# BOBST Training catalog

## Gravure printing presses




**PUBLIC**

Product training department
Bobst Italia San Giorgio - 2026/2027



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# BOBST Training Academy
## Focused on your efficiency

**If your machines are underutilized or running below their capabilities, it means you are not getting the maximum value from them.**

In today's global market, competitiveness, optimum quality and complete adaptability are constant requirements.



### BOBST expert training

At BOBST, we're not only committed to providing the most efficient and innovative machines available.

We're also committed to helping you achieve the maximum possible benefit from them.

Let BOBST maximize your equipment's productivity thanks to our expertise. As you develop your **knowledge, skills** and **experience,** you'll have a better understanding of your equipment and be able to use it to its full potential.

### Your competitiveness is driven by your employees

Our training programs provide courses from beginner to experienced level, and for different roles:

- **Machine operators**
- **Maintenance operators**
- **Machine managers**
- **Process engineers**

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# BOBST Training Academy
## Our competence Centers



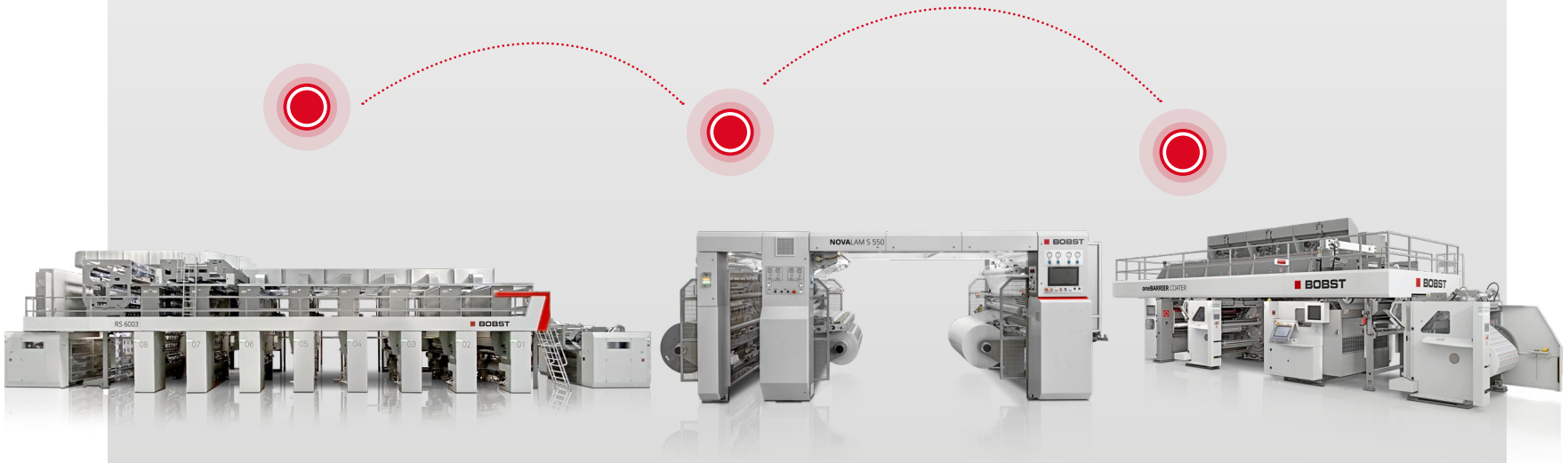
San Giorgio, Italy



Changzhou, China



Atlanta, United States



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# A range of different courses **A constantly growing training offering**

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BOBST offers a variety of **basic** and **advanced training courses** for all equipment. All our training courses are focused on achieving and maintaining your equipment productivity at its peak. They combine **theoretical and on-the-job training.**

## Different kinds of training solutions:

**CUSTOMER SITE**

**COMPETENCE CENTER**

**ONLINE CLASS**




### Tailor-made training courses

Our tailor-made courses are ideal when you need a course designed to meet your specific training requirements. We take the time to understand the improvements your business would like to see, so that our course works for you.

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# BOBST Training Academy
## Benefits for you and your business



### Investing in people has a far-reaching impact

- Better trained and **more motivated** personnel
- Improved **knowledge** allows for equipment to perform at its peak
- **Fewer errors**
- Faster **problem elimination**
- **Increased productivity**
- Machine **failure prevention**
- **Downtime reduction**
- Process technology **skills**

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# **Investing in training** reduces the excessive waste that results from errors or missing knowledge



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# Training offer summary



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# San Giorgio customer training overview

| TECHNOLOGY | BASIC | ADVANCED |
|---|---|---|
| **GRAVURE** | Gravure printing for MACHINE OPERATORS<br>Extended color gamut : oneECG OPERATOR TRAINING<br>Electrical MAINTENANCE<br>Mechanical MAINTENANCE<br>Gravure printing PROCESS (Online)<br>Human-Machine Interface panel (Online)<br>BOBST Registron® (Online) | BOBST Registron® |
| **LAMINATING** | Laminating for MACHINE OPERATORS<br>Electrical MAINTENANCE<br>Mechanical MAINTENANCE<br>Laminating PROCESS (Online)<br>Human-Machine Interface panel (Online)<br>Adhesives for lamination (Online)<br>Laminating TECHNOLOGY (Online)<br>Laminating TROUBLESHOOTING (Online) | Gravure laminating<br>Flexo laminating<br>Semi-flexo laminating<br>Solventless laminating<br>Cold seal gravure application<br>Lamination process, technology, materials and troubleshooting |
| **COATING** | Coating for MACHINE OPERATORS<br>Electrical MAINTENANCE<br>Mechanical MAINTENANCE<br>Human-Machine Interface panel (Online) | Gravure coating<br>Flexo coating<br>Semi-flexo coating |

