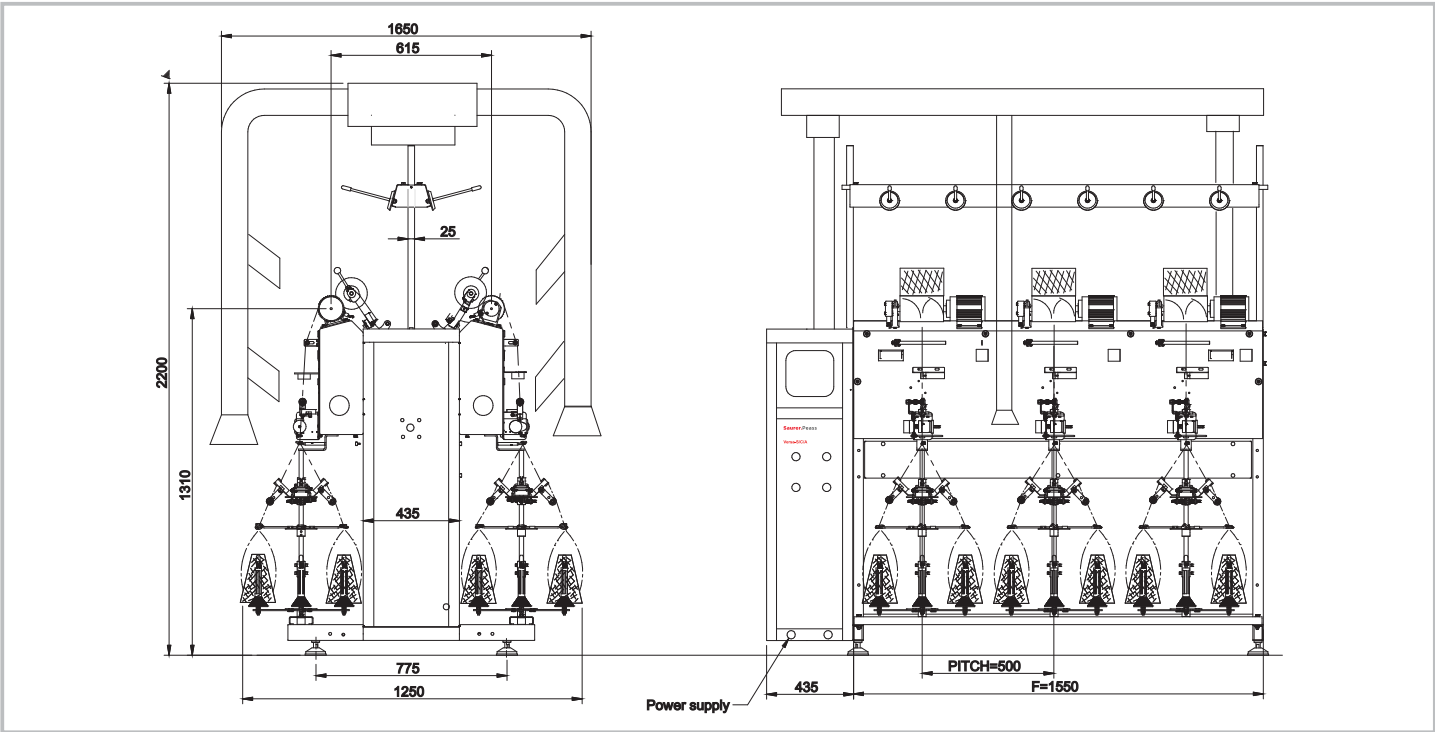


VERSA-S/C/A
 Technical specifications



Machine model Versa Winder	Spindle gauge 400 mm (500 mm in case of assembly winding 3 ply and above)	Count range 6 to 120 Ne	Supply package type All types
No. of winding heads 6 to 192 (multiples of 6)	Type of yarn Natural and synthetic spun yarn	Package destination Dyeing/final cone/twisting	Produce package type Dye spring, perforated cylindrical/ conical tube/ cheese
Machine arrangement Single / Double sided	Type of winding Random winding	Winding speed 1200 m/min (depending on process parameters)	Produce package dia Dia 220 mm
			Power Installed 0.12 Kw./spindle

