

an ISO 9001 Company

### 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



## Yarn Conditioning Plant - YCP

### Technical Specifications\*

(Standard Equipment)

#### SIEGER Yarn Conditioning Plant - V-11 Series

DESCRIPTION	YCP 200	YCP 600	YCP 750	YCP 1000	YCP 1250	YCP 1500	YCP 2000
Capacity / Batch - Kgs	200 kg	600 kg	750 kg	1000 kg	1250 kg	1500 kg	2000 kg
Production / Day - Tons	4-4.5 MT	13-14 MT	16-18 MT	22-24 MT	27-30 MT	33-36 MT	44-48 MT
Diameter mm	1400	1800	2000	2000	2000	2000	2000
Length mm	1500	2500	2500	3300	4100	4900	6500
Height from pit - mm	2800	3400	3800	3800	3800	3800	3800
Connected Load heater - Kw	36	90	90	120	150	180	210
Other motors - Kw	6	7	13.5	13.5	13.5	13.5	24.5
Loading options	Direct	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Number of trolleys	1	3	3	4	5	6	8

◆ Capacity depends on package dimensions, package weight. ◆ Production / day depends on capacity / batch & process parameters.

◆ Technical details given are subject to change without prior notice.



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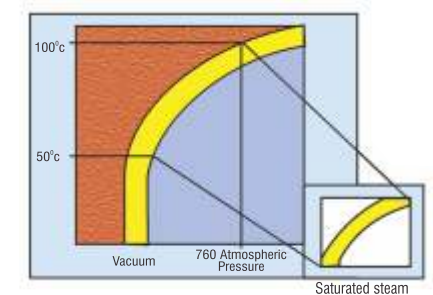
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## Yarn Conditioning Plant - YCP

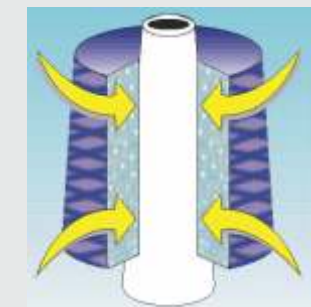


### Principle of YCP



Sieger YCP conditioning is carried out by cold saturated Steam generated inside the plant. Steam is generated in accordance to the vapour pressure curve of steam, to maintain homogeneity.

### Effect



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
Wbol	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.