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SMI TRAINING CENTER

Courses programme



SMI Training Center

The technical training courses of SMI Training Center are organized for line operators, maintenance men, production managers, electricians, mechanics and electronics engineers who want to take the greatest advantage offered by SMI machines and enhance their production efficiency.

The training courses are held by specialized engineers who perfectly know the needs of operators handling SMI machines.

They consist of a theoretical training, held in class by means of teaching material, and a practical training in workshops enabling to apply the new skills learned in class.

The courses are organized in groups of maximum 6 people, so as to ensure the correct learning of participants and assess their abilities at the end of the training path.



Bottling & Filling

They can be held either at SMI's HQ in San Giovanni Bianco or at the customer's premises. In the latter case, a classroom and the machine downtime are required for the theoretical part and the practical session respectively.

At the end of the course held at SMI's HQ a certificate of attendance is delivered.

SMI training courses are exhaustive and well-structured; their duration can vary according to the level of technical knowledge requested.



COURSE FOR OPERATORS

This course is specific for operators handling stretch-blow moulders of the EBS ERGON series and the integrated systems of blow-moulding, filling and capping of the ECOBLOC® ERGON series.

Duration: 2 days

Models: EBS K - EBS - EBS HC - ECOBLOC®

Code: TT020196

Programme:

- Description of Smiform range of machines and the position of brushless motors
- Description and position of machine controls
- Description of the oven
- Cleaning and lubrication
- Machine handling, interface menu
- Format changeover.

COURSE FOR MAINTENANCE TECHNICIANS

This course is specific for mechanical maintenance technicians handling stretch-blow moulders of the EBS ERGON series.

The trainees will also learn the procedures to follow for modifying the main machine parameters and for replacing electric and electronic devices.

Duration: 3 days

Models: EBS K - EBS - EBS HC

Code: TT020197

Programme:

- Description of Smiform range of machines and the position of brushless motors
- Description and position of machine controls
- Description of the oven

- Cleaning and lubrication
- Machine handling, interface menu
- Description of the stretch-blow moulding process
- Format changeover
- Motornet System
- Parametrization
- Backup and parameters recovery
- Search for breakdowns and subsequent replacements
- Description of electrical and mechanical manuals.



COURSE FOR MAINTENANCE TECHNICIANS

This course is specific for mechanical maintenance technicians handling integrated systems of blow-moulding, filling and capping of the ECOBLOC® ERGON series.

The trainees will also learn the procedures to follow for modifying the main machine parameters and for replacing electric and electronic devices.

Duration: 4 days

Models: ECOBLOC® - ECOBLOC® HC - - ECOBLOC® K

Code: TT020198

Programme:

- Description of Smiform range of machines and the position of brushless motors
- Description and position of machine controls
- Description of the oven
- Cleaning and lubrication
- Machine handling, interface menu
- Description of the stretch-blow moulding process
- Description of the filling process
- Format changeover
- Motornet System
- Parametrization
- Backup and parameters recovery
- Search for breakdowns and subsequent replacements
- Description of electrical and mechanical manuals.



Packaging

COURSE FOR OPERATORS

This course is specific for operators handling packaging machines.

Duration: 2 days

Models: SK/AFW/LSK/CSK/MP/WP/CWP/LWP/CM/LCM

Code: TT020194

Programme:

- Description of Smiflexi range of machines and the position of brushless motors
- Description and position of machine controls
- Description of the oven (only for the shrinkwrappers equipped with it)
- Cleaning and lubrication
- Machine handling, interface menu
- Format changeover, adjustment of infeed bars.

COURSE FOR MAINTENANCE TECHNICIANS

This course is specific for mechanical maintenance technicians handling packaging machines.

The trainees will also learn the procedures to follow for modifying the main machine parameters and for replacing electric and electronic devices.

Duration: 3 days

Models: SK/AFW/LSK/CSK/MP/WP/CWP/LWP/CM/LCM

Code: TT020195

Programme:

- Description of Smiflexi range of machines and the position of brushless motors
- Description and position of machine controls
- Description of the oven (only for the shrinkwrappers equipped with it)
- Cleaning and lubrication

- Machine handling, interface menu
- Format changeover, adjustment of infeed bars
- Motornet System
- Parametrization
- Backup and parameters recovery
- Search for breakdowns and subsequent replacements
- Description of electrical and mechanical manuals.



Palletizing

COURSE FOR OPERATORS

This course is specific for operators handling automatic palletizing systems of the APS ERGON series.

Duration: 2 days

Models: APS

Code: TT020199

Programme:

- Description of Smipal range of machines, the position of brushless motors and asynchronous motors
- Description of the emergency areas, protections and push-buttons
- Description and position of the machine controls
- Cleaning and lubrication
- Machine handling, interface menu
- Re-phasing and phase recovery
- Format changeover, adjustments.

COURSE FOR MAINTENANCE TECHNICIANS

This course is specific for mechanical maintenance technicians handling automatic palletizing systems of the APS ERGON series.

The trainees will also learn the procedures to follow for modifying the main machine parameters and for replacing electric and electronic devices.

Duration: 3 days

Models: APS

Code: TT020200

Programme:

- Description of Smipal range of machines, the position of brushless motors and asynchronous motors
- Description of the emergency areas, protections and push-buttons

- Description and position of the machine controls
- Cleaning and lubrication
- Machine handling, interface menu
- Re-phasing and phase recovery
- Format changeover, adjustments
- Motornet System
- Parametrization of ELN shafts and other functional groups
- Parametrization: the creation of a new layer
- Inverters programming (pallets and rotating tables conveying)
- Backup and parameters recovery
- Search for breakdowns and subsequent replacements
- Description of electrical and mechanical manuals

