

smi training center



- ✦ SK Series
- ✦ MP Series
- ✦ WP Series
- ✦ SR Series



Training courses for
machine operators

smi training center

✦ TRAINING COURSES ON SMI PACKERS

Duration: 4 days

Trainees: 4 people

Price: 4390 €

For each additional trainee (up to 6 people maximum): 260 €

Inclusive of: personal trainer, manuals, taxi from the airport to SMI and from SMI to the airport, board and lodging for 4 nights.

The price does not include: trainees' travelling expenses, translators, visa or special documentation required for the journey



✦ 1st DAY

Morning

- ✦ Visit to SMI S.p.A.
- ✦ Video introducing the company
- ✦ Machine general description:
 - main features
 - packaging process

Afternoon

- ✦ Notes about the machine positioning and installation:
 - comprehension of the lay-out
 - machine positioning within the line
 - air and power supply
 - installation of flow check photocells and/or sensors
 - terminal board for the communication with the final user
- ✦ Explanation of the MotorNet System®



✦ 2nd DAY

Morning

- ✦ Detailed description of the machine groups from a mechanical and electronic point of view, by focusing on:
 - infeed conveyor
 - product separator
 - cardboard magazine and climb
 - dividing bars
 - cardboard sealing and pack formation zone

Afternoon

- film reels, sealer and film climb
- film wrapper bars
- film belt
- shrinking tunnel
- pneumatic and oleo-dynamic system

3rd DAY

Morning

- ✦ Machine operation
- ✦ Description of the operator interface and of the control devices
- ✦ How to start and stop production
- ✦ Phase search and phase recovery
- ✦ Reset of the main alarms



Afternoon

- ✦ Description of the operator manual and of the use and maintenance manual:
 - commands
 - operator page
 - main check parameters
 - replacement of the wear and tear components



4th DAY

Morning

- ✦ Parameters modification and storage
- ✦ Description of the machine main parameters:
 - separator
 - cardboard
 - film
 - oven
 - machine speed



Afternoon

- ✦ Description of the electrical components:
 - electrical panel description
 - setting and replacement of the main electrical and electronic components
 - comprehension of the electrical diagram
- ✦ Description of the mechanical manual, of the ordinary maintenance and of the recommended spare parts
- ✦ Changeover, mechanical settings and main parameters for the automatic changeover

✦ 1st DAY

Morning

- ✦ Visit to SMI S.p.A.
- ✦ Video introducing the company
- ✦ General description of the machine:
 - infeed conveyor
 - cardboard magazine
 - cardboard picker
 - pitch divider
 - cardboard feeding
 - separator
 - infeed conveyor
 - former 1
 - former 2
 - pack sealer
 - outlet conveyor
 - pneumatic and lubricating system

- photocells and sensors in the machine and in the line

Afternoon

- ✦ Machine operation:
 - operator interface and control devices
 - direct commands
 - operator page
 - how to start and stop production
 - phase search and phase recovery
 - reset of the main alarms
- ✦ Changeover procedure



✦ 2nd DAY

Morning

- ✦ Machine general description
- ✦ Information about the machine positioning and installation:
 - comprehension of the lay-out
 - machine positioning within the line
 - pneumatic and electrical connection
 - installation of flow check sensors and photocells in the line
 - final user terminal board

Afternoon

- ✦ Machine operation:
 - MotorNet System®
 - operator interface and control devices
 - direct commands
 - operator page
 - how to start and stop production
 - phase search and phase recovery
 - reset of the main alarms

3rd DAY

Morning

- ✦ Description of the machine groups and details about the machine mechanical operation:
 - infeed conveyor
 - cardboard magazine
 - cardboard picker
 - pitch divider
 - cardboard infeed
 - separator
 - infeed conveyor
 - former 1
 - former 2
 - pack sealer
 - outlet conveyor
 - pneumatic system; photocells and sensors in the machine and in the line

Afternoon

- ✦ Detailed description of the Use and Maintenance manual:
 - Replacement of the wear and tear components
 - Mechanical manual; ordinary maintenance and recommended spare parts
 - Mechanical settings for the changeover



4th DAY

Morning

- ✦ Description of the machine groups and details about the electrical components:
 - pneumatic and lubricating system
 - parameters modification and storage

Afternoon

- ✦ Description of the machine main parameters:
 - infeed conveyor
 - cardboard magazine
 - cardboard picker
 - pitch divider
 - cardboard infeed
 - separator
 - infeed conveyor
 - former 1
 - former 2
 - pack sealer
 - outlet conveyor
- ✦ Description of the electrical components:
 - electrical panel
 - setting and replacement of the main electrical and electronic components
 - comprehension of the electrical diagram



👉 1st DAY

Morning

- 👉 Visit to SMI S.p.A.
- 👉 Video introducing the company
- 👉 General description of the machine
 - infeed conveyor
 - product separator
 - dividing bars
 - cardboard magazine and climb
 - conveyors
 - glue group
 - flap folder
 - former
 - pneumatic system
 - function of the photocells and of the sensors installed in the machine and in the line