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# Training for gravure machines - Summary

| CODE | MODULE | LEVEL | PLACE | DURATION (HRS) | PAGE |
|---|---|---|---|---|---|
| S-8163 | Gravure printing machine operators | Basic | Customer site | 40 | 15 |
| S-8209 | Gravure printing machine operators | Basic | BOBST Competence Center | 40 | 16 |
| S-8162 | Electrical maintenance | Basic | Customer site | 32 | 17 |
| S-8208 | Electrical maintenance | Basic | BOBST Competence Center | 32 | 18 |
| S-8160 | Mechanical maintenance on gravure machines | Basic | Customer site | 24 | 19 |
| S-8206 | Mechanical maintenance on gravure machines | Advanced | BOBST Competence Center | 24 | 20 |
| S-8153 | Class on gravure printing process | Basic | Customer site | 16 | 21 |
| S-8193 | Class on gravure printing process | Basic | BOBST Competence Center | 16 | 22 |
| S-8159 | Extended Color Gamut : oneECG operators training | Basic | Customer site | 24 | 23 |
| S-8205 | Extended Color Gamut : oneECG operators training | Basic | BOBST Competence Center | 24 | 24 |
| S-8169 | Gravure Printing Process - module 1 of 4 | Basic | Online | 2 | 25 |
| S-8170 | Gravure Printing Process - module 2 of 4 | Basic | Online | 1 | 26 |
| S-8171 | Gravure Printing Process - module 3 of 4 | Basic | Online | 2 | 27 |
| S-8172 | Gravure Printing Process - module 4 of 4 | Basic | Online | 2 | 28 |
| S-8173 | Human-Machine Interface panel | Basic | Online | 1 | 29 |
| S-8174 | BOBST Registron® S6100 HDI | Basic | Online | 1,5 | 30 |
| S-8175 | BOBST Registron® S6100 D | Basic | Online | 1,5 | 31 |
| S-8200 | BOBST Registron® | Advanced | Customer site | 16 | 32 |
| S-8158 | BOBST Registron® S6100 D | Advanced | BOBST Competence Center | 16 | 33 |

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# Training for gravure machines - Summary

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|---|---|---|---|---|---|
| **S-9109** | BOBST Registron® S5100-S6100 HDI | Expert | Customer site | 32 | 34 |
| **S-9110** | BOBST Registron® S6100 HD | Expert | Customer site | 32 | 35 |

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# Training for laminating machines - Summary

| CODE | MODULE | LEVEL | PLACE | DURATION (HRS) | PAGE |
|---|---|---|---|---|---|
| S-8164 | Laminating machine operators | Basic | Customer site | 40 | 37 |
| S-8212 | Laminating machine operators | Basic | BOBST Competence Center | 40 | 38 |
| S-8162 | Electrical maintenance | Basic | Customer site | 32 | 39 |
| S-8208 | Electrical maintenance | Basic | BOBST Competence Center | 32 | 40 |
| S-8161 | Mechanical maintenance on laminating machines | Basic | Customer site | 24 | 41 |
| S-8206 | Mechanical maintenance on laminating machines | Basic | BOBST Competence Center | 24 | 42 |
| S-8151 | Laminating for SX 550 machine operators | Basic | Customer site | 16 | 43 |
| S-8191 | Laminating for SX 550 machine operators | Basic | BOBST Competence Center | 16 | 44 |
| S-8154 | Gravure laminating / gravure coating for machine operators | Advanced | Customer site | 16 | 45 |
| S-8194 | Gravure laminating / gravure coating for machine operators | Advanced | BOBST Competence Center | 16 | 46 |
| S-9105 | Gravure laminating / gravure coating for machine operators | Advanced | Streaming live session | 4 | 47 |
| S-8155 | Flexo laminating / coating for machine operators | Advanced | Customer site | 16 | 48 |
| S-8195 | Flexo laminating for machine operators | Advanced | BOBST Customer Center | 16 | 49 |
| S-9107 | Flexo laminating for machine operators | Advanced | Streaming live session | 4 | 50 |
| S-8198 | Semi-flexo laminating / coating for machine operators | Advanced | Customer site | 16 | 51 |
| S-8156 | Solventless laminating machine operators | Advanced | Customer site | 16 | 52 |
| S-8196 | Solventless laminating machine operators | Advanced | BOBST Customer Center | 16 | 53 |
| S-9106 | Solventless laminating machine operators | Advanced | Streaming live session | 4 | 54 |

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# Training for laminating machines - Summary

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|---|---|---|---|---|---|
| S-8157 | Cold seal gravure application machine operators | Advanced | Customer site | 16 | 55 |
| S-8197 | Cold seal gravure application machine operators | Advanced | BOBST Competence Center | 16 | 56 |
| S-9108 | Cold seal gravure application machine operators | Advanced | Streaming live session | 4 | 57 |
| S-8152 | Class on lamination process, technology, materials and troubleshooting | Advanced | Customer site | 16 | 58 |
| S-8192 | Class on lamination process, technology, materials and troubleshooting | Advanced | BOBST Competence Center | 16 | 59 |
| S-8165 | Lamination process | Basic | Online | 2 | 60 |
| S-8166 | Lamination technology | Basic | Online | 2 | 61 |
| S-8167 | Adhesives for lamination | Basic | Online | 2 | 62 |
| S-8168 | Lamination troubleshooting | Basic | Online | 2 | 63 |
| S-8173 | Human-Machine Interface panel | Basic | Online | 1 | 64 |

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# Training for coating machines - Summary

| CODE | MODULE | LEVEL | PLACE | DURATION (HRS) | PAGE |
|---|---|---|---|---|---|
| **S-8164** | Coating machine operators | Basic | Customer site | 40 | 66 |
| **S-8162** | Electrical maintenance | Basic | Customer site | 32 | 67 |
| **S-8161** | Mechanical maintenance on coating machines | Basic | Customer site | 24 | 68 |
| **S-8154** | Gravure laminating / coating for machine operators | Advanced | Customer site | 16 | 69 |
| **S-8155** | Flexo laminating / coating for machine operators | Advanced | Customer site | 16 | 70 |
| **S-8198** | Semi-flexo laminating / coating for machine operators | Advanced | Customer site | 16 | 71 |
| **S-8173** | Human-Machine Interface panel | Basic | Online | 1 | 72 |

