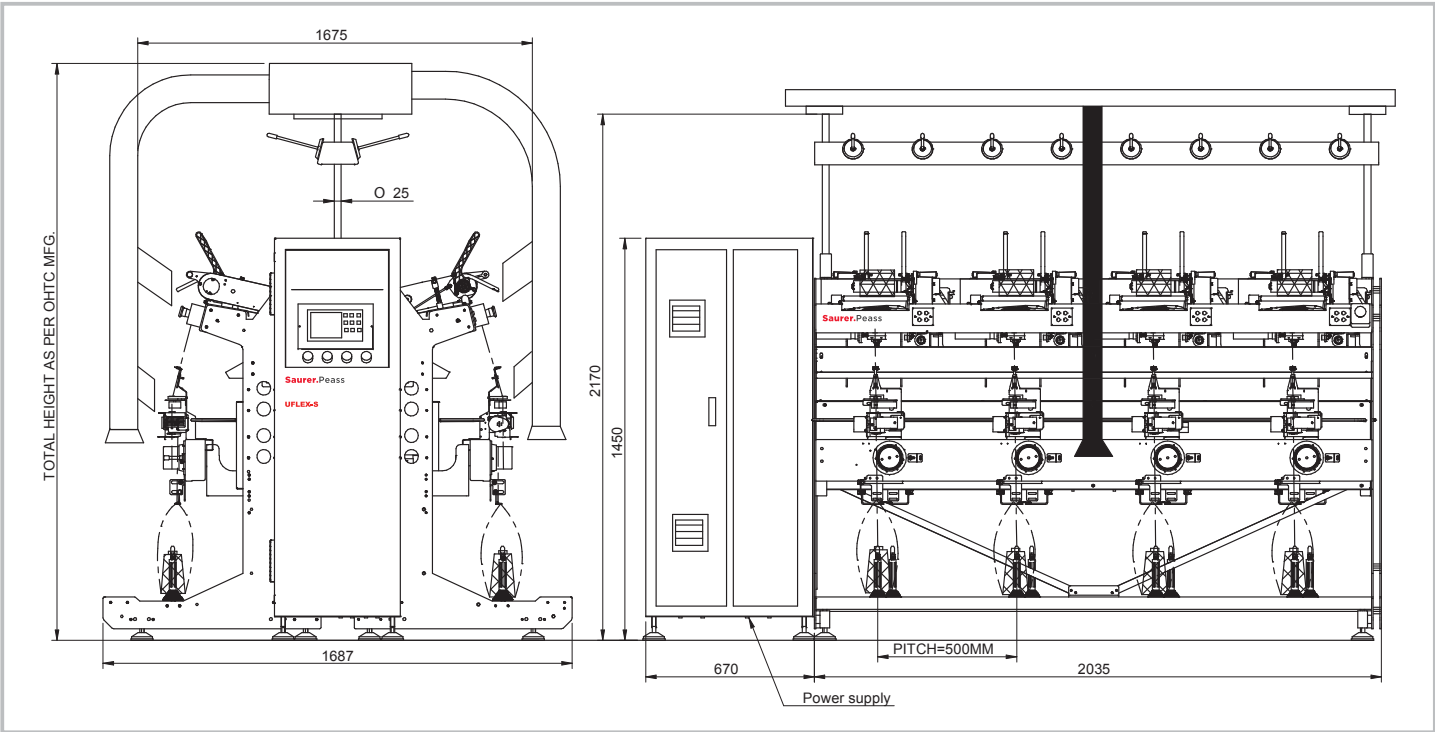


Uflex-S  
Technical specifications



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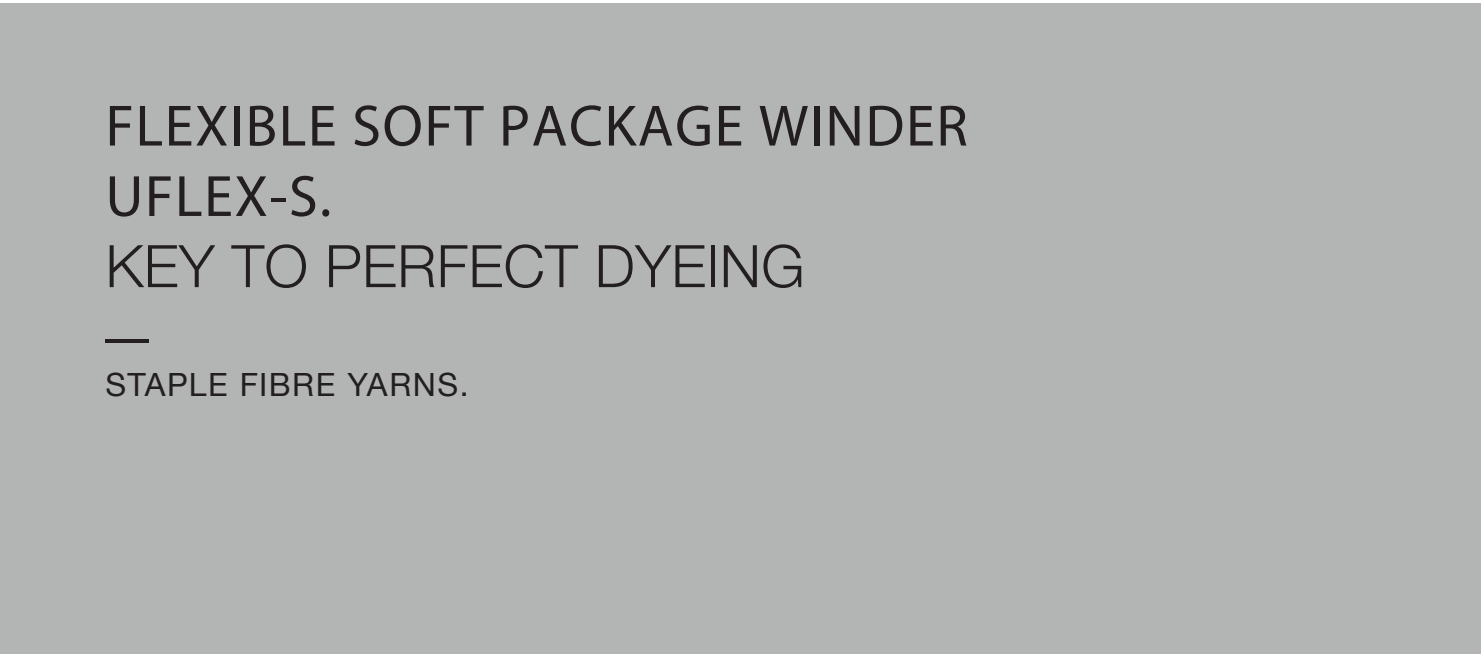
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## Flexible Propeller Soft Package Winder Uflex-S

