

## Fine counts flat yarn draw-winders



### Pirn draw-winder



*power saving program*

# DWI.100

COMOLI is now in the business of pirn draw-winding technology, designing a machine for drawing POY yarns, mainly for fine yarns, fast up to 2500 m/min. DWI.100: very efficient with its high speed individual draw rolls, equipped with all last modern resources in the field of intermingling and yarn oiling. 8 or 16 ends module individually controlled thread lines easy and efficiently designed for simultaneously different product handling. With this machine you can produce metered equal-length pirns with tapered ends continuously monitored, with electronically controlled package formation.

#### Technical data

Market segment	stretching PA 6, 6.6 – PES
Type of wind	random
Stretch and relax	trio rolls
Denier count	6 – 75 dtex
N° end per module	8 - 4
Tube dimensions	46 x 37 x 330
Package dimensions	150 x 300
Bobbin shape	bi-conical pirn type
Production speed	2000 m/min
Bobbin drive	friction
Traverse system	electronic + thread guide
Speed control	via inverters
Yarn monitoring	optical sensors
Bobbin change	manual or automatic (as option)
Contact pressure	pneumatic
Intermingling	Turboset TS2 / 800 or 900
Finishing oil	optional
MMI (Man Machine Interface)	optional
Creel	optional
Power Consumption	2 kW (22 dtex 8 ends @1500 m/min)
Production capacity	14 t/year (22dtex 8 ends @1500 m/min)

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## High speed draw-winder for POY filaments



# SH.8



COMOLI has designed a revolutionary and flexible machine for drawing POY yarns, fast up to 2000 m/min and innovative with its heated draw-box.

SH.8: very efficient with its high speed winders, equipped with all last modern resources in the field of intermingling and yarn oiling.

Compact and space saving 8 ends module: a paradise for the operator.

With this machine you can produce metered equal-length bobbins continuously monitored.

### Technical data

Market segment	stretching PA 6, 6.6 – PES
Type of wind	random
Stretch and relax	trio rolls
Denier count	6 – 75 dtex
N° end per module	8 - 4
Tube dimensions	94 x 108 x 125 ÷ 150 (i.d. x o.d. x l.)
Package dimensions	stroke 95 ÷ 120 mm – 280 mm o.d.
Bobbin shape	cylindrical
Production speed	2500 m/min
Bobbin drive	friction
Traverse system	cam + thread guide
Speed control	via inverters
Yarn monitoring	optical sensors
Bobbin change	manual or automatic (as option)
Contact pressure	pneumatic
Intermingling	Turboset TS2 / 800 or 900
Finishing oil	optional
MMI (Man Machine Interface)	optional
Creel	optional