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# Training for gravure machines




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# Gravure printing machine operators

Maximum participation: 7 persons

This training will fully explain how to manage a gravure machine and its key modules. As we guide participants through the typical problems related to the gravure printing process, they'll learn how to troubleshoot them. As a result, this course helps them to take advantage of their machine's **full capacity, enhancing printing quality and increasing productivity.**

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## ORGANISATION

| | |
|---|---|
| **Duration** | • 5 days (40 hours) |
| **Place** | • At customer site<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses |
| **Excluded** | • Hours and travel expenses<br>• Local transport |

## COURSE CONTENT

- Safety on the machine
- Machine description and machine parameters
- Using the operator panel
- Web guidance
- Printing parameters
- Ventilation
- Register control
- Preparation of the machine for the first job
- Job change
- Cleaning procedure
- Auxiliary equipment

## AVAILABLE FOR

– Gravures RS, MW, MASTER, NOVA

## LANGUAGES

– English
– Italian
– Chinese (only for Chinese customers)
– Other language required (interpreter cost not included)

## SUITABLE FOR

– Machine Operators
– Machine Managers
– Process Engineers

# Gravure printing machine operators

Maximum participation: 7 persons

This training will fully explain how to manage a gravure machine and its key modules. As we guide participants through the typical problems related to the gravure printing process, they'll learn how to troubleshoot them. As a result, this course helps them to take advantage of their machine's **full capacity, enhancing printing quality and increasing productivity.**

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| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 5 days (40 hours) | • Safety on the machine<br>• Machine description and machine parameters<br>• Using the operator panel<br>• Web guidance<br>• Printing parameters<br>• Ventilation<br>• Register control<br>• Preparation of the machine for the first job<br>• Job change<br>• Cleaning procedure<br>• Auxiliary equipment |
| **Place** | • BOBST Competence Center - San Giorgio, Italy<br>• In classroom and on the machine | |
| **Included services** | • Documentation<br>• Hours of training | |
| **Excluded** | • Travel expenses<br>• Hotel<br>• Daily expenses<br>• Local transport | |

**AVAILABLE FOR**

– Gravures RS, MW

**LANGUAGES**

– English
– Italian
– Chinese (only at BCL Competence Center)
– Other language required (interpreter cost not included)

**SUITABLE FOR**

– Machine Operators
– Machine Managers
– Process Engineers

# Electrical maintenance

Maximum participation: 7 persons

Regular, accurate and professional maintenance is vital for your machine to work reliably and profitably for many years. Our electrical maintenance course qualifies your specialists to keep your machine in perfect condition throughout its entire lifecycle, increasing **machine availability, enhancing production quality and extending your equipment's lifespan.**

| ORGANISATION | |
|---|---|
| **Duration** | • 4 days (32 hours) |
| **Place** | • At customer site<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses |
| **Excluded** | • Hours and travel expenses<br>• Local transport |

**COURSE CONTENT**

- Safety on the machine
- Safety instruction and identification of lockable points
- Network structure
- Motor drive systems
- Diagnostic
- Multiprocessor PLC structure
- HMI operator panel
- Machine calibrations

**AVAILABLE FOR**

- Laminators CL, SL
- Gravures RS, MW, MASTER, NOVA
- Coaters CO

**LANGUAGES**

- English
- Italian
- Chinese (only for Chinese customers)
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Electrical maintenance team
- Maintenance managers

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# Electrical maintenance

Maximum participation: 7 persons

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## ORGANISATION

| | |
|---|---|
| **Duration** | • 4 days (32 hours) |
| **Place** | • BOBST Competence Center - San Giorgio, Italy<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training |
| **Excluded** | • Travel expenses<br>• Hotel<br>• Daily expenses<br>• Local transport |

## COURSE CONTENT

- Safety on the machine
- Safety instruction and identification of lockable points
- Network structure
- Motor drive systems
- Diagnostic
- Multiprocessor PLC structure
- HMI operator panel
- Machine calibrations

## LANGUAGES

- English
- Italian
- Chinese (only at BCL Competence Center)
- Other language required (interpreter cost not included)

## SUITABLE FOR

- Electrical maintenance team
- Maintenance managers

# Mechanical maintenance on gravure machines

Maximum participation: 7 persons

Regular, accurate and professional maintenance is vital for your machine to work reliably and profitably for many years. Our electrical maintenance course qualifies your specialists to keep your machine in perfect condition throughout its entire lifecycle, increasing **machine availability, enhancing production quality and extending your equipment's lifespan.**

| ORGANISATION | |
|---|---|
| **Duration** | • 3 days (24 hours) |
| **Place** | • At customer site<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses |
| **Excluded** | • Hours and travel expenses<br>• Local transport |

**COURSE CONTENT**

- Safety on the machine
- Machine and auxiliary equipment description
- Printing unit - scheduled maintenance
- Unwinder and rewinder - scheduled maintenance
- Auxiliary equipment - scheduled maintenance
- Pneumatic circuit description
- Cooling rollers
- Hoods and ventilation system - parameters and cleaning
- Ordinary and extraordinary maintenance worksheets

**AVAILABLE FOR**

– Gravures RS, MW, MASTER, NOVA

**LANGUAGES**

– English
– Italian
– Chinese (only for Chinese customers)
– Other language required (interpreter cost not included)

**SUITABLE FOR**

– Mechanical maintenance team
– Maintenance managers

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# Mechanical maintenance on gravure machines

Maximum participation: 7 persons

Regular, accurate and professional maintenance is vital for your machine to work reliably and profitably for many years. Our electrical maintenance course qualifies your specialists to keep your machine in perfect condition throughout its entire lifecycle, increasing **machine availability, enhancing production quality and extending your equipment's lifespan.**

