

Monofilament take up machines

take up for LOY MONO filaments



COMOLI is since many years leader in the supply of take up machine for LOY filaments .

WTU450: is the typical winder for this application with a number of dedicated features, now available with 600 and 900mm chuck.

The winders can be used for different other applications but it has been specifically designed for retrofitting and new lines of LOY spinning in the very fine or coarse denier counts, with specific features for very low contact pressure values and compact soft package formations

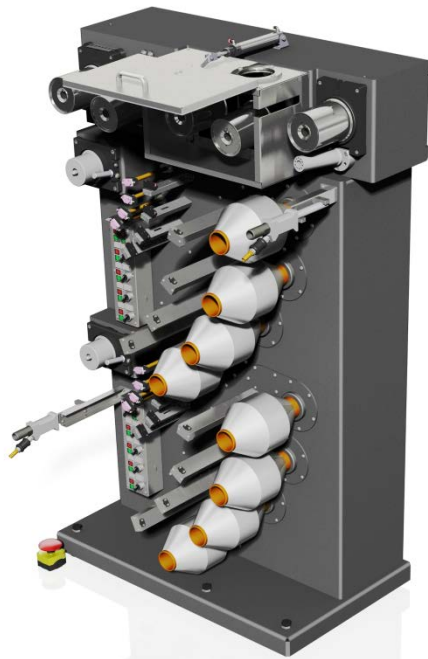
Technical data

Market segment	Pa6, 6.6 – Pes - PP
Type of wind	Random
Denier count	40 ÷ 1500 dtex
N° end per pos.	2 – 4 – 8 - 12 (900 mm chuck)
Tube dimensions ID- OD -L	94/143 – 108/152 - 300/150
Package dimensions stroke x o.d.	250 – 120 – 55 – o.d. 450
Bobbin shape	Cylindrical
Production speed	2000 m/min
Bobbin drive	Friction
Traverse system	Electronic
Speed control	Via inverters
Yarn monitoring	Optical sensors
Bobbin change	Manual
Contact pressure	Mechanic proportional

TUF WTU450

Monofilament

draw-frame for monofilaments



save power program

DWF

COMOLI has designed a revolutionary and flexible machine for producing monofilament and multifilament yarns, up to 3500 m/min.

Is a very high speed winder, with electronic package formations on simple low cost paper tubes. Compact and space saving with multi deck installation.

With this equipment you can produce metered equal - length bobbins continuously monitored, with electronically controlled package formation.

Draw-frame chart DWF

Market segment	PA 6 - PA 6.6 - PES
Wind type	Random pirn
Yarn count range	6 ÷ 40 denier
Package per winder	1
Gauge	1200 mm
Number of winder up positions	8
Tube dimensions	69 x 85 x 320 (i.d. x o.d. x l.)
Package shape	bi-conical pirn
Package dimensions	3 lt
Winding speed	Up to 3500 m/min
Draw force	From up to 5N x8
Max roll temperature	Up to 250 °C
Drive system	spindle driven
Traverse system	electronic
Speed control	Inverter
Power Consumption	kW 8 (8 ends)
Production capacity	25 t/year (8 ends 22dtex 3000 m/min)