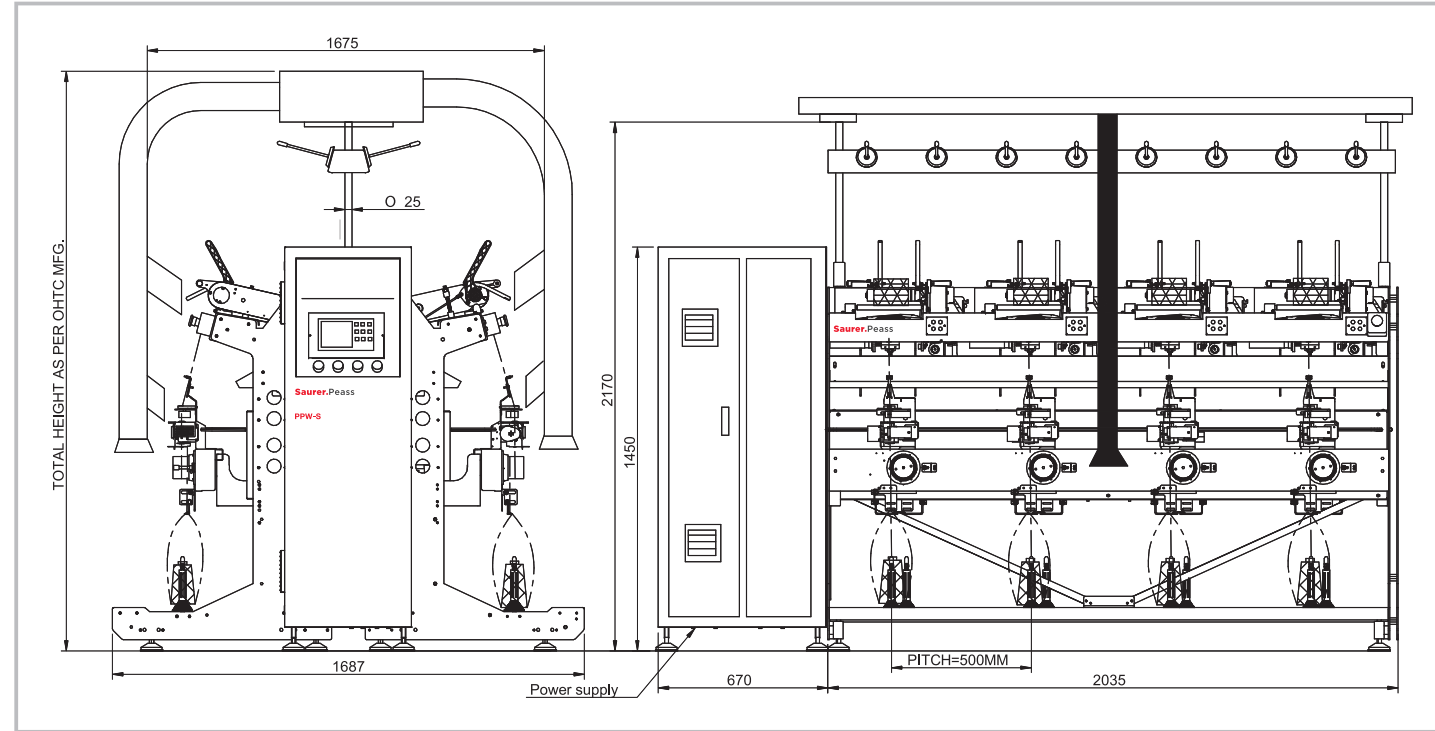


PPW-S

Technical specifications



Machine model PPW-S	Count range Ne 16 and above	Produce package type Cylindrical - bi-co tubes	Power Installed: 0.185 Kw./spindle
No. of winding heads 4 to 96 Spindles	Package destination Dyeing, Knitting, Warping, Weaving	Produce package diameter Min. ID Ø54 mm, max. OD Ø300 mm	Special features Propeller thread laying system for lowest yarn stressing while winding
Machine arrangement Single/ Double sided	Winding speed Up to 1600m/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 Ø250 mm diameter	Type of winding Precision winding

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.(0.185Kw./Sp.)	1.48	2.96	4.44	5.92	7.40	8.88	10.36	11.84	13.32	14.80	16.28	17.76
Net weight in Kg.	675	1275	1875	2475	3075	3675	4275	4875	5475	6075	6675	7275

Peass Industrial Engineers Pvt. Ltd.

