

**SIEGER**

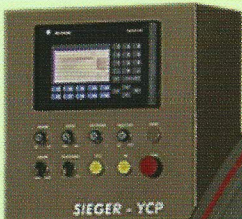


**Yarn Conditioning Plant - YCP**





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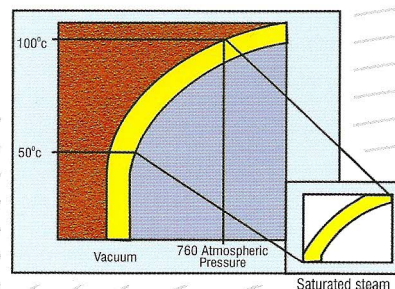


SIEGER - YCP



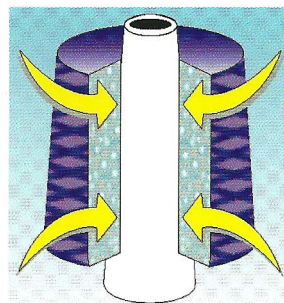
# Yarn Conditioning Plant - YCP

## 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 - 100	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.



### 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

### Technical Specifications\*

(Standard Equipment)

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

DESCRIPTION	YCP 200	YCP 500	YCP 1000	YCP 1250	YCP 2000
Capacity / Batch	200 kg	500 kg	1000 kg	1250 kg	2000 kg
Production / Day (upto)	4-4.5 MT	11-12 MT	22-24 MT	25-30 MT	UPTO 52 MT
Diameter mm	1400	2000	2000	2000	2000
Length mm	1500	1700	3300	4100	6500
Overall height from pit	2800	3000	3000	3000	3000
Connected Load heater Kw	36	60 / 90	90 / 120	120 / 150	150 / 210
Other motors kw	4	7.5	12.5	12.5	26
Loading options	Direct	Automatic	Automatic	Automatic	Automatic
Number of trolleys	1	2	4	5	8

◆ 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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