

Advantages

- Optimum moisture gain.
- Additional weight realisation upto 2.5%
- Fly & fluff liberation reduced upto 60%
- Higher elongation and work capacity for yarn
- Improved weaving and knitting performance
- Reduced snarling.

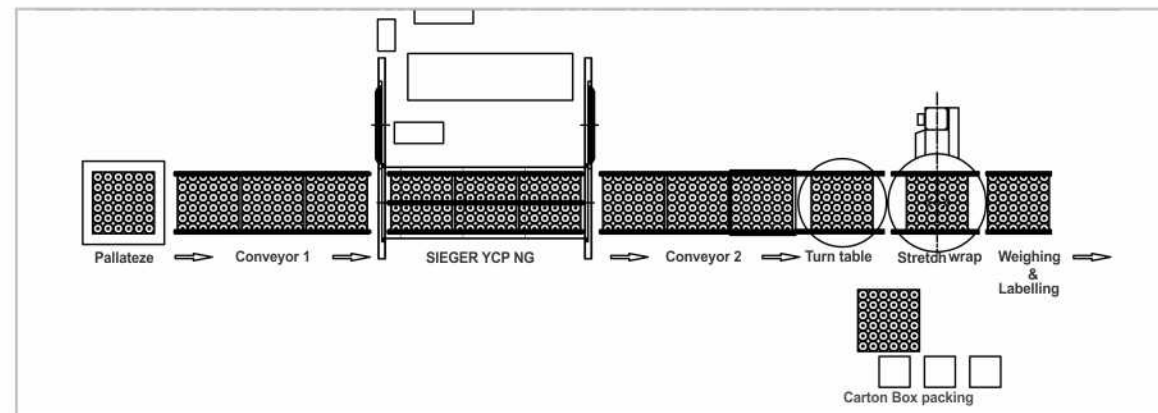
Features

- Higher vacuum
- Power failure bypass programme
- Higher resolution sensors
- Flexible software
- Wide range of materials

Variety of Yarns

- Cotton waxed
- Cotton unwaxed
- Polyester Cotton
- Polyester Viscose
- 100% Viscose
- Polyester wool / worsted
- Dyed yarn
- Melange yarn
- Lycra blends
- High twisted yarn
- Industrial yarn

SIEMER YCP NG Auto Line



Technical Specifications* (Standard Equipment)