## ORGANISATION

| | |
|---|---|
| **Duration** | • 3 days (24 hours) |
| **Place** | • BOBST Competence Center - San Giorgio, Italy<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training |
| **Excluded** | • Travel expenses<br>• Hotel<br>• Daily expenses<br>• Local transport |

## COURSE CONTENT

- Safety on the machine
- Machine and auxiliary equipment description
- Printing unit - scheduled maintenance
- Unwinder and rewinder - scheduled maintenance
- Auxiliary equipment - scheduled maintenance
- Pneumatic circuit description
- Cooling rollers
- Hoods and ventilation system - parameters and cleaning
- Ordinary and extraordinary maintenance worksheets

## LANGUAGES

- English
- Italian
- Chinese (only at BCL Competence Center)
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## SUITABLE FOR

- Mechanical maintenance team
- Maintenance managers

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# Class on the gravure printing process

Maximum participation: 7 persons

This course offers **Basic training** on the gravure printing process, including theory and key notions. It covers the principles of the process through to the strengths of gravure technology. In the class, our qualified trainers will explain machine settings, operation and register control. This training will improve participants' **process technology skills,** providing autonomy with process **problem resolution** and improving knowledge around **product quality.**

## ORGANISATION

| | |
|---|---|
| **Duration** | • 2 days (16 hours) |
| **Place** | • At customer site<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses |
| **Excluded** | • Hours and travel expenses<br>• Local transport |

## COURSE CONTENT

- Why gravure printing technology is used
- Technology benefits and strengths
- Substrate materials
- Most common packaging applications
- Differences between Roto – Flexo – Offset technologies
- Machine layout and units
- Safety and symbols on the press
- Rotogravure printing basic operations, production tracking
- Register control concepts
- Quality controls concepts
- Troubleshooting common problems

## LANGUAGES

- English
- Italian
- Chinese (only for Chinese customers)
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## SUITABLE FOR

- Machine Operators
- Machine Managers
- Process Engineers

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# Class on the gravure printing process

Maximum participation: 7 persons

This course offers **Basic training** on the gravure printing process, including theory and key notions. It covers the principles of the process through to the strengths of gravure technology. In the class, our qualified trainers will explain machine settings, operation and register control. This training will improve participants' **process technology skills,** providing autonomy with process **problem resolution** and improving knowledge around **product quality.**

## ORGANISATION

| | |
|---|---|
| **Duration** | • 2 days (16 hours) |
| **Place** | • BOBST Competence Center - San Giorgio, Italy<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training |
| **Excluded** | • Travel expenses<br>• Hotel<br>• Daily expenses<br>• Local transport |

## COURSE CONTENT

- Why gravure printing technology is used
- Technology benefits and strengths
- Substrate materials
- Most common packaging applications
- Differences between Roto – Flexo – Offset technologies
- Machine layout and units
- Safety and symbols on the press
- Rotogravure printing basic operations, production tracking
- Register control concepts
- Quality controls concepts
- Troubleshooting common problems

## LANGUAGES

- English
- Italian
- Chinese (only at BCL Competence Center)
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## SUITABLE FOR

- Machine Operators
- Machine Managers
- Process Engineers

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# Extended color gamut: oneECG operators

Maximum participation: 10 persons

This course is for machine operators dealing with extended color gamut printing in gravure who need to understand the key concepts and advantages of ECG, along with the steps, processes, instruments and software necessary for a successful implementation. Covering topics from the fundamentals of ECG printing to **required machine performance,** this course allows attendees to get hands-on with the **ECG process workflow** and to understand the changes with the standard working approach, while engaging with BOBST ECG experts around this innovative and **beneficial technology.**

| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 3 days (24 hours) | • Extended color gamut features<br>• Color space considerations<br>• Fundamentals of extended color gamut<br>• What do you need to know:<br>– Workflow<br>– Control instruments<br>• What do you need to have:<br>– Test fingerprint engravings<br>– Index colors<br>– Required register performance<br>– Standard and ECG |
| **Place** | • At customer site<br>• In classroom and on the machine | |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses | |
| **Excluded** | • Hours and travel expenses<br>• Local transport | |

**PREREQUISITE**
– NDA (non-disclosure agreement) with BOBST

**LANGUAGES**
– English
– Italian
– Other language required (interpreter cost not included)

**SUITABLE FOR**
– Machine Operators
– Machine Managers
– Process Engineers

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# Extended color gamut: oneECG operators

Maximum participation: 7 persons

This course is for machine operators dealing with extended color gamut printing in gravure who need to understand the key concepts and advantages of ECG, along with the steps, processes, instruments and software necessary for a successful implementation. Covering topics from the fundamentals of ECG printing to **required machine performance,** this course allows attendees to get hands-on with the **ECG process workflow** and to understand the changes with the standard working approach, while engaging with BOBST ECG experts around this innovative and **beneficial technology.**

| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 3 days (24 hours) | • Extended color gamut features<br>• Color space considerations<br>• Fundamentals of extended color gamut<br>• What do you need to know:<br>– Workflow<br>– Control instruments<br>• What do you need to have:<br>– Test fingerprint engravings<br>– Index colors<br>– Required register performance<br>– Standard and ECG |
| **Place** | • BOBST Competence Center - San Giorgio, Italy<br>• In classroom | |
| **Included services** | • Documentation<br>• Hours of training | |
| **Excluded** | • Travel expenses<br>• Hotel<br>• Daily expenses<br>• Local transport | |

**PREREQUISITE**
– NDA (non-disclosure agreement) with BOBST

**LANGUAGES**
– English
– Italian
– Other language required (interpreter cost not included)

**SUITABLE FOR**
– Machine Operators
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# Gravure printing process – module 1 of 4

Maximum participation: 15 persons

Module 1 of this online class on the gravure printing process focuses on exploring key notions and fundamental principles of the **gravure printing process.** Starting from an introduction to process principles, through to a focus on the strengths of gravure technology, this module examines the different printing technologies and gravure machine layout.

