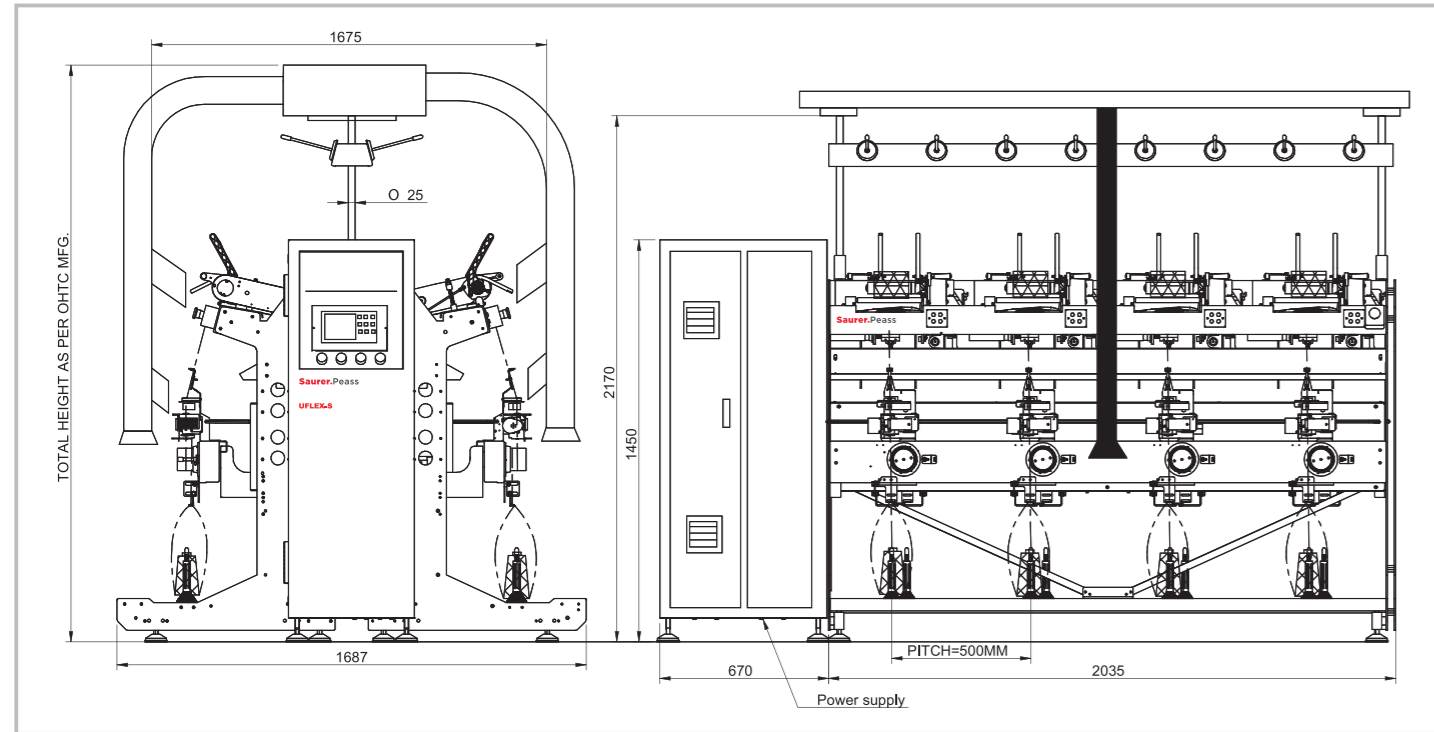


# Uflex-S

## Technical specifications



<b>Machine model</b> Uflex-S	<b>Count range</b> Ne 0.50 & above	<b>Produce package type</b> Cylindrical - bi-co tubes	<b>Power</b> Installed: 0.275 Kw./Spindle
<b>No. of winding heads</b> 4 to 96 Spindles	<b>Package destination</b> Dyeing, Knitting, Warping, Weaving	<b>Produce package diameter</b> Min. ID Ø38 mm, max. OD Ø280 mm	<b>Special features</b> Propeller thread laying system for lowest yarn stressing while winding
<b>Machine arrangement</b> Single / Double Sided	<b>Winding speed</b> 1600 m/min. max. (depending on process parameters)	<b>Produce package traverse</b> 6" (152 mm)	<b>Spindle drive</b> Individual
<b>Spindle gauge</b> 500 mm	<b>Supply package type</b> All types	<b>Supply package</b> Ø350 mm diameter	<b>Type of winding</b> Step-precision/ Precision/ Random