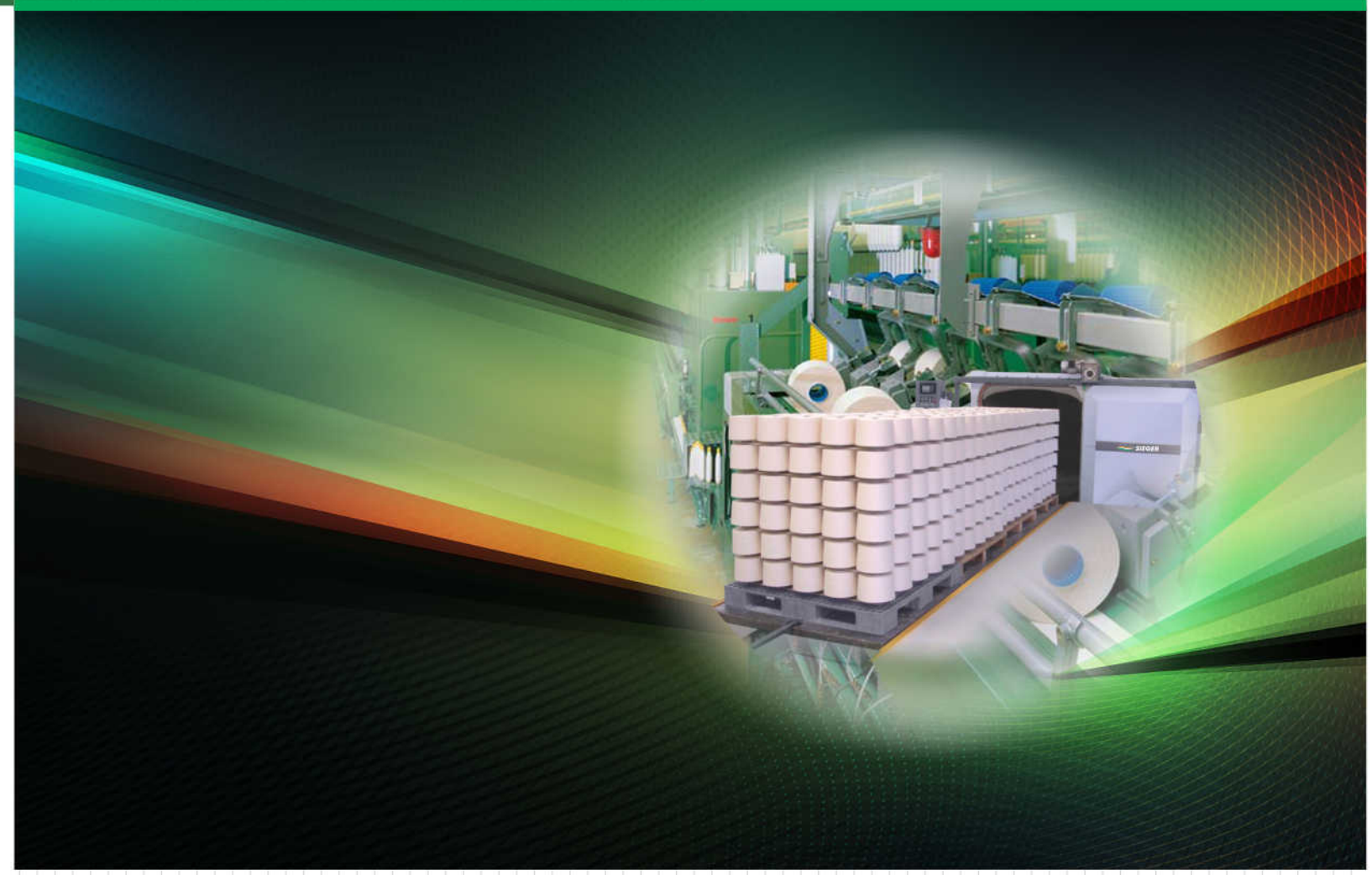
SIEMER Yarn Conditioning Plant - Models

DESCRIPTION	YCP NG			YCP Hicube			YCP NG UF		
	1250	1500	2000	2	3	4	UF	UF	UF
Production / batch in kgs	1250 kg	1500 kg	2000 kg	2 Pallets	3 Palets	4 Pallets	600 kg	1200 kg	1600 kg
Production / Day (upto)	27-30 MT	33-36 MT	44-48 MT	30-32 MT	45-48 MT	60-64 MT	13-15 MT	upto 29 MT	upto 35 MT
W	1450	1450	1450	1450	1450	1450	1450	1800	1800
L	4300	5100	6700	2850	4100	5300	1600	3075	3475
H	1850	1850	1850	2900	2900	2900	2000	2000	2000
Over all height from pit	2300	2300	2300	3500	3500	3500	2600	2600	2600
Connected load heater KW	90	150	150	150	150	180	60	90	150
Other motors Kw	14.5	14.5	26	14.5	26	26	7.5	14.5	14.5
Loading options	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Direct	Direct	Direct
Number of trolleys	5	6	8	0	0	0	2	4	6
Pallet size LxWxH mm	1200x1200 x1300	1200x1200 x1300	1200x1200 x1300	1200x1200 x2200	1200x1200 x2200	1200x1200 x2200	NA	NA	NA

◆ Capacity depends on package diameters, package weight. ◆ Production / day depends on capacity / batch & process parameter.
◆ technical details given in this catalogue are subject to change without prior notice.

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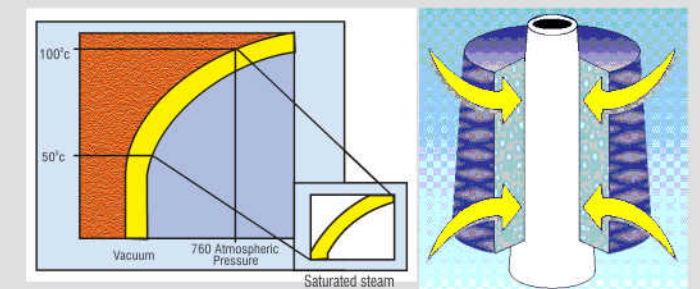
Yarn Conditioning Plant - YCP NG

* Flat floor mounting machine



YCP NG UF

Principle and Effect



SIEGER YCP Process - Yarn is conditioned with cold saturated steam. Steam is generated under vacuum in accordance to the vapor pressure curve of steam.

Homogeneous penetration of moisture is ensured by several stages of evacuation and impregnation with saturated steam. Precision sensors with perfect reproduction system ensures consistent performance within and between batches for years of operation.

Parameters involved

Material	Temp. °C	Soak Time	Total time
Cotton Waxed	55- 60	25- 30	55 min
Cotton Unwaxed	60- 80	20- 25	60 min
P/C, P/V	80- 90	30- 40	60 min
Viscose	60- 65	25- 30	55 min
Wool	70- 80	20- 25	60 min

Process fine tuning is done at site depending on the yarn to obtain maximum results. Constant research has enabled us to perfect the art of conditioning.