During the course, a BOBST instructor is available to answer your questions by chat.

| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 2 hours | • Why gravure printing technology is used<br>• Technology benefits and strengths<br>• Substrate materials<br>• Most common packaging applications<br>• Differences between Roto – Flexo – Offset technologies<br>• Machine layout and units |
| **Place** | • Online by Microsoft TEAMS | |
| **Included services** | • Documentation<br>• Hours of training | |

**LANGUAGES**

- English
- Italian
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
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- Process Engineers

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# Gravure printing process – module 2 of 4

Maximum participation: 15 persons

Module 2 of this online class on the gravure printing process is focused on **job management** on a gravure printing press, paying attention to safety and symbols on the machine.

During the course, a BOBST instructor is available to answer your questions by chat.

| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 1 hour | • Safety and symbols on the press<br>• Rotogravure printing basic operations, production tracking<br>• Setting job parameters |
| **Place** | • Online by Microsoft TEAMS | |
| **Included services** | • Documentation<br>• Hours of training | |

**LANGUAGES**

- English
- Italian
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers
- Process Engineers

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# Gravure printing process – module 3 of 4

Maximum participation: 15 persons

Module 3 of this online class on the gravure printing process is focused on the printing **register control.** This session accurately explains operating principles, mark layout and readings of the register control on gravure machines.

During the course, a BOBST instructor is available to answer your questions by chat.

| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 2 hours | • What is the register control for?<br>• Register control operation<br>• Register marks reading operating principle<br>• Evolution of the register control systems<br>• Register control mark layout<br>• Code and block mark |
| **Place** | • Online by Microsoft TEAMS | |
| **Included services** | • Documentation<br>• Hours of training | |

**LANGUAGES**

- English
- Italian
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers
- Process Engineers

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# Gravure printing process – module 4 of 4

Maximum participation: 15 persons

Module 4 of this online class on the gravure printing process is focused on printing **quality controls.** This session describes machine operator quality controls on the reel during and at the end of the printing process.

During the course, a BOBST instructor is available to answer your questions by chat.

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| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 2 hours | • Color correction<br>• Printing controls during the production<br>• Solvent retention<br>• End of the reel printing quality control<br>• Basic troubleshooting guide |
| **Place** | • Online by Microsoft TEAMS | |
| **Included services** | • Documentation<br>• Hours of training | |

**LANGUAGES**

- English
- Italian
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers
- Process Engineers

# Human-Machine Interface panel

Maximum participation: 15 persons

This online session on the Human-Machine Interface (HMI) focuses on simply and clearly showing browsing, using and setting from the operator panel.

During the course, a BOBST instructor is available to answer your questions by chat.

| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 1 hour | • Pages browsing<br>• Configuration pages<br>• Synoptic page<br>• Recipe management<br>• Alarm management<br>• Job management<br>• Trend visualization |
| **Place** | • Online by Microsoft TEAMS | |
| **Included services** | • Documentation<br>• Hours of training | |

**LANGUAGES**

- English
- Italian
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers

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# BOBST Registron® S6100 HDI

Maximum participation: 15 persons

This online session on the BOBST Registron® S6100 HDI covers key concepts, operation and use on a gravure machine.

During the course, a BOBST instructor is available to answer your questions by chat.

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| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 1,5 hours | • Theory of the register control<br>• Register marks<br>• Mark layout<br>• Special codes<br>• Reading system<br>• Adjustment modes<br>• Use of the Registron® system panel (MSS) |
| **Place** | • Online by Microsoft TEAMS | |
| **Included services** | • Documentation<br>• Hours of training | |

**LANGUAGES**

- English
- Italian
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers

# BOBST Registron® S6100 D

Maximum participation: 15 persons

This online session on the BOBST Registron® S6100 D covers key concepts, operation and use on a gravure machine.

During the course, a BOBST instructor is available to answer your questions by chat.

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| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 1,5 hours | • Theory of the register control<br>• Register marks<br>• Mark layout<br>• Special codes<br>• Reading system<br>• Adjustment modes<br>• Use of the Registron® system panel (MSS) |
| **Place** | • Online by Microsoft TEAMS | |
| **Included services** | • Documentation<br>• Hours of training | |

**LANGUAGES**

- English
- Italian
- Chinese (only for Chinese customers)
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers

# BOBST Registron®

Maximum participation: 7 persons

This **advanced training** will explain in depth how to manage the BOBST register control on gravure machines. Participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

## ORGANISATION

| | |
|---|---|
| **Duration** | • 2 days (16 hours) |
| **Place** | • At customer site<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses |
| **Excluded** | • Hours and travel expenses<br>• Local transport |

## COURSE CONTENT

- Register control theory
- Overview of the register control installed on the machine
- Printing with the register control
- Error registration report
- Error evaluation and resolution

### AVAILABLE FOR

– Gravures machines equipped with register control: S6100D; S6100HDI; S5100

### LANGUAGES

– English
– Italian
– Other language required (interpreter cost not included)

### SUITABLE FOR

– Machine Operators
– Machine Managers
– Process Engineers

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# BOBST Registron® S6100

Maximum participation: 7 persons

This **advanced training** will explain in depth how to manage the BOBST register control on gravure machines. Participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

| ORGANISATION | |
|---|---|
| **Duration** | • 2 days (16 hours) |
| **Place** | • BOBST Competence Center - San Giorgio, Italy<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training |
| **Excluded** | • Travel expenses<br>• Hotel<br>• Daily expenses<br>• Local transport |

**COURSE CONTENT**

- Register control theory
- Overview of the register control installed on the machine
- Printing with the register control
- Error registration report
- Error evaluation and resolution

**LANGUAGES**

- English
- Italian
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers

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# BOBST Registron® S-5100-S6100 HDI

Maximum participation: 8 persons

This **expert training** is dedicated to explain in-depth how to manage the BOBST register control In the real working environment. Options and specific jobs can be produced during the training period. The participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product.