### Machine dimensions

No. of spindles	8	16	24	32	40	48	56	64	72	80	88	96
Length (F=2035 mm)	2705	4740	6775	8810	10845	12880	14915	16950	18985	21020	23055	25090
Width in mm	1687 mm											
Height in mm	1450 mm											
Connected load in Kw.(0.275Kw./Sp.)	2.20	4.40	6.60	8.80	11.00	13.20	15.40	17.60	19.80	22.00	24.20	26.40
Net weight in Kg.	675	1275	1875	2475	3075	3675	4275	4875	5475	6075	6675	7275

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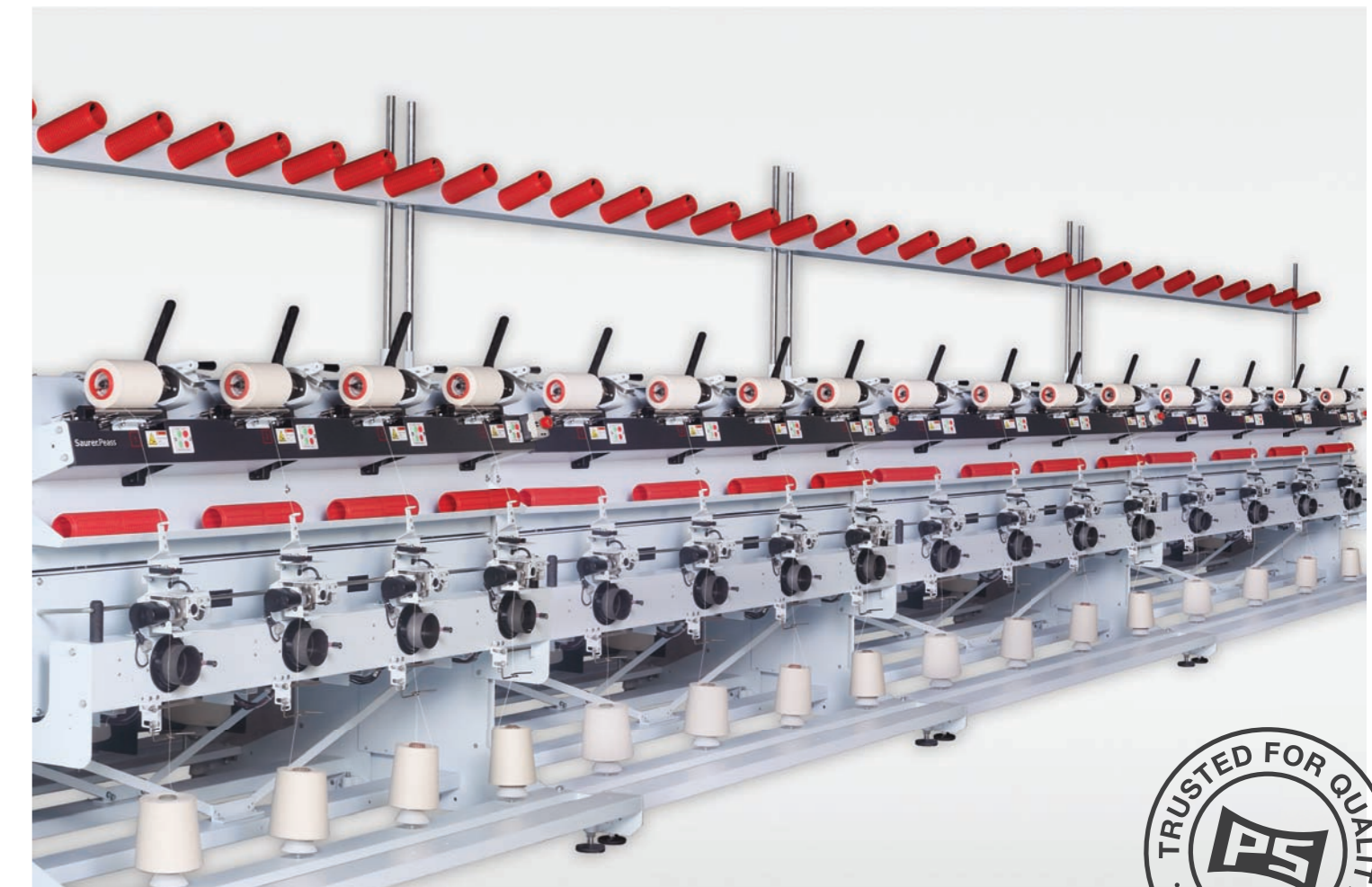
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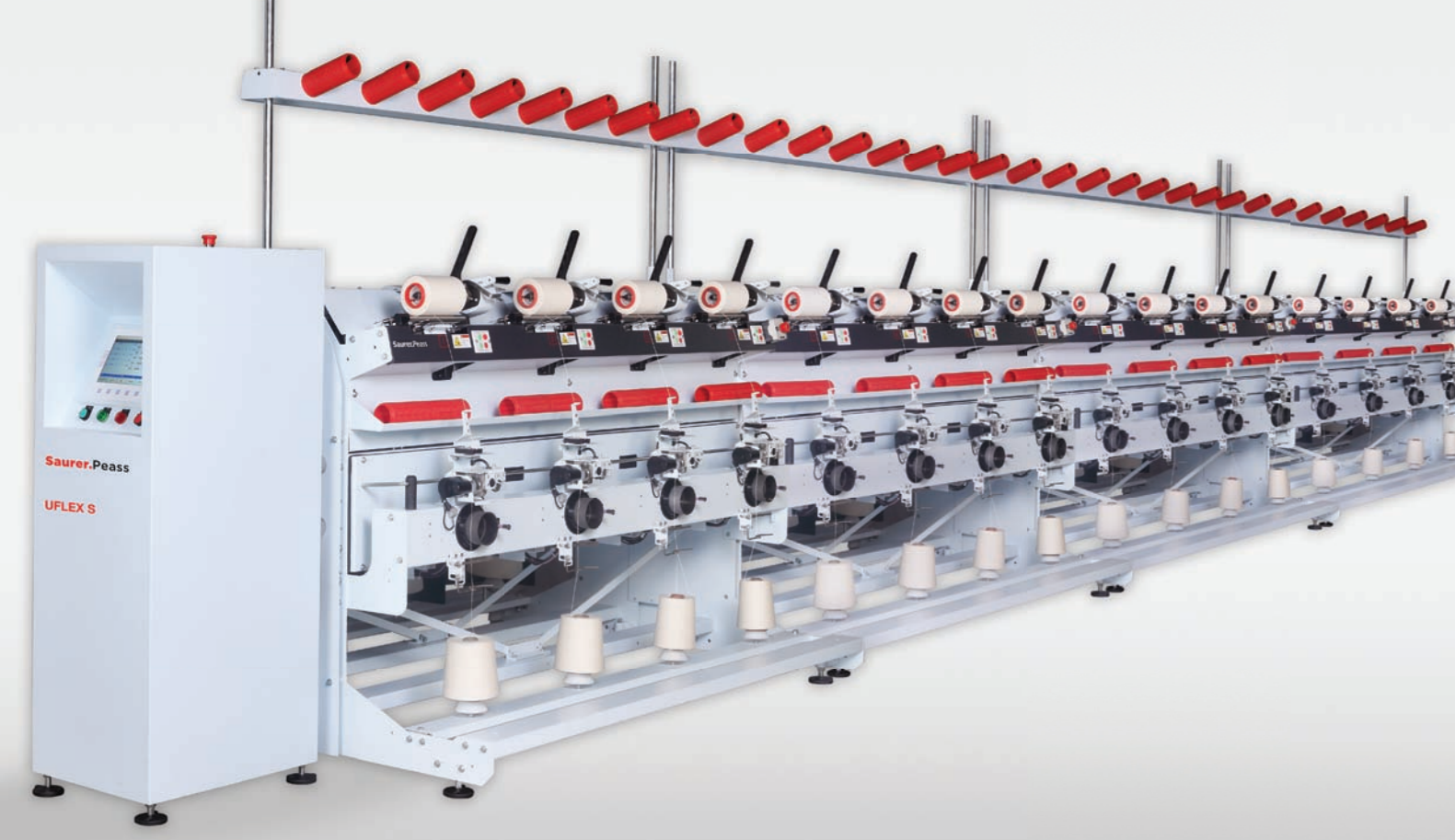
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## Saurer.Peass

