



Peass Industrial Engineers Ltd.

VERSA-S/C/A

Perfect Soft/ Cone/ Assembly
Winding

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 after mounting extra attachment on it.

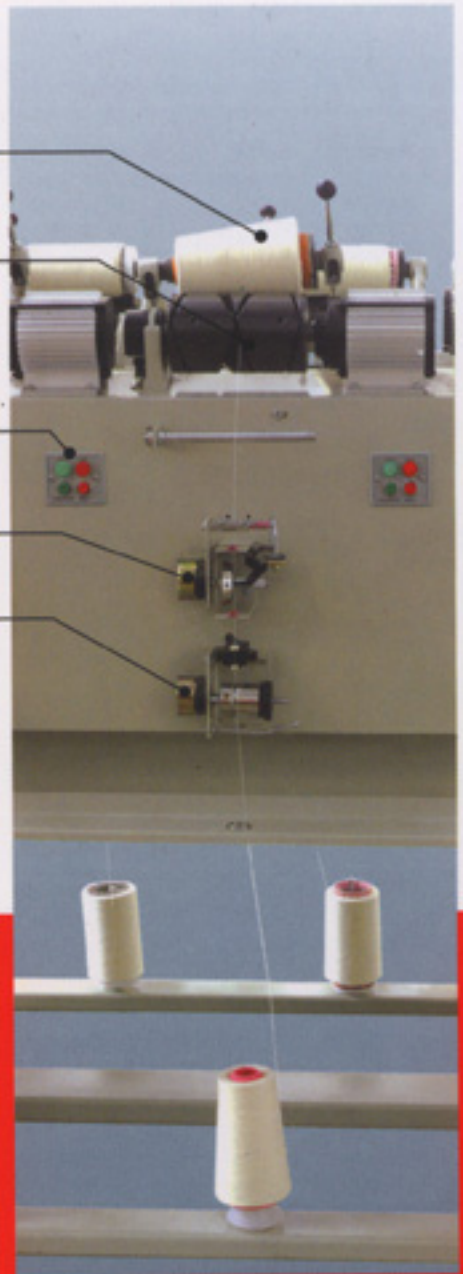
Versa Winder is suitable for producing soft and uniform density dye packages on dye spring, cylindrical or conical perforated tubes. It is equipped with centrally driven, adjustable shogging motion (lateral displacement) device for soft edges. The accelerating pressure reduction on the package compensates increasing pressure of the package on the drum with increasing diameter and results into uniform density and shape of the package.

Salient Features

- Individual Spindle Drive
- One Inverter for a group of 6 Spindles
- Individual Length measuring
- Diameter Control
- Electronic Antipatterning
- Motorized Tension Device
- Motorized Waxing Device



- Take up Package ←
- Traverse Drum ←
- Visual Display of Yarn Break and Full Doff ←
- Motorized Waxing ←
- Motorized Tension Device ←



Salient Features

Features	Models		
	Versa-S (Soft Winding)	Versa-C (Rewinding)	Versa-A (Assembly Winding)
Individual motor drive	✓	✓	✓
Inverter speed control (Group of 6 Spdls.)	✓	✓	✓
Positively driven tension device	✓	✓	✓
Individual length counter	✓	✓	✓
Diameter Control	Optional	--	Optional
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



Soft Package



Assembly Winder

Smart Controller

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

- High definition colour LCD, TFT display.
- Individual/ group wise speed & length setting.
- Key-pad with 16 keys.
- 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