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> Training for coating machines

## ORGANISATION

| | |
|---|---|
| **Duration** | • 4 days (32 hours)<br>(3 days operators +1 day maintenance) |
| **Place** | • At customer site by BSA-REG TSS<br>(Limited production 1h/day)<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses |
| **Excluded** | • Hours and travel expenses<br>• Local transport |

## COURSE CONTENT

- Introduction
- Register theory
- Overall
- Components
- Marks & exercises
- Operations
- Special units & functions

### AVAILABLE FOR

– Gravures machines equipped with register control: S6100HDI; S5100

### LANGUAGES

– English
– Italian
– Spanish
– French
– Other language required (interpreter cost not included)

### SUITABLE FOR

– Machine Operators
– Machine Managers
– Maintenance team

# BOBST Registron® S-6100 D

Maximum participation: 8 persons

This **expert training** is dedicated to explain in-depth how to manage the BOBST register control In the real working environment. Options and specific jobs can be produced during the training period. The participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product.

**Training Catalog**

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## ORGANISATION

| | |
|---|---|
| **Duration** | • 4 days (32 hours)<br>(3 days operators +1 day maintenance) |
| **Place** | • At customer site by BSA-REG TSS<br>(Limited production 1h/day)<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses |
| **Excluded** | • Hours and travel expenses<br>• Local transport |

## COURSE CONTENT

- Introduction
- Register theory
- Overall
- Components
- Marks & exercises
- Operations
- Special units & functions

### AVAILABLE FOR

– Gravures machines equipped with register control: S6100 D

### LANGUAGES

– English
– Italian
– Spanish
– French
– Other language required (interpreter cost not included)

### SUITABLE FOR

– Machine Operators
– Machine Managers
– Maintenance team

# Training for laminating machines



# Laminating machine operators

Maximum participation: 7 persons

This training fully explains how to manage a laminating machine and its key modules. As they are guided through the typical problems related to the laminating process, participants learn how to troubleshoot them. This course enables participants to take advantage of their **machine's full capacity, enhancing coating quality and increasing machine productivity.**

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> Training for coating machines

| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 5 days (40 hours) | • Safety on the machine<br>• Machine description and machine parameters<br>• Using the operator panel<br>• Web guidance<br>• Drying tunnel<br>• Commands and controls<br>• Laminating with rotogravure technology (where available) – basic module<br>• Laminating with solventless technology (where available) – basic module<br>• Cleaning procedure |
| **Place** | • At customer site<br>• In classroom | |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses | |
| **Excluded** | • Hours and travel expenses<br>• Local transport | |

**AVAILABLE FOR**
– Laminators CL, SL

**LANGUAGES**
– English
– Italian
– Chinese (only for Chinese customers)
– Other language required (interpreter cost not included)

**SUITABLE FOR**
– Machine Operators
– Machine Managers
– Process Engineers

# Laminating machine operators

Maximum participation: 7 persons

This training fully explains how to manage a laminating machine and its key modules. As they are guided through the typical problems related to the laminating process, participants learn how to troubleshoot them. This course enables participants to take advantage of their **machine's full capacity, enhancing coating quality and increasing machine productivity.**

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## ORGANISATION

| | |
|---|---|
| **Duration** | • 5 days (40 hours) |
| **Place** | • BOBST Competence Center - San Giorgio, Italy<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training |
| **Excluded** | • Travel expenses<br>• Hotel<br>• Daily expenses<br>• Local transport |

## COURSE CONTENT

- Safety on the machine
- Machine description and machine parameters
- Using the operator panel
- Web guidance
- Drying tunnel
- Commands and controls
- Laminating with rotogravure technology (where available) – basic module
- Laminating with solventless technology (where available) – basic module
- Cleaning procedure

## LANGUAGES

- English
- Italian
- Chinese (only at BCL Competence Center)
- Other language required (interpreter cost not included)

## SUITABLE FOR

- Machine Operators
- Machine Managers
- Process Engineers

# Electrical maintenance

Maximum participation: 7 persons

Regular, accurate and professional maintenance is vital for your machine to work reliably and profitably for many years. Our electrical maintenance course qualifies your specialists to keep your machine in perfect condition throughout its entire lifecycle, increasing **machine availability, enhancing production quality and extending your equipment's lifespan.**

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| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 4 days (32 hours) | • Safety on the machine<br>• Safety instruction and identification of lockable points<br>• Network structure<br>• Motor drive systems<br>• Diagnostic<br>• Multiprocessor PLC structure<br>• HMI operator panel<br>• Machine calibrations |
| **Place** | • At customer site<br>• In classroom | |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses | |
| **Excluded** | • Hours and travel expenses<br>• Local transport | |

**AVAILABLE FOR**

- Laminators CL, SL
- Gravures RS, MW
- Coaters CO

**LANGUAGES**

- English
- Italian
- Chinese (only for Chinese customers)
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Electrical maintenance team
- Maintenance managers

# Electrical maintenance

Maximum participation: 7 persons

Regular, accurate and professional maintenance is vital for your machine to work reliably and profitably for many years. Our electrical maintenance course qualifies your specialists to keep your machine in perfect condition throughout its entire lifecycle, increasing **machine availability, enhancing production quality and extending your equipment's lifespan.**

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## ORGANISATION

| | |
|---|---|
| **Duration** | • 4 days (32 hours) |
| **Place** | • BOBST Competence Center - San Giorgio, Italy<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training |
| **Excluded** | • Travel expenses<br>• Hotel<br>• Daily expenses<br>• Local transport |

## COURSE CONTENT

- Safety on the machine
- Safety instruction and identification of lockable points
- Network structure
- Motor drive systems
- Diagnostic
- Multiprocessor PLC structure
- HMI operator panel
- Machine calibrations

## LANGUAGES

- English
- Italian
- Chinese (only at BCL Competence Center)
- Other language required (interpreter cost not included)