Regd. Office

Survey No. 303/1/f & 302/1, Maneklal Road.
Navsari - 396 445 (W.R.) Gujarat, INDIA
Phone: +91 2637 240843 / 250811 / 325101 / 329419
Fax: +91 2637 257321
E-mail: navsari@peass.com

Mumbai Office

Merchant Chambers,
2nd Floor, 41, New Marine Lines,
Mumbai - 400 020 INDIA
Phone: +91 22 6121 0900
Fax: +91 22 6631 0570
E-mail: mumbai@peass.com

Delhi Office

729, Pocket 'E',
Mayur Vihar Phase II,
Delhi - 110 091 INDIA
Phone: +91 11 2277 3701 / 3244 5102 / 03
Fax: +91 11 2277 4741
E-mail: delhi@peass.com

Coimbatore Office

P-1, 3rd Floor, Red Rose Plaza,
509, D.B. Road, R.S. Puram,
Coimbatore - 641 002 INDIA
Phone: +91 422 254 4097 / 324 5115
Fax: +91 422 254 4097
E-mail: cbe@peass.com

Ahmedabad Office

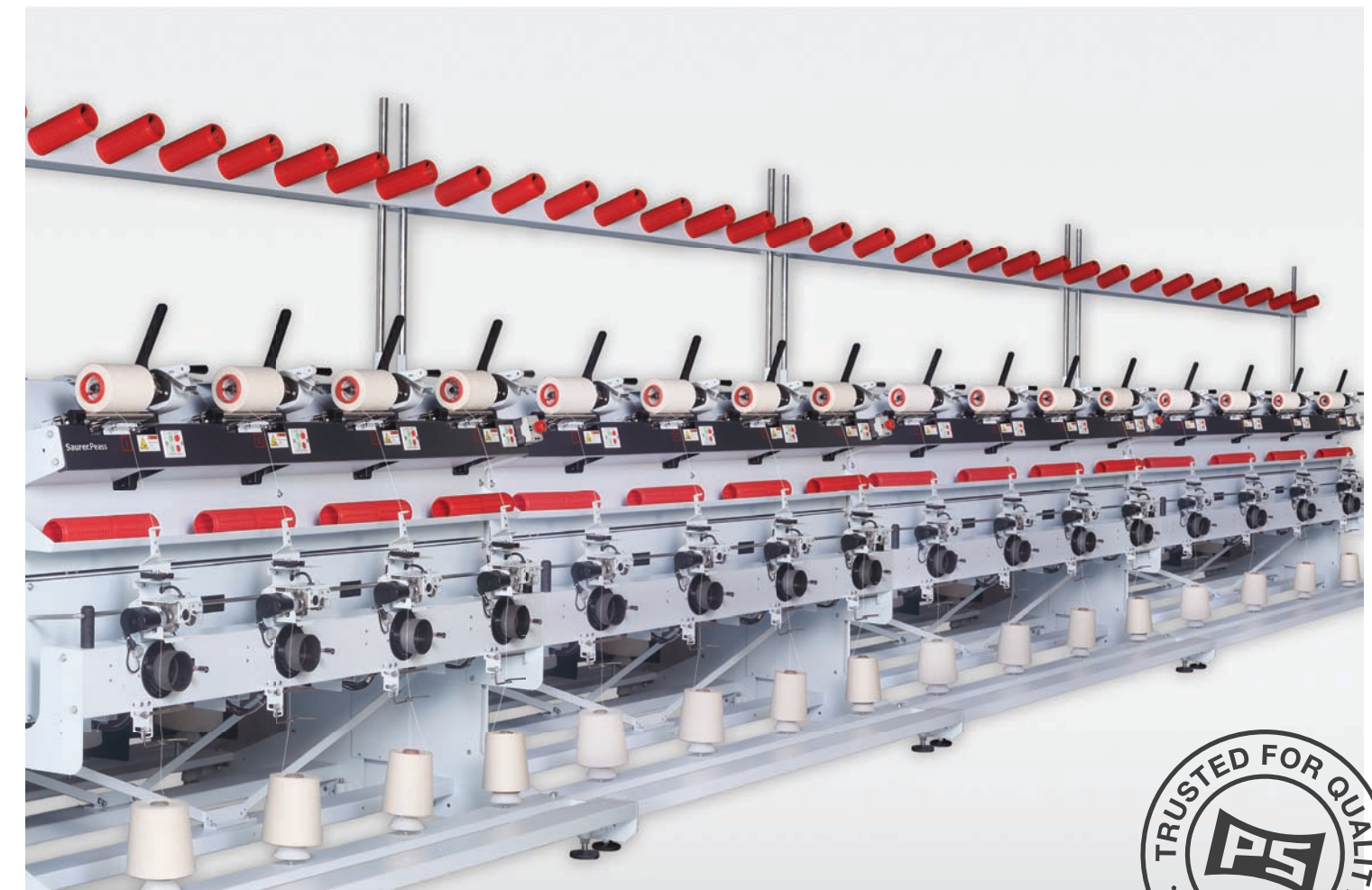
Samudra, B-201, 2nd Floor,
Sardar Patel Nagar Road,
Navrangpura,
Ahmedabad - 380 006 INDIA
Phone: +91 79 2642 7665 / 3293 5112
Fax: +91 79 2642 7665
E-mail: ahd@peass.com

