	320 mm	320 mm	280 mm

* others on request

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