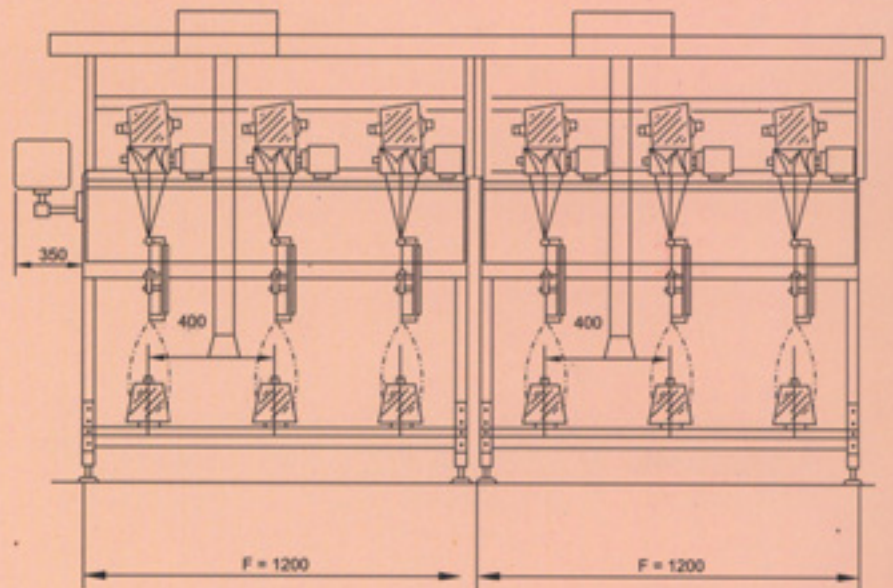
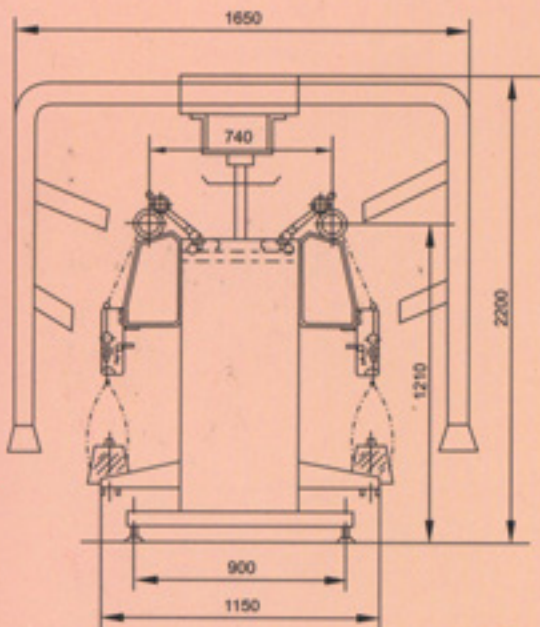


Technical Specifications

MACHINE MODEL	VERSA WINDER
NO. OF WINDING HEADS	12 to 192 (Multiples of 12)
MACHINE ARRANGEMENT	DOUBLE SIDED
SPINDLE GAUGE	400 mm (500 mm in case of Assembly Winding of 3 ply and above)
TYPE OF YARN	NATURAL AND SYNTHETIC SPUN YARN
TYPE OF WINDING	RANDOM WINDING
COUNT RANGE	6 to 120 Ne
PACKAGE DESTINATION	DYEING / FINAL CONE / TWISTING
WINDING SPEED	1200 m/min (Depending on process parameters)
SUPPLY PACKAGE TYPE	ALL TYPE
PRODUCE PACKAGE TYPE	DYE SPRING, PERFORATED CYLINDRICAL / CONICAL TUBE / CHEESE
PRODUCE PACKAGE DIAMETER	Dia 220 mm

Machine Dimensions

No. of spindles	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
Connecting load (H.P.)	1.92	2.88	3.84	4.8	5.76	6.72	7.68	8.64	9.6	10.56	11.52	12.48	13.44	14.4	15.36
Length (mm) F=1200	2400	3600	4800	6000	7200	8400	9600	10,800	12,000	13,200	14,400	15,600	16,800	18,000	19,200
Width (mm)	1210 MM														
Height (mm)	1150 MM														
Net weight in kgs.	1500	2250	3000	3750	4500	5250	6000	6750	7500	8250	9000	9750	10,500	11,250	12,000



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