Website: www.peass.com

Saurer.Peass

PRECISION SOFT PACKAGE WINDER
PPW-S.
KEY TO PERFECT DYEING

—
STAPLE FIBRE YARNS.





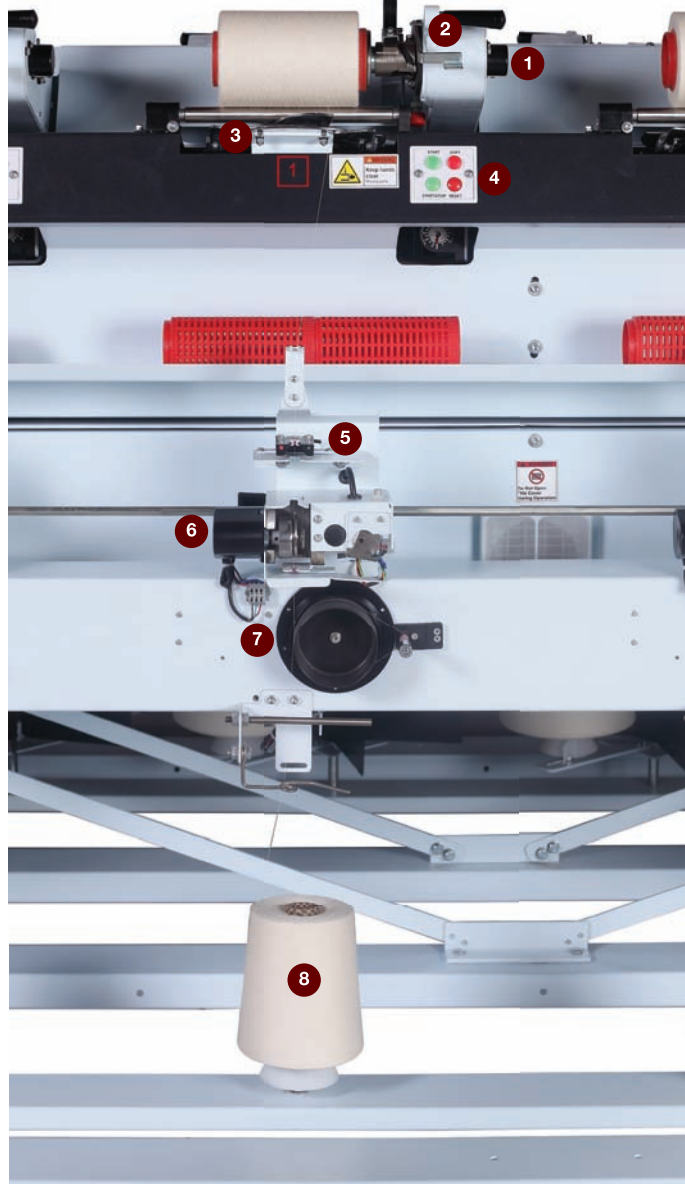
Precision Propeller Soft Package Winder PPW-S

The high performance soft package winder with uniform density, is equipped with individual micro controller and individual inverter drives that ensure constant yarn speed throughout the package.