## SUITABLE FOR

- Electrical maintenance team
- Maintenance managers

# Mechanical maintenance on laminating machines

Maximum participation: 7 persons

Regular, accurate and professional maintenance is vital for your machine to work reliably and profitably for many years. Our mechanical maintenance course qualifies your specialists to keep your machine in perfect condition throughout its entire lifecycle, increasing **machine availability, enhancing production quality and extending your equipment's lifespan.**

| ORGANISATION | |
|---|---|
| **Duration** | • 3 days (24 hours) |
| **Place** | • At customer site<br>• In classroom |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses |
| **Excluded** | • Hours and travel expenses<br>• Local transport |

**COURSE CONTENT**

- Safety on the machine
- Description of the machine and auxiliary equipment
- Coating unit - scheduled maintenance
- Unwinder and rewinder - scheduled maintenance
- Auxiliary equipment - scheduled maintenance
- Pneumatic circuit description
- Cooling and heating rollers
- Tunnel and ventilation system - parameters and cleaning
- Ordinary and extraordinary maintenance worksheets

**AVAILABLE FOR**

– Laminators CL, SL

**LANGUAGES**

– English
– Italian
– Chinese (only for Chinese customers)
– Other language required (interpreter cost not included)

**SUITABLE FOR**

– Mechanical maintenance team
– Maintenance managers

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# Mechanical maintenance on laminating machines

Maximum participation: 7 persons

Regular, accurate and professional maintenance is vital for your machine to work reliably and profitably for many years. Our mechanical maintenance course qualifies your specialists to keep your machine in perfect condition throughout its entire lifecycle, increasing **machine availability, enhancing production quality and extending your equipment's lifespan.**

| ORGANISATION | |
|---|---|
| **Duration** | • 3 days (24 hours) |
| **Place** | • BOBST Competence Center - San Giorgio, Italy<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training |
| **Excluded** | • Travel expenses<br>• Hotel<br>• Daily expenses<br>• Local transport |

**COURSE CONTENT**

- Safety on the machine
- Description of the machine and auxiliary equipment
- Coating unit - scheduled maintenance
- Unwinder and rewinder - scheduled maintenance
- Auxiliary equipment - scheduled maintenance
- Pneumatic circuit description
- Cooling and heating rollers
- Tunnel and ventilation system - parameters and cleaning
- Ordinary and extraordinary maintenance worksheets

**LANGUAGES**

- English
- Italian
- Chinese (only at BCL Competence Center)
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Mechanical maintenance team
- Maintenance managers

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# Laminating for SX 550 machine operators

Maximum participation: 7 persons

This training fully explains how to manage a laminating machine and its key modules. As they are guided through the typical problems related to the laminating process, participants will learn how to troubleshoot them. This course enables participants to maximize **SX 550's full capacity, enhancing coating quality and increasing machine productivity.**

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## ORGANISATION

| | |
|---|---|
| **Duration** | • 2 days (16 hours) |
| **Place** | • At customer site<br>• In classroom |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses |
| **Excluded** | • Hours and travel expenses<br>• Local transport |

## COURSE CONTENT

- Safety on the machine
- Description of the machine and auxiliary equipment
- Operator panel description and function
- Web guidance
- Commands and controls
- Laminating with solventless technology
- Cleaning procedure
- Solventless mixer operation

### AVAILABLE FOR

– SX 550

### LANGUAGES

– English
– Italian
– Chinese (only for Chinese customers)
– Other language required (interpreter cost not included)

### SUITABLE FOR

– Machine Operators
– Machine Managers
– Process Engineers

# Laminating for SX 550 machine operators

Maximum participation: 7 persons

This training fully explains how to manage a laminating machine and its key modules. As they are guided through the typical problems related to the laminating process, participants will learn how to troubleshoot them. This course enables participants to maximize **SX 550's full capacity, enhancing coating quality and increasing machine productivity.**

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## ORGANISATION

| | |
|---|---|
| **Duration** | • 2 days (16 hours) |
| **Place** | • BOBST Competence Center - San Giorgio, Italy<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training |
| **Excluded** | • Travel expenses<br>• Hotel<br>• Daily expenses<br>• Local transport |

## COURSE CONTENT

- Safety on the machine
- Description of the machine and auxiliary equipment
- Operator panel description and function
- Web guidance
- Commands and controls
- Laminating with solventless technology
- Cleaning procedure
- Solventless mixer operation

## LANGUAGES

- English
- Italian
- Other language required (interpreter cost not included)

## SUITABLE FOR



- Machine Operators
- Machine Managers
- Process Engineers

# Gravure laminating / coating for machine operators

Maximum participation: 7 persons

This **advanced training** explains in depth how to manage the rotogravure technology of BOBST laminating machines. Participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

| ORGANISATION | |
|---|---|
| **Duration** | • 2 days (16 hours) |
| **Place** | • At customer site<br>• In classroom |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses |
| **Excluded** | • Hours and travel expenses<br>• Local transport |

**COURSE CONTENT**

- Safety on the machine
- Basic concepts of rotogravure laminating / coating
- Preparation of the rotogravure laminating / coating trolley
- Rotogravure application on the machine
- Rotogravure coating and laminating tests
- Samples evaluation and defect resolution
- Cleaning procedures

**AVAILABLE FOR**

– Laminators and coaters CL, D, CO with flexo trolley

**LANGUAGES**

– English
– Italian
– Chinese (only for Chinese
– customers)
– Other language required (interpreter cost not included)

**SUITABLE FOR**

– Machine Operators
– Machine Managers
– Process Engineers

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# Gravure laminating / coating for machine operators

Maximum participation: 7 persons

This **advanced training** explains in depth how to manage the rotogravure technology of BOBST laminating machines. Participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

| ORGANISATION | |
|---|---|
| **Duration** | • 2 days (16 hours) |
| **Place** | • BOBST Competence Center - San Giorgio, Italy<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training |
| **Excluded** | • Travel expenses<br>• Hotel<br>• Daily expenses<br>• Local transport |

**COURSE CONTENT**

- Safety on the machine
- Basic concepts of rotogravure laminating / coating
- Preparation of the rotogravure laminating / coating trolley
- Rotogravure application on the machine
- Rotogravure coating and laminating tests
- Samples evaluation and defect resolution
- Cleaning procedures