Machine dimensions																
No. of spindles	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
Length (F=1200) Versa-S & C	1635	2835	4035	5235	6435	7635	8835	10035	11235	12435	13635	14835	16035	17235	18435	19635
Length (F=1550) Versa-A	1985	3535	5085	6635	8185	9735	11285	12835	14385	15935	17485	19035	20585	22135	23685	25235
Width in mm	1160 mm (Versa-A), 1250 mm (Versa-S & C),															
Height in mm	1310 mm															
Connected load (H.P.)	0.72	1.44	2.16	2.88	3.60	4.32	5.04	5.76	6.48	7.20	7.92	8.64	9.36	10.08	10.80	11.52
Net weight in Kg.	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000

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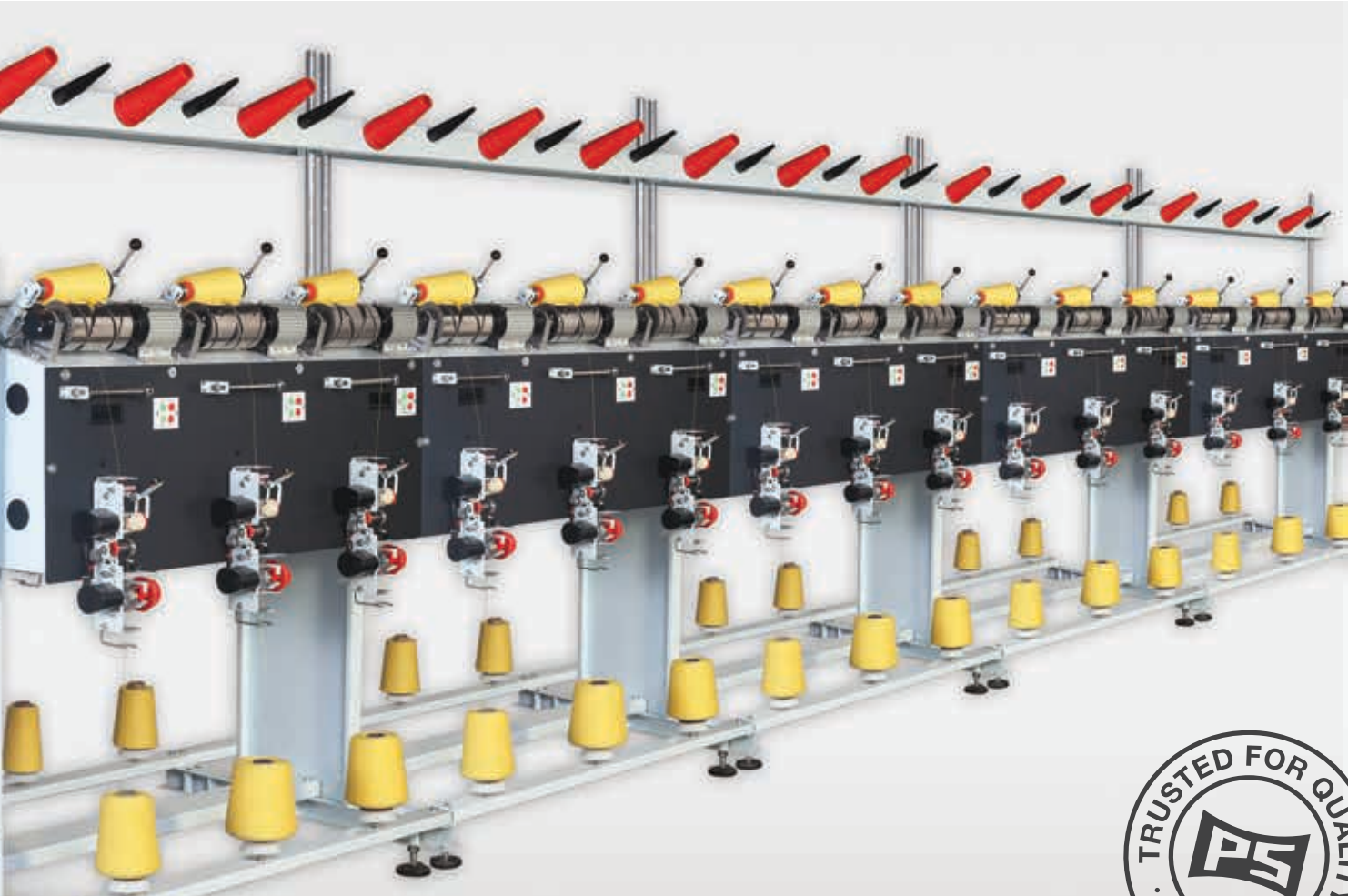
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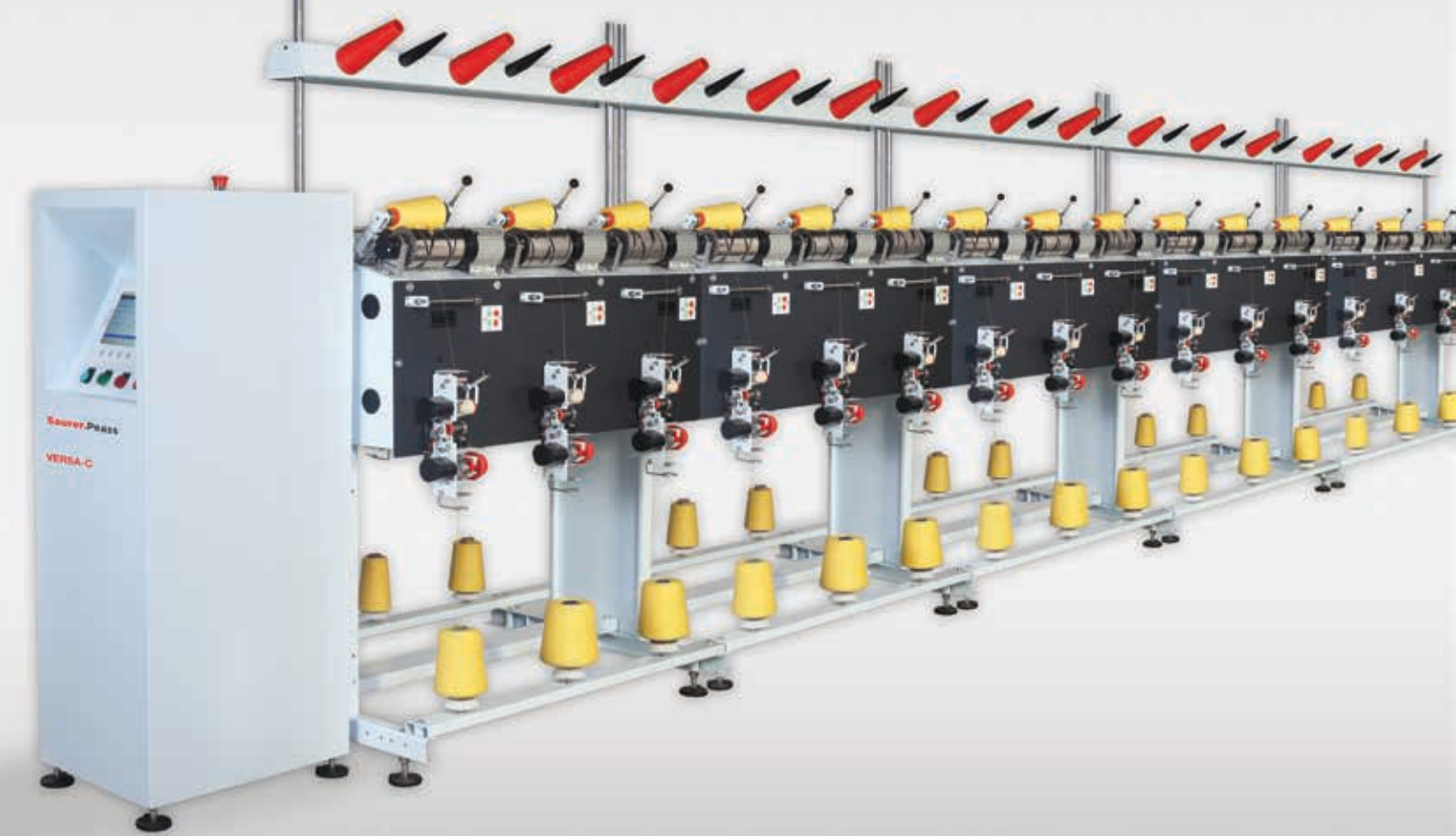
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PERFECT SOFT/CONE/ASSEMBLY WINDING
 VERSA-S/C/A
 —
 STAPLE FIBRE YARNS.