A major advantage of precision wound cylindrical package form is better utilised filling capacity of the dyeing vessel for the same level of shore hardness. Greater weight in the range of 30 % - 35 % as compared to the weight of random wound conical package and 15 % - 20 % as compared to the weight of the random wound cylindrical package. This allows an increase by 15 % in the loading of the dyeing vessel, resulting in huge savings in dyeing cost.

Straight yarn path

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



Outstanding features

- 1 Diameter control
- 2 Swing arm
- 3 Yarn laying by counter rotating propeller
- 4 Visual display of yarn break and full doff
- 5 Electronic non contact yarn detector
- 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 are directly synchronised with the positively driven yarn package, precision winding is achieved.

Because of a constant winding ratio from start to the final package diameter, absolutely no ribbon or pattern zone is observed on the produce package. This guarantees excellent unwinding characteristics of the package during the subsequent process.

Smart controller

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

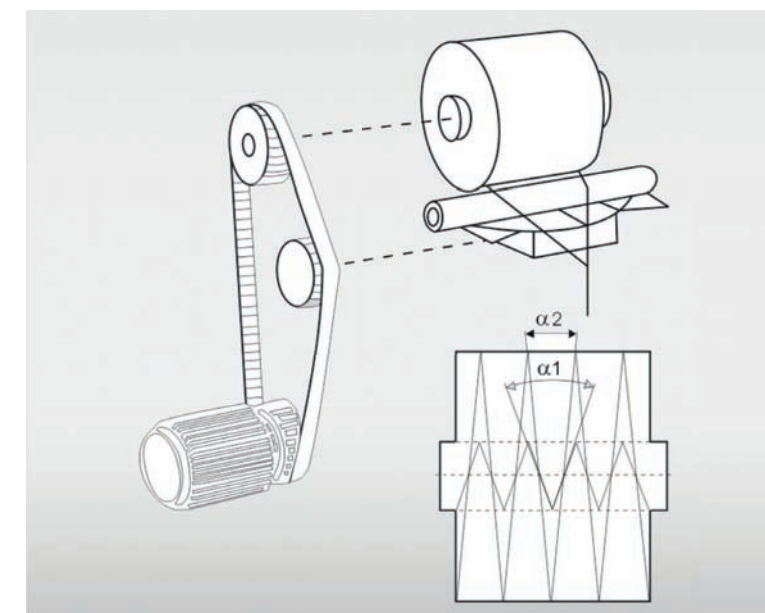
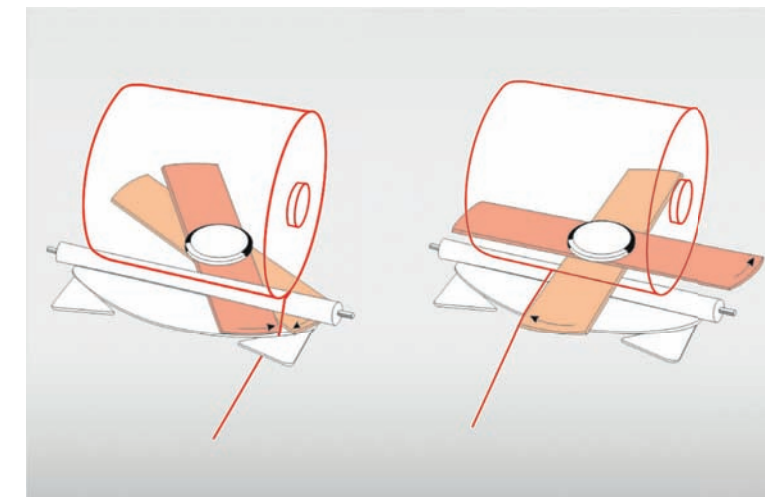
- High definition colour touch screen display 10"
- Individual/ group wise speed & length setting
- Storage of last 50 shift's data
- Extendable up to 96 spindles
- Individual spindle maintenance mode

Standard Features

- Individual frequency inverter drive
- 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



Constant number of coils from start to final package.

