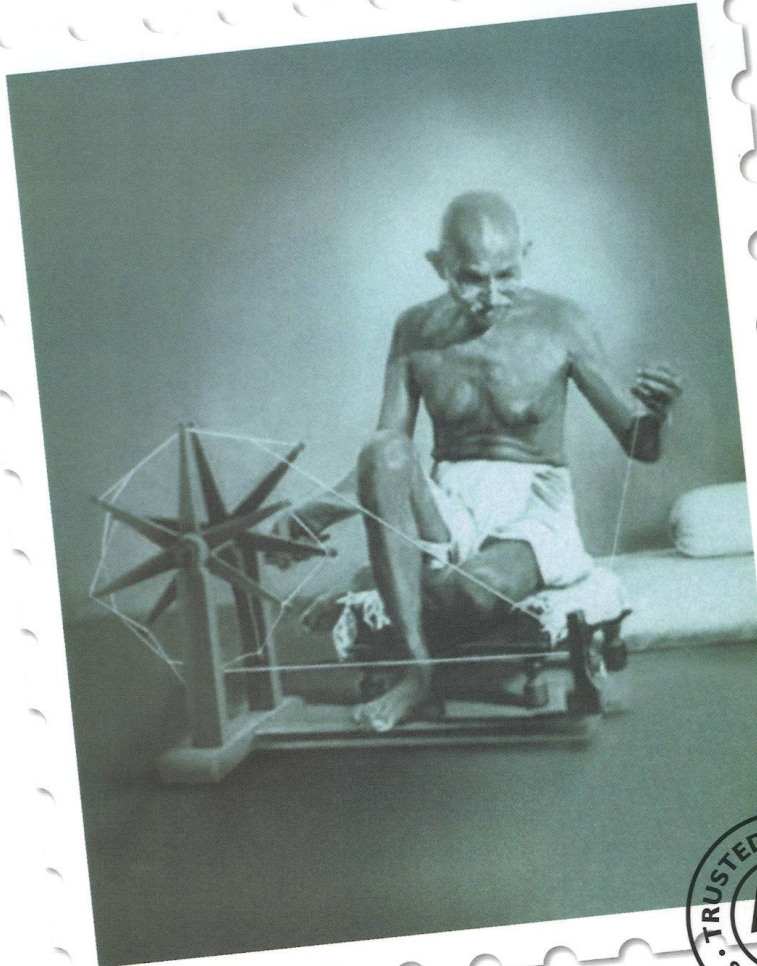


Saurer.Peass



Peass Industrial Engineers Pvt. Ltd.

RANGE OF TEXTILE MACHINES

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



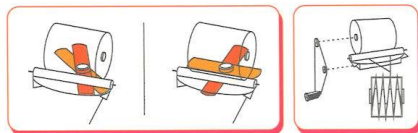
Major advantages

- 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 accuracy with 'Accu600'
- 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

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



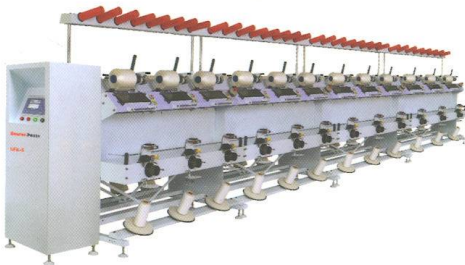
Major advantages

- 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

Ufil-S
Filament Soft Package Winder
 Master key to perfect dyeing



Major advantages

- High speeds with perfect results
- Packages of different traverse lengths, taper or straight edge available

Salient features

- Uniform density winder
- Individual microprocessor controlled drives
- Constant yarn speed by electronic control
- Gentle handling of yarn
- Auto yarn length controlling device
- Auto stop motion for full doff with visual display
- Motorized numbering tension device

PF-2000E
Precision winder for filament yarns



Major advantages

- Pineapple/Bi-conical package shape
- Multi tasking ability

Salient features

- Auto yarn length controlling device
- Individual frequency inverter drive
- Auto stop motion for full doff with visual display
- Constant yarn speed through smart controller
- Reducing tension with increase in package diameter

UGS Yarn singeing machine



Major advantages

- High speeds with uniform singeing results
- Complete flexibility

Salient features

- Individual spindle drive
- Group inverter control
- Auto length controlling device
- Tail end device to protect unsigned yarn
- Auto stop motion for full doff with visual display

SMI Hank to cone winder



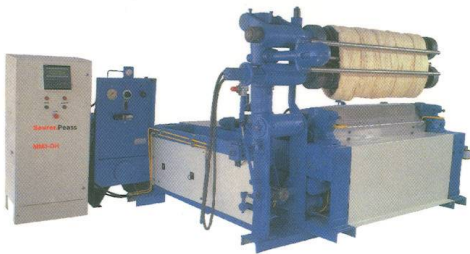
Major advantages

- 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

MM3-OH Yarn mercerizing machine



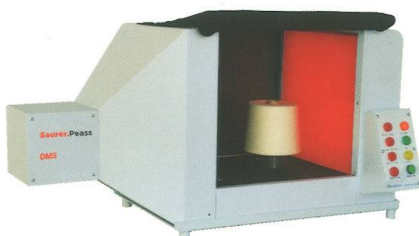
Major advantages

- Smaller lot size
- Perfect repeatability of results

Salient features

- Entire machine controlled by PLC controller
- Storage of different recipes
- Oil based hydraulic system
- Flexibility of changing process parameters by press of buttons

DMS Density measuring system



Major advantages

- Sorts out beyond specified range density packages
- Ensures perfect density packages are fed to dyeing vessels
- Does not require skilled manpower

Salient features

- Fast checking time
- High resolution camera
- Perfect repeatability of results
- High flexibility of defining checking parameters
- Storage of data for further reference
- All data in absolute figures for analysis

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 collaborations 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 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-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"	Propeller Blades	PPW-C
		Random	Spun	5" & 6"	Grooved Drum	VERSA-C
		Precision	Filament Yarn	6", 8" & 10"	Traverse Guide	Ufil-C
		Precision	Filament Yarn	6", 8" & 10"	Traverse Guide	PF-2000E
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	6", 8" & 10"	Traverse Guide	Ufil-S
		Precision	Filament Yarn	6", 8" & 10"	Traverse Guide	PF-2000E-SPF
3	Assembly Winder	Precision	Spun	6" & 8"	Propeller Blade	PPW-A
		Random	Spun	5" & 6"	Grooved Drum	VERSA-A
		Random	Spun	8" & 10"	Grooved Drum	VERSA-PT-A
		Precision	Filament Yarn	6", 8" & 10"	Traverse Guide	Ufil-A
		Precision	Filament Yarn	6", 8" & 10"	Traverse Guide	PF-2000E-A
4	Yarn Singeing (Gas)	Random	Spun	6"	Grooved Drum	UGS
5	Hank to Cone Winding	Random	Spun	6" & 8"	Grooved Drum	SMI
6	Hank Yarn Mercerizing		100% Cotton	54" Circumference		MM3-OH





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