### Technical Data

- **No. of ends:** 1
- **Coating:** mono- or bicolor
- **Core yarn:** PES Multifilament *
- **Coating material:** PVC *
- **Yarn diameter range:** 0.25 - 1.0 mm *
- **Extruder screw diameter:** 30 or 35 mm *
- **Extruder temperature:** up to 270°C *
- **Bobbin traverse length:** 250 or 300 mm *
- **Tube inside diameter:** 76.2, 82.55 or 94 mm *
- **Package diameter:** max. 320 mm
- **Package weight:** max. 20 kg

**Options**
- Easy storage doffer for winder
- Yarn diameter measuring and regulation system
- Water chiller with integrated tank
- Bobbin labeling system
- Hopper loader for extruder
- Customized alarm management

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**Exact core yarn centricity**

Fewer cross marks due to soft bobbins

Bicolor fabric

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**up to 1500 m/min**

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**Combination of all maximum values is not possible**

* unless on request
No compromise between efficiency and quality

**Market segments**
Single end coated yarns for textile and technical applications, mono- and bicolour

**Applications**
Sunscreens, home textiles, upholstery fabrics, outdoor textiles, wall coverings, floor coverings, carpets and mattresses, specific coatings for technical yarns

**Character of coated yarn**
- Fire retardant
- Durable
- Anti-bacterial
- Thermostable
- Low-shrinkage

**Main advantages**
- Integrated control for complete line
- Operation speed up to 1500 m/min
- Excellent coated yarn quality
  - core yarn centricity
  - smooth surface coating
  - minimized cross marks
- Automatic winder
  - metered yarn length
  - automatic bobbin change-over
  - continuous production
- Minimum space requirement
- Minimum waste – only during line start-up

**Your benefit**
- Short ROI period
- Highest efficiency and productivity
- Excellent coated yarn quality
- Optimum basis for following processes
- Strong technology support
- Operator convenience in operation and maintenance
- Combination of proven components

**Components**
- Creel with yarn tension unit
- Extruder with die head assembly
- Cooling device with water bath (chill unit)
- TWINSTAR II Automatic Precision Cross Winder
- Central control with monitoring system of all machine and process data
- Online quality control and monitoring system

No compromise between efficiency and quality