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

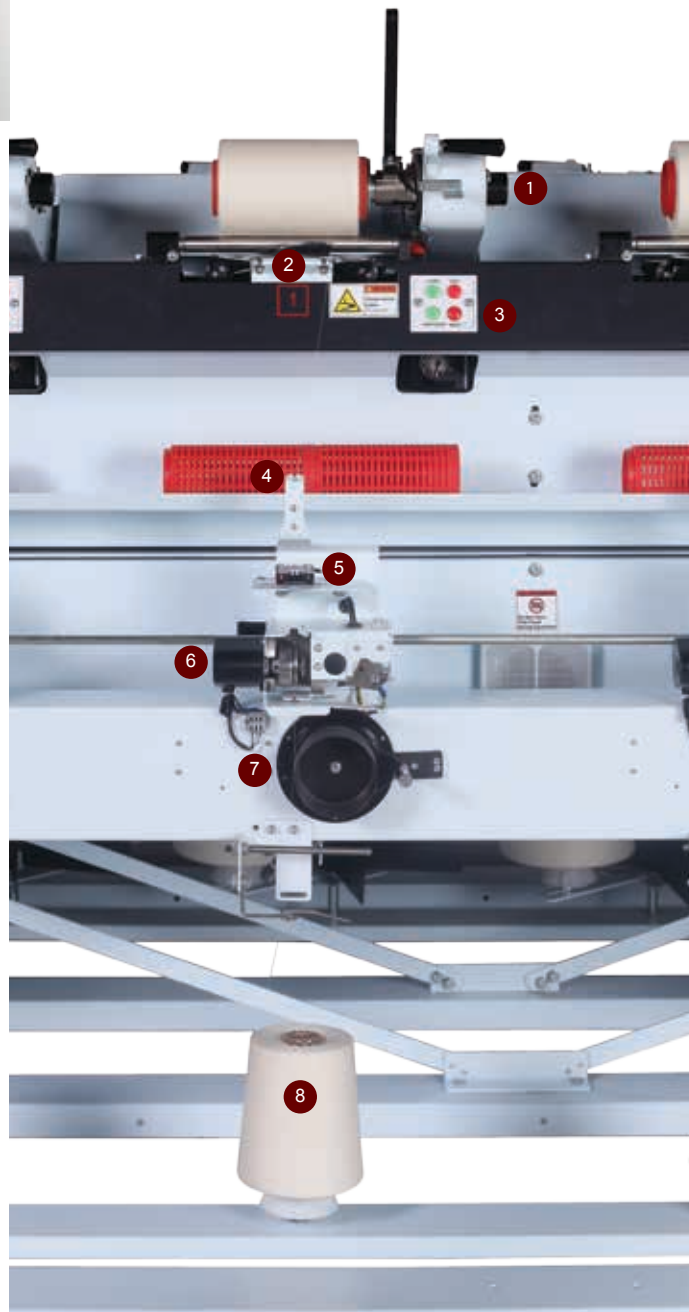
### Major Advantages

- ▶ 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

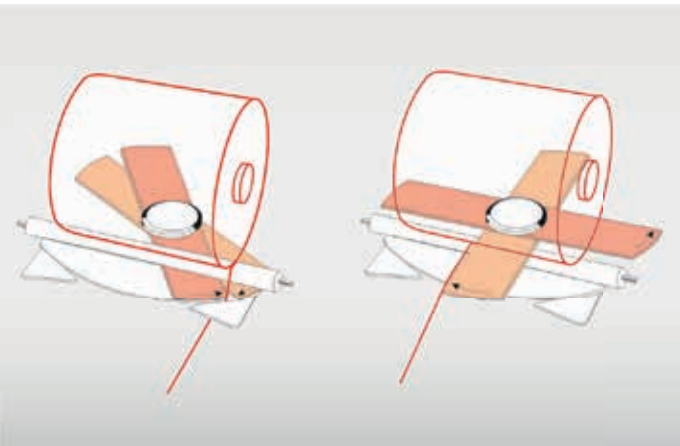


## Yarn traversing system

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