**FLEXIBLE SOFT PACKAGE WINDER**  
**UFLEX-S.**  
KEY TO PERFECT DYEING

—  
STAPLE FIBRE YARNS.





## Flexible Propeller Soft Package Winder Uflex-S

The high performance soft package winder with uniform density, is equipped with individual microprocessor controlled drives that ensure constant yarn speed throughout the package.

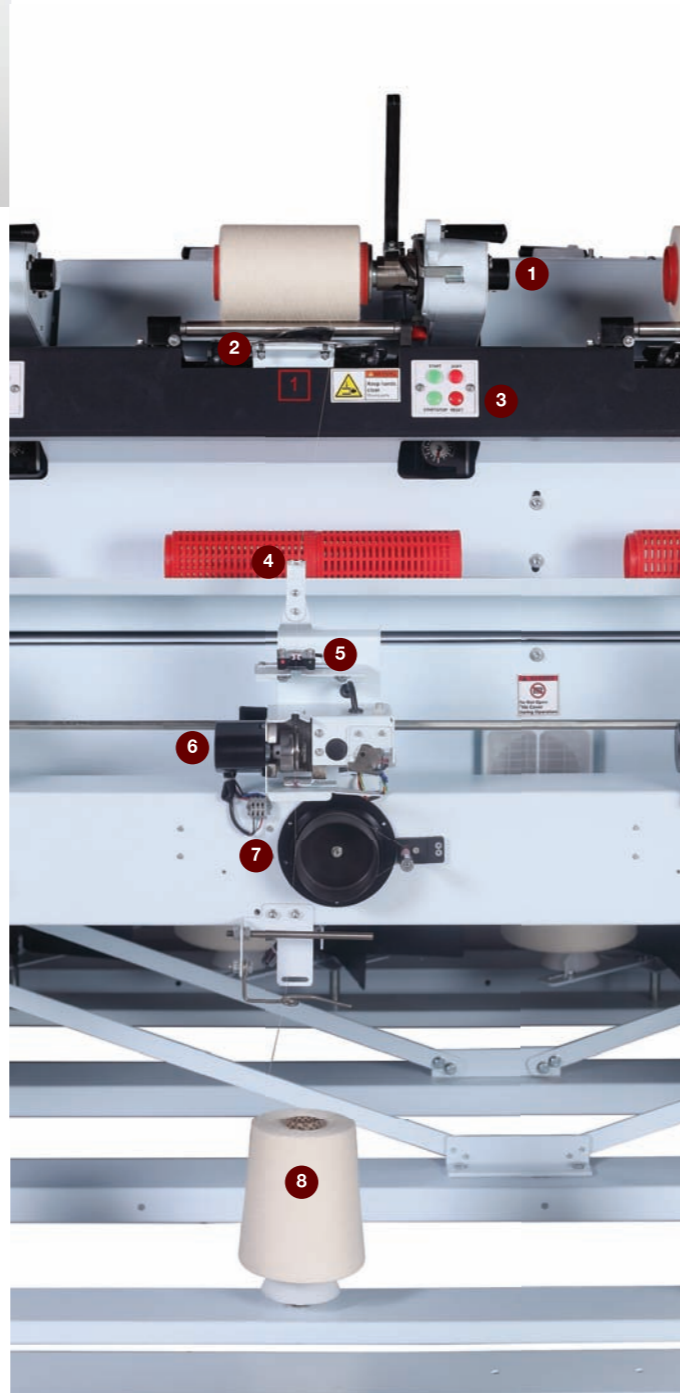
### Major Advantages

- ▶ Step-precision
- ▶ Precision
- ▶ Random

Ultimate flexibility of selecting the most suitable winding mode by touch of buttons

