



**Peass Industrial Engineers Pvt. Ltd.**

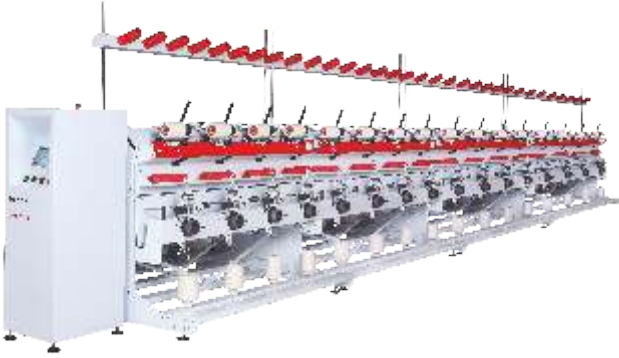
RANGE OF TEXTILE MACHINES

Website: [www.peass.com](http://www.peass.com)

## UFLEX-S

### Flexible soft package winder

Key to perfect dyeing



#### Major advantages

- Step-precision
- Precision
- Random

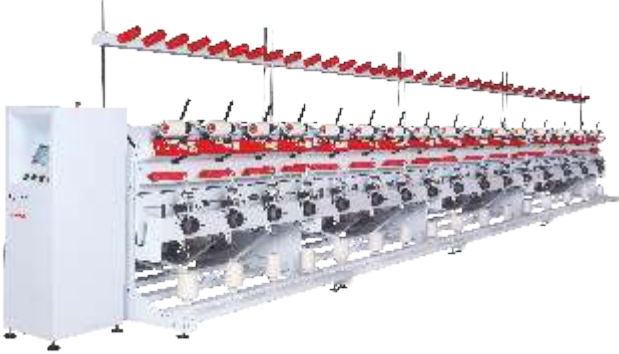
#### Salient features

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

## PPW-S

### Precision soft package winder

Key to perfect dyeing



#### Major advantages

- Perfectly uniform density from start to end of package
- Improved RFT percentage in dyeing
- Increased loading capacity of dyeing machine

#### Salient features

- Diameter control
- Higher speeds with minimal increase in hairiness
- Overfeed device
- Digital yarn tensioner
- Auto yarn length controlling device
- Individual frequency inverter drive
- Auto stop motion for full doff with visual display

## PPW-A

### Precision propeller winder

Staple fibre yarns



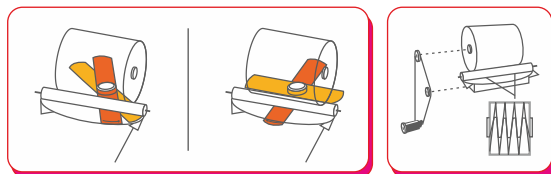
#### Major advantages

- Greater knotless yarn lengths in same package diameter
- Zero split ends & ribboning/patterning zones
- Improved efficiency of TFO

#### Salient features

- Diameter control
- Higher speeds with minimal increase in hairiness
- Auto yarn length controlling device
- Cutter mechanism to minimize single ends
- Individual frequency inverter drive
- Motorized numbering tension device
- Auto stop motion for full doff with visual display

#### Yarn Traversing System (PPW-A / PPW-S)

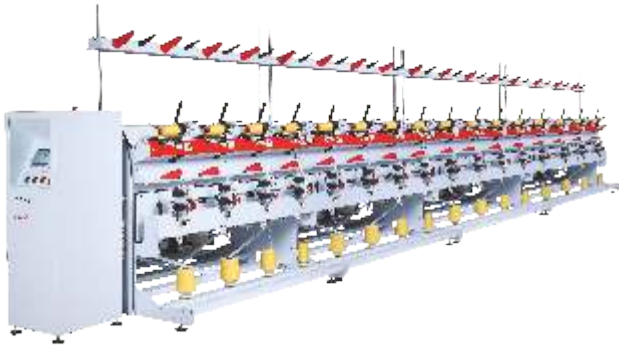


The winding system is outlined by a unique yarn laying principle. Two counter rotating propellers impart gentle handling of the yarn and a highly precise yarn-laying pattern.