Versa Winder

The Versa Winder is a double sided high speed versatile drum winding machine, designed for soft package winding, cheese / cone winding as well as assembly winding as per model.

VERSA-C is mainly used to produce hard wound packages for different applications. Machine is suitable to wind 0° 0´ cylindrical package and 3° 30´ to 5° 57´ cone package.

VERSA-S is suitable for producing soft and uniform density dye packages on dye spring or perforated dye tubes. It is equipped with centrally driven, adjustable shogging motion (lateral displacement) device for soft edges.

The accelerating pressure reduction on the package compensates increasing pressure of the package on the drum with increasing diameter and results into uniform density and shape of the packages.

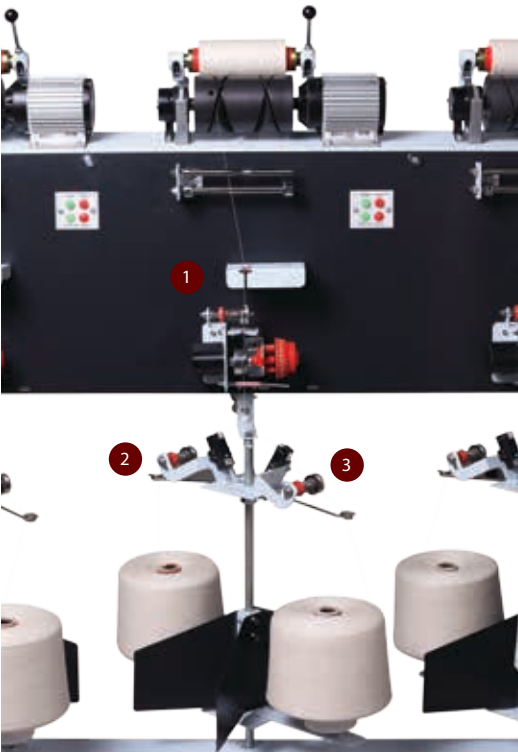
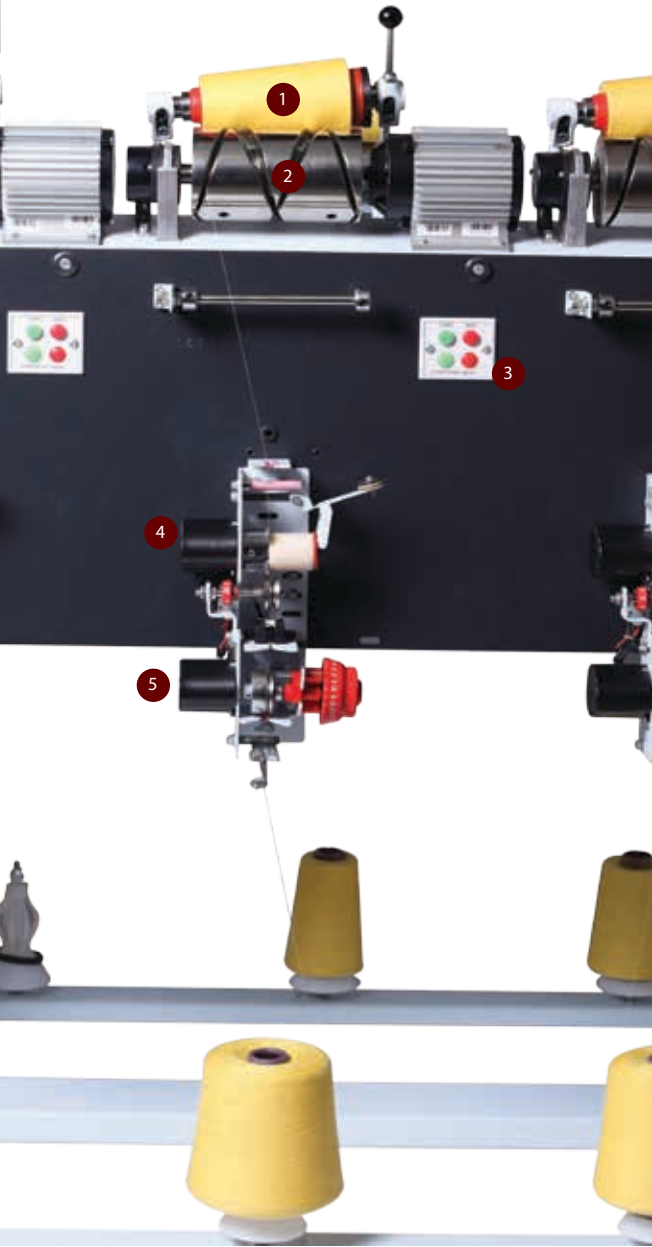
VERSA-A parallel assembly winder is equipped with inbuilt creel from two ply to four ply. Each ply has individual yarn sensor and pre-tension device. High efficiency magnetic cutter to prevent hard waste. This machine is suitable for producing cylindrical and conical high dense packages for different applications.

