



Tomorrow's Technology...
Delivered Today

SIEGER - Range of Products

- ▲ YCP - Yarn Conditioning Plant
- ▲ YCP NG Cubical - Yarn Conditioning Plant
- ▲ YCP NG UF (Pit less) - Yarn Conditioning Plant
- ▲ YCP NG HI-Cubical - Yarn Conditioning Plant
- ▲ YCP NG Autoline - Yarn Conditioning Plant with Pre-conditioning
- ▲ ADOF V3 - Automatic Ring Doffing system
- ▲ RTS - Roving Transportation System
- ▲ Auto Trans & Auto Pal
- ▲ ATC - Automatic Over Head Travelling Cleaner
- ▲ APAC - Automatic Cone Packing System
- ▲ ASTOR - Automatic Storage System



Yarn Conditioning Plant - YCP



Advantages

- ▲ Optimum moisture gain.
- ▲ Additional weight realisation upto 1.7%
- ▲ Reduction in fly & fluff liberation upto 60%
- ▲ Higher elongation and work capacity for yarn
- ▲ Improved weaving and knitting performance
- ▲ Reduced snarling
- ▲ From 200kg to 4000kg / batch
- ▲ Cotton
- ▲ Polyester cotton
- ▲ Polyester Viscose
- ▲ Acrylic } Nylon } Core yarn etc.
- ▲ Electrical, Steam, Gas, Dual Heater

Yarn Conditioning Plant - YCP NG Cubical



Features

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

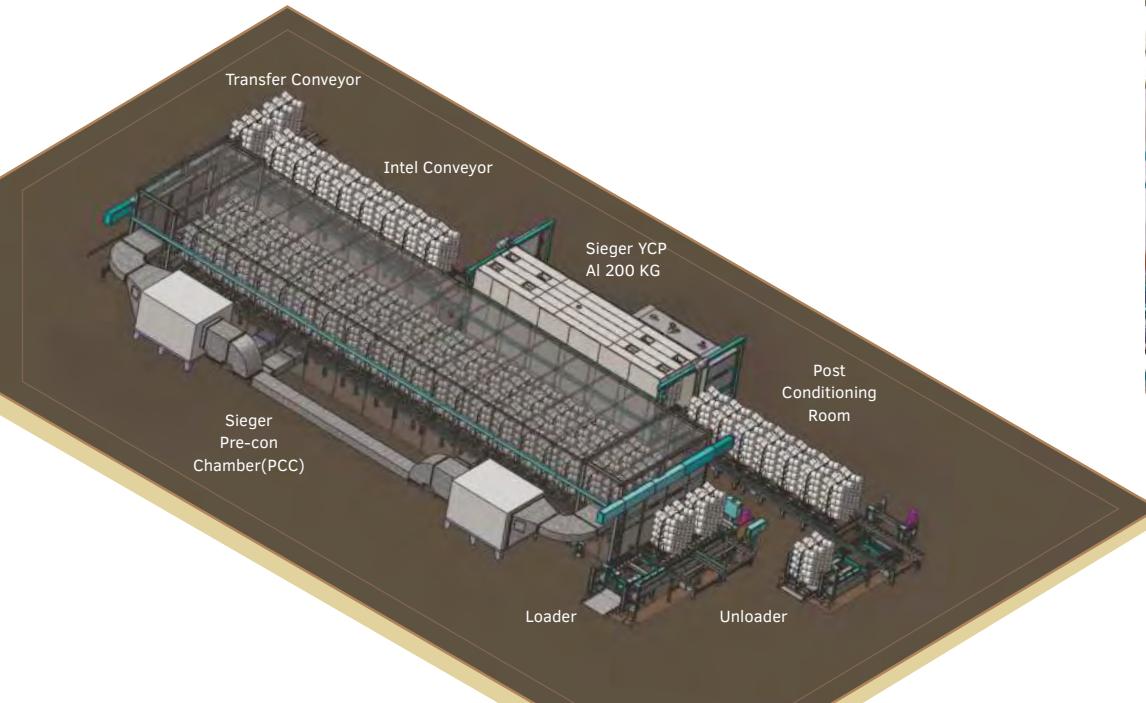
Yarn Conditioning Plant - YCP NG UF (Pitless)



Yarn Conditioning Plant - YCP NG HI-Cubical



Yarn Conditioning Plant with Pre-conditioning - YCP NG Autoline



YCP NG Autoline - Advantages

SIEGER YCP NG AUTOLINE with Preconditioning in trolleys is the first of its kind and is a value added system which possess the following benefits:

