



Machine Training

OMEGAlap and comber

OMEGAlap (lap former) training topics

- Day 1**
- Introduction to combing – basic textile
 - Technological purpose and functioning of the machines
 - Technical terms related to lap former machine
 - Basic calculations – production/lap weight, gms/m / draft
- Day 2**
- Parameters influencing lap formation
 - Doffing cycle in detail
 - Mechanical and technological adjustments, drives, change points, gearing plans,
 - Pneumatic circuit of the machine
 - Preventive maintenance and safety regulations
- Day 3**
- Working principle difference between E 32/E 35/E 36
 - Assembly and subassembly, important components and its setting
 - Change the winding belt and it's calibration, winding pressure E 32/E 35/E 36
 - Tension in calendar rolls, adjusting the drafting system
 - Knowledge of clutch, maintenance, checking air gap

Comber training topics

- Day 4**
- Introduction and necessity of combing machine
 - Technical terms related to combing machines
 - Parameters influencing combing operation
 - Noil extraction theory
 - Practical adjustment on the machine
- Day 5**
- Basic calculations – production/noil%/draft
 - Programming of the machine configuration/ description of machine menu
 - Preventive maintenance and safety regulations
 - Understanding of gearing diagram and pneumatic panel
 - Assembly and subassembly
- Day 6**
- Yarn count change procedure/technical formulae
 - Comber ROBOlap – basic principle/settings
 - General discussion and question answers
 - All pending points/exam
- + 1**
- **Additional day in case of SERVOlap installation**
 - SERVOlap layout and positioning of the machine
 - Introduction and working principle of SERVOlap
 - Introduction of display parameters
 - Important components and its setting
 - Initialization and referencing of SERVOlap

Duration:

- 6 days for OMEGAlap and comber without SERVOlap
- + one additional day in case of SERVOlap

Target audience:

- Mechanical and electrical technicians, foreman, fitters
- Supervisors, engineers from production, quality, maintenance and utility departments

Number of participants: Up to a maximum of 10

■ INmill ✓

■ INclass ✓

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