As the blades are directly synchronized with the positively driven yarn package, precision winding is achieved. Because of constant winding ratio from start to the final package diameter, absolutely no ribbon or pattern zone is observed on the produced package. This guarantees excellent unwinding characteristics of the package during the subsequent process.

## PPW-C Precision Re-Winder

Key to efficient weaving



### Major advantages

- Excellent unwinding performance even at high speed
- Precise length measuring
- Improved loom efficiency / productivity
- Reduced air consumption
- Minimal bottoms in warpings

### Salient features

- Individual frequency inverter drive
- Constant yarn speed by electronic control
- Auto stop motion for full doff with visual display
- Motorized numbering tension device
- Motorized waxing device
- Tail-end device

## Flexi Winder Winding freedom



### Major advantages

- Meets all package shape requirements by fully programmable traverse.
- Online tension controls results in perfectly uniform densities.
- Handling tricky yarns made easy.

### Salient features

- Flexible traverse.
- Each spindle individually programmable.
- Online tension control.
- Length measuring.
- Diameter control.
- All contact points with ceramic

## Versa-S/C/A Perfect soft / cone / assembly winding



### Major advantages

- High speeds with perfect results
- Straight yarn path with minimum yarn quality deterioration

### Salient features

- Individual spindle drive
- One inverter for group of spindles
- Individual length measuring
- Electronic anti patterning
- Motorized tension device
- Motorized waxing device

## SMI Hank to cone winder



### Major advantages

- Reduced entanglement of broken yarn end
- Complete flexibility

### Salient features

- Auto yarn length controlling device
- Individual frequency inverter drive
- Automatic instantaneous and simultaneous stop motion of swift, traverse drum and package
- Auto stop motion for full doff with visual display
- Constant yarn speed through smart controller
- Overfeed device
- Central display for changing parameters by press of buttons

Peass, an ISO 9001-2008 Certified Company, started its operations in 1962 as a machinery manufacturing company with products specifically targeted at the textile industry. Eventually, the company went into collaboration with various world leaders in the Textile Machinery Industry. From the basic product (Pre-weaving Yarn Stage Machine), the company now offers a wide range of machines.

Quality is an obsession with those at Peass. Quality assessment is done at every stage of manufacturing to minimize any problem at the customer's end. Customers have an easy accessibility to the after sales services with Spares & Service Cell Functions.

The Manufacturing Plant, located at Navsari in South Gujarat, occupies a total area of 12,000 sq. mts. and with a built-up area of about 3,700 sq. mts. The Plant Machine Shop is a state-of-the-art system, capable to machine high precision light and medium duty components on CNC machines. Engineering Designs are carried out with the help of Computer Aided Design (CAD) System. The 3-dimensional machine and modelling allow the designer to predict quality performance of the model at the design stage itself.

## Product Range

Sr. no.	Application	Type of Winding	Yarn Type	Traverse	Traverse System	M/C Model
1	Cone Winding	Precision	Spun	5", 6", 8" & 10"	Propeller Blades	PPW-C
		Random	Spun	5", 6", 8" & 10"	Grooved Drum	VERSA-C
		Precision	Filament Yarn	100 mm to 250 mm	Traverse Guide	Flexi Winder
2	Soft Winding	Precision	Spun	6"	Propeller Blade	Uflex-S
		Precision	Spun	6" & 8"	Propeller Blade	PPW-S
		Random	Spun	6"	Grooved Drum	VERSA-S
		Precision	Filament Yarn	100 mm to 250 mm	Traverse Guide	Flexi Winder
3	Assembly Winder	Precision	Spun	6", 8" & 10"	Propeller Blade	PPW-A
		Random	Spun	5" & 6"	Grooved Drum	VERSA-A
		Random	Spun	8" & 10"	Grooved Drum	VERSA-PT-A
4	Hank to Cone Winding	Random	Spun	6" & 8"	Grooved Drum	SMI

### Peass Industrial Engineers Pvt. Ltd.

Website: [www.peass.com](http://www.peass.com)

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