- ▲ Additional moisture gain of 0.5% due to Preconditioning. (totaling upto 2.5 % after YCP)
- ▲ Proper Pre conditioning with **First In First Out (FIFO)** and no chances of variations during pre conditioning.
- ▲ The movement of cone from the preconditioning is done automatically.
- ▲ The cones are maintained in the desired temp equally to ensure uniform moisture gain in all the cones.
- ▲ Reduces the material handling and work force.
- ▲ Linked to YCP with doors for inlet and outlet.
- ▲ Completely automatic system



Automatic Ring Doffing system - ADOF V3



Five worldwide
patents applied for
Innovation

- ▲ 90 sec.. doffing time.
- ▲ Empty bobbin dumping hopper.
- ▲ Top bunching and under winding mechanism.
- ▲ Caddy centering device.
- ▲ E-Pusher for peg tray movement.
- ▲ Sliding Intermediate Rails



Shortest Doff Time*



Dumping System



Unique Top Bunching Mechanism*



Flexi Press Gripper



Under Winding



E-Pusher



Production Monitoring System



Ball Screw with Encoder

RTS - Roving Transportation System

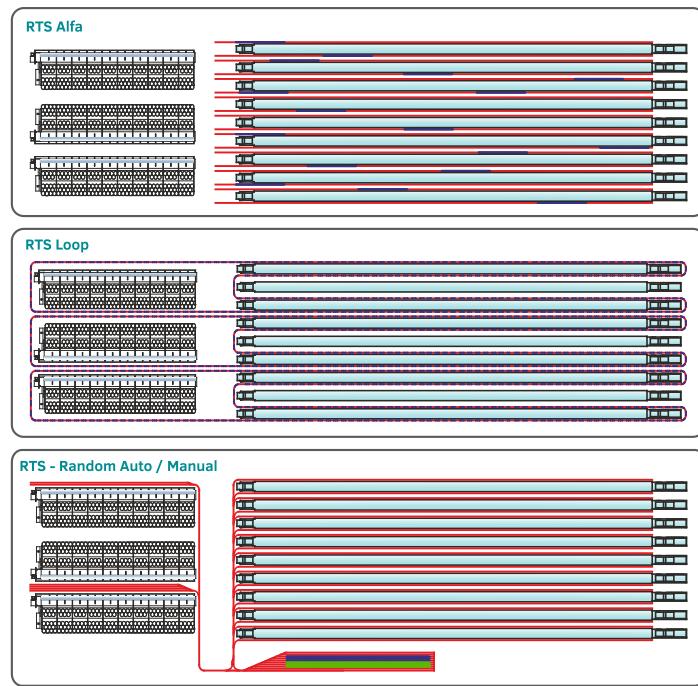
SIEGER - An established solution provider for textile mills with state-of-the-art manufacturing facilities, to offer proven automation solutions, for spinning mills.



Buffer



RTS - Layout



Rails



Switches & Diverters



Lay Out



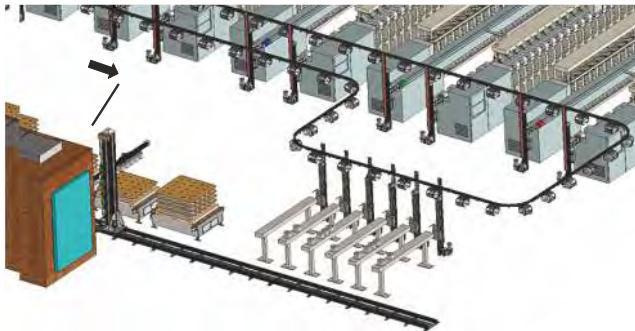
Elevation



ROVEMASTER - Inline

Auto Trans

Sieger is proud introduce the autotrans line in India.
 The cones from the autoconer is carried to the YCP and Packed.
 This will reduce the manpower after autodoffer till packing.
 Cones of different colors and materials are identified and packed as per the desired option.