Salient features

- ▶ Individual spindle drive
- ▶ One inverter for a group of 18 spindles
- ▶ Individual length measuring
- ▶ Electronic anti-patterning
- ▶ Motorized tension device
- ▶ Motorized waxing device

Outstanding features Versa-A

- 1 Cutter
- 2 Individual sensor for each ply
- 3 Pretensioner for each ply



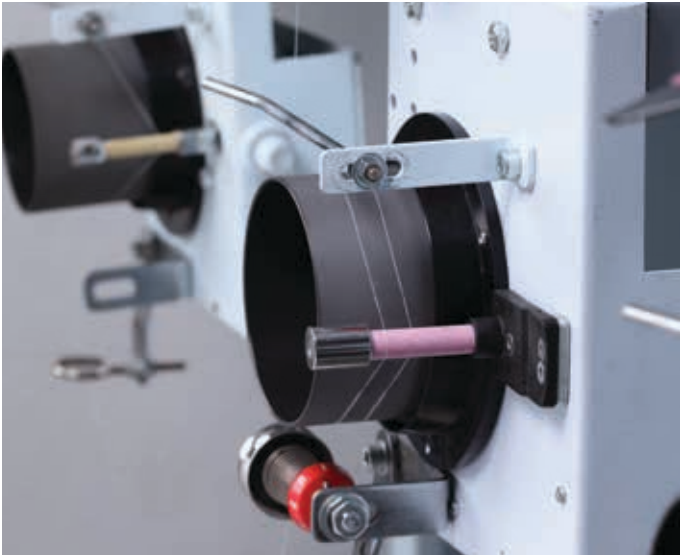
Assembly winder

Outstanding features Versa-C

- 1 Take up package
- 2 Traverse drum
- 3 Visual display of yarn break and full doff
- 4 Motorized waxing device
- 5 Motorized numbering tension device

Outstanding features Versa-S

- 1 Overfeed device
- 2 Motorized numbering tension device



Features	Versa-S (Soft winding)	Models Versa-C (Rewinding)	Versa-A (Assembly winding)
Individual motor drive	✓	✓	✓
Inverter speed control (group of 18 spdl.s.)	✓	✓	✓
Positively driven tension device (Motorized numbering tension device)	✓	✓	✓
Individual length counter	✓	✓	✓
Electronic anti-patterning	✓	✓	✓
Electronic yarn break detector/s	✓	✓	✓ (One per end)
Shogging motion (Soft Edge Att.)	✓	–	–
Cradle pressure compensation	✓	✓	–
Electro-magnetic yarn cutter	–	–	✓
Split end preventor	–	–	✓
Waxing device	–	✓	Optional
Mechanical slit type loop catcher	Optional	Optional	Optional
Full package pegs	✓	✓	✓
Aluminium anodised traverse drums	✓	✓	✓
C.I. Electroless chrome plated drums	Optional	Optional	Optional
Universal supply package holder/s	✓	✓	✓
Overhead travelling cleaner	Optional	Optional	Optional
Over feed	✓	–	–
Out side creel	–	–	Optional
Sulzer Cradle	Optional	Optional	Optional

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 192 spindles
- Density calculation software
- Individual spindle maintenance mode

Optional Features

- Overhead travelling blower
- Splicer unit