Afternoon

- 👉 Machine operation:
 - operator interface and control devices
 - direct commands
 - operator page
 - how to start and stop production
 - phase search and phase recovery
 - reset of the main alarms



👉 2nd DAY

Morning

- 👉 General description of the machine
- 👉 Details about the machine positioning and installation:
 - comprehension of the layout
 - machine positioning in the line
 - air and power supply
 - positioning of the flow check photocells and/or sensor
 - final user terminal board

Afternoon

- 👉 Machine operation
- 👉 Explanation of the MotorNet System®
 - operator interface and control devices
 - direct commands
 - operator page
 - how to start and stop production
 - phase search and phase recovery
 - reset of the main alarms

✦ 3rd DAY

Morning

- ✦ Description of the machine groups and details about the mechanical operation:
 - infeed conveyor
 - product separator
 - dividing bars
 - cardboard magazine and climb
 - conveyors
 - glue group
 - flap folder
 - former
 - pneumatic system

Afternoon

- ✦ Detailed description of the use and maintenance manual:
 - replacement of the wear and tear components
 - mechanical manual; ordinary maintenance and recommended spare parts
 - mechanical settings for the changeover



✦ 4th DAY

Morning

- ✦ Description of the machine groups and details about the electrical components:
 - infeed conveyor
 - product separator
 - dividing bars
 - cardboard magazine and climb
 - conveyors
 - glue group
 - flap folder
 - former
- ✦ Parameters modification and storage
- ✦ Changeover

Afternoon

- ✦ Description of the machine main parameters
- ✦ Description of the electrical components:
 - electrical panel
 - setting and replacement of the main electrical and electronic components
 - comprehension of the electrical diagram



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✦ TRAINING COURSES ON SMI STRETCH-BLOW MOLDERS

Duration: 4 days

Trainees: 4 people

Price: 4390 €

For each additional trainee (up to 6 people maximum): 260 €

Inclusive of: personal trainer, manuals, taxi from the airport to SMI and from SMI to the airport, board and lodging for 4 nights.

The price does not include: trainees' travelling expenses, translators, visa or special documentation required for the journey



1st DAY

Morning

- ✦ Visit to SMI S.p.A.
- ✦ Video introducing the company
- ✦ Machine general description:
 - main features
 - blowing process

Afternoon

- ✦ Visit to the blow molders plant
- ✦ Details about the machine positioning and installation:
 - comprehension of the layout
 - positioning of the machine in the line
 - supply of power, air and coolant
 - positioning of flow check photocells and/or sensors in the line
 - terminal board for the communication with the customer
- ✦ Explanation of the MotorNet System®



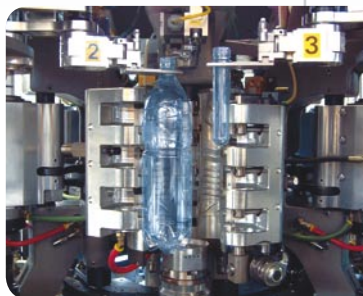
2nd DAY

Morning

- ✦ General description of the machine:
 - overturning loader
 - hopper
 - preforms lifting belt
 - unscrambler
 - loading chute
 - infeed stars - oven outlet star
 - oven
 - blowing wheel infeed grippers
 - blowing wheel
 - blowing wheel outlet grippers
 - bottles outlet star
 - machine cams
 - pneumatic and oleo-dynamic system
 - function of the photocells and of the sensors installed in the machine and in the line

Afternoon

- ✦ Machine operation
 - operator interface and control devices
 - direct commands
 - operator page
 - how to start and stop production
 - phase search and phase recovery
 - reset of the main alarms



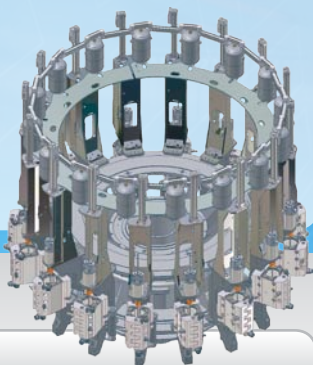
👉 3rd DAY

Morning

- 👉 Description of the machine groups and details about the mechanical operation:
 - overturning loader
 - hopper
 - preforms lifting belt
 - unscrambler
 - loading chute
 - infeed stars - oven outlet stars
 - oven
 - blowing wheel infeed grippers
 - blowing wheel
 - blowing wheel outlet grippers
 - bottles outlet stars
 - machine cams
 - machine safety devices

Afternoon

- 👉 Blowing cycle
- 👉 Description of the machine groups and detailed description of the electrical components:
 - electrical panel
 - electrical components outside the electrical panel
 - parameters modification and storage



👉 4th DAY

Morning

- 👉 Description of the machine main parameters



Afternoon

- 👉 Detailed description of the Use and Maintenance manual
- 👉 Description of the replacement of the wear and tear components
- 👉 Description of the mechanical manual, of the ordinary maintenance and of the recommended spare parts
- 👉 Mechanical settings for the changeover



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DP010267 - Updated to April 2008