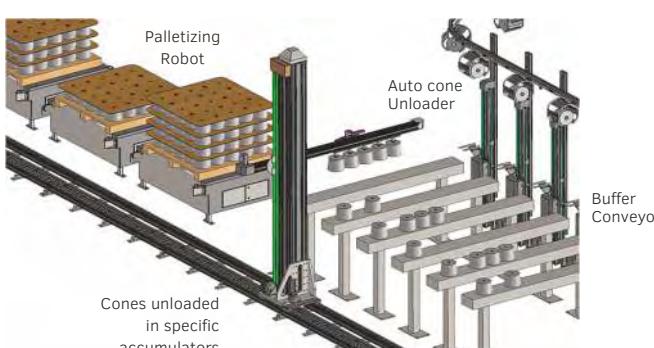


Overhead Cone Transport System

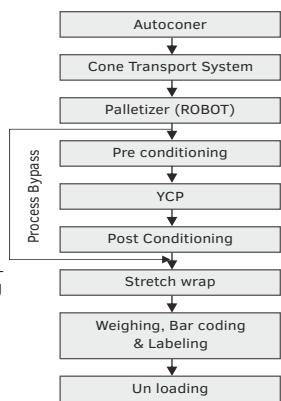
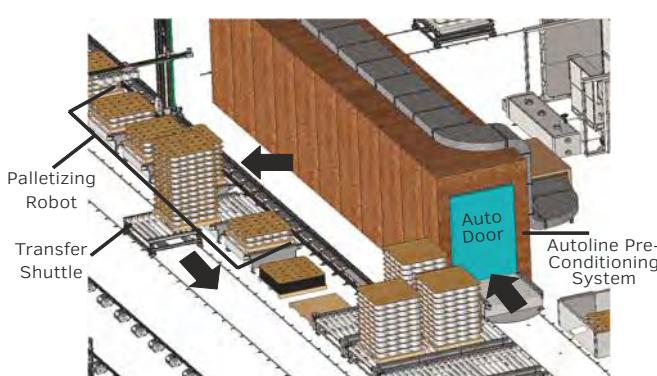
Auto Pal



Cone Unloader



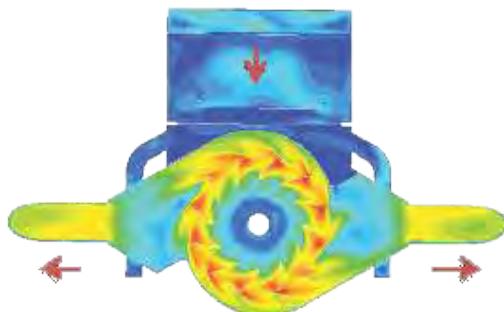
Palletizer Robot



Automatic Over Head Travelling Cleaner - ATC



OHTC Chamber is design using CFD
(Computational Fluid Dynamics)



Unique Features

- ▲ Advance State-of-the-art Aero Dynamic design - Optimized and efficient air flow using CFD technique.
- ▲ High performance current collector- for longer life.
- ▲ Special conductor strip-Efficient bus bar system and least maintenance.
- ▲ Lightweight and interlocking chamber design-better stability.
- ▲ Coated filter mesh for better cleaning

Automatic Cone Packing System - APAC

Automatic wrapping of yarn bobbins, conical and cylindrical packages into polyethylene film.



Specifications

- ▲ Packing capacity - upto 700 cones/ hour
- ▲ Package dimension - 150 to 270 mm
- ▲ Polybag and carton box packing available
- ▲ Individual cone labelling

Manual Weight Balancing



Buffer Storage
(Optional)



Wrapping



Bagging



Boxing

Automatic Storage System - ASTOR

- ▲ Automatic storage and retrieval of items
- ▲ Drastic reduction in the time for both storing and retrieval
- ▲ Space saving of approx. 65% for the same volume
- ▲ Automatic flow of material is governed by systems
- ▲ Easy and faster tracking of Stores materials
- ▲ Avoids mix up of materials
- ▲ Reduction in man power for storage.





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About **SIEGER**

SIEGER is a dynamic player in the engineering arena with expertise in the multiple disciplines of Textile machinery, Industrial Automation, Packaging and advanced car parking systems.

SIEGER is propelled by a team of dynamic workforce with experience and expertise backed by state-of-the-art infrastructure spread over 15,000 Sq.Meter. At SIEGER assiduous engineers lead the R&D for continual development of products as well as processes. We are recognised as a R&D Center by Govt of India.

The Secret of a company's success is reinforced by its values, quality, integrity, performance, leadership, innovation and the individuals and is backed by professionally qualified management.

Every SIEGER product supplied to specific business needs comes with a committed warranty for spares & services, working on proven ERP System.

"SIEGER Parking" - is a Multi-level car parking solution, connecting innovation to social need of the hour.

SIEGER, in harmony with health and safety requirements comply with environmental policies to provide sustainability to the community at large.



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