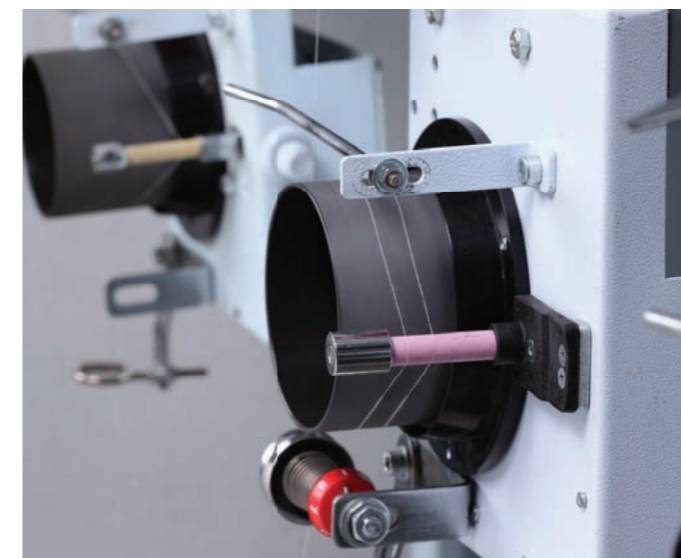
## Straight yarn path

- ▶ Gentle handling of yarn
- ▶ Ceramic contacts
- ▶ Self threading



### Outstanding features

- 1 Diameter control
- 2 Yarn laying by counter rotating propeller
- 3 Visual display of yarn break and full doff
- 4 Electronic non contact yarn detector
- 5 Online tension measuring system
- 6 Digital tension device
- 7 Overfeed
- 8 Universal package holder

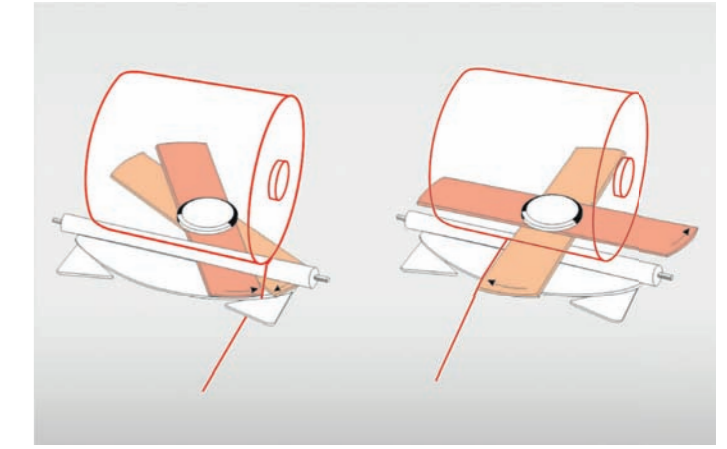


## Yarn traversing system

The winding system is outlined by a unique yarn laying principle. Two counter rotating propellers impart gentle handling of the yarn and a highly precise yarn laying pattern.

As the blades and yarn package are driven by synchronised motors, different winding modes are achieved.

Incase of step-precision winding, the winding ratio changes in steps resulting in perfectly stable package with uniform density and perfect unwinding properties.



## Smart controller

All spindle functions are monitored and controlled by the microprocessor based system which has features like :

- High definition colour LCD, Touch screen 10"
- Individual / group wise speed & length setting
- Storage of last 50 shift's data
- Extendable up to 96 spindles
- Individual spindle maintenance mode

### Standard Features

- Constant yarn speed by electronic control
- Auto yarn length controlling device
- Auto stop motion for full doff with visual display
- Motorized numbering tension device
- Diameter control

### Optional Features

- Overhead travelling blower
- Splicer unit
- Digital tensioner
- Online density control
- Online production monitoring system