**LANGUAGES**

- English
- Italian
- Chinese (only at BCL Competence Center)
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers
- Process Engineers

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# Gravure laminating / coating for machine operators

Maximum participation: 7 persons

This **advanced training** explains in depth how to manage the rotogravure technology of BOBST laminating machines. Participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

| ORGANISATION | |
|---|---|
| **Duration** | • 4 hours |
| **Place** | •Streaming live session |
| **Included services** | • Documentation (upon NDA signature)<br>• Hours of training |
| **Excluded** | • Final assessment test<br>• Knowledge certification |

**COURSE CONTENT**

- Safety on the machine
- Basic concepts of rotogravure laminating / coating
- Preparation of the rotogravure laminating / coating trolley
- Rotogravure application on the machine
- Rotogravure coating and laminating tests
- Samples evaluation and defect resolution
- Cleaning procedures

**LANGUAGES**

- English
- Italian
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers
- Process Engineers

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# Flexo laminating / coating for machine operators

Maximum participation: 7 persons

This **advanced training** explains in depth how to manage the flexo technology of BOBST laminating machines. Participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 2 days (16 hours) | • Safety on the machine<br>• Basic concepts of flexo laminating / coating<br>• Preparation of the flexo laminating / coating trolley<br>• Flexo application on the machine<br>• Flexo coating and laminating tests<br>• Samples evaluation and defect resolution<br>• Cleaning procedures |
| **Place** | • At customer site<br>• In classroom | |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses | |
| **Excluded** | • Hours and travel expenses<br>• Local transport | |

**AVAILABLE FOR**

– Laminators and coaters CL, D, CO with flexo trolley

**LANGUAGES**

– English
– Italian
– Chinese (only for Chinese customers)
– Other language required (interpreter cost not included)

**SUITABLE FOR**

– Machine Operators
– Machine Managers
– Process Engineers

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# Flexo laminating / coating for machine operators

Maximum participation: 7 persons

This **advanced training** explains in depth how to manage the flexo technology of BOBST laminating machines. Participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

| ORGANISATION | |
|---|---|
| **Duration** | • 2 days (16 hours) |
| **Place** | • BOBST Competence Center - San Giorgio, Italy<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training |
| **Excluded** | • Travel expenses<br>• Hotel<br>• Daily expenses<br>• Local transport |

**COURSE CONTENT**

- Safety on the machine
- Basic concepts of flexo laminating / coating
- Preparation of the flexo laminating / coating trolley
- Flexo application on the machine
- Flexo coating and laminating tests
- Samples evaluation and defect resolution
- Cleaning procedures

**LANGUAGES**

- English
- Italian
- Chinese (only at BCL Competence Center)
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers
- Process Engineers

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# Flexo laminating / coating for machine operators

Maximum participation: 7 persons

This **advanced training** explains in depth how to manage the flexo technology of BOBST laminating machines. Participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 4 hours | • Safety on the machine<br>• Basic concepts of flexo laminating / coating<br>• Preparation of the flexo laminating / coating trolley<br>• Flexo application on the machine<br>• Flexo coating and laminating tests<br>• Samples evaluation and defect resolution<br>• Cleaning procedures |
| **Place** | • Streaming live session | |
| **Included services** | • Documentation (upon NDA signature)<br>• Hours of training | |
| **Excluded** | • Final assessment test<br>• Knowledge certification | |

**LANGUAGES**

- English
- Italian
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers
- Process Engineers

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# Semi-flexo laminating / coating for machine operators

Maximum participation: 7 persons

This **advanced training** explains in depth how to manage the semi-flexo technology of BOBST laminating or coating machines. Participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

| ORGANISATION | |
|---|---|
| **Duration** | • 2 days (16 hours) |
| **Place** | • At customer site<br>• In classroom |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses |
| **Excluded** | • Hours and travel expenses<br>• Local transport |

**COURSE CONTENT**

- Safety on the machine
- Basic concepts of semi-flexo laminating / coating
- Preparation of the semi-flexo laminating / coating trolley
- Semi-flexo application on the machine
- Semi-flexo coating and laminating tests
- Samples evaluation and defect resolution
- Cleaning procedures

**AVAILABLE FOR**

– Laminators and coaters CL, CO with semi-flexo trolley

**LANGUAGES**

– English
– Italian
– Other language required (interpreter cost not included)

**SUITABLE FOR**

– Machine Operators
– Machine Managers
– Process Engineers

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# Solventless laminating for machine operators

Maximum participation: 7 persons

This **advanced training** explains in-depth how to manage the solventless technology of BOBST laminating machines. Participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

| ORGANISATION | |
|---|---|
| **Duration** | • 2 days (16 hours) |
| **Place** | • At customer site<br>• In classroom |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses |
| **Excluded** | • Hours and travel expenses<br>• Local transport |

**COURSE CONTENT**

- Safety on the machine
- Basic concepts of solventless laminating / coating
- Preparation of the solventless laminating / coating trolley
- Preparation and calibration of the two-component mixer
- Solventless laminating /coating and coupling tests
- Sample evaluation and defect resolution
- Cleaning procedures

**AVAILABLE FOR**

– Laminators and coaters CL, CO with semi-flexo trolley

**LANGUAGES**

– English
– Italian
– Chinese (only for Chinese customers)
– Other language required (interpreter cost not included)

**SUITABLE FOR**

– Machine Operators
– Machine Managers
– Process Engineers

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# Solventless laminating for machine operators

Maximum participation: 7 persons

This **advanced training** explains in depth how to manage the solventless technology of BOBST laminating machines. Participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

## ORGANISATION

| | |
|---|---|
| **Duration** | • 2 days (16 hours) |
| **Place** | • BOBST Competence Center - San Giorgio, Italy<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training |
| **Excluded** | • Travel expenses<br>• Hotel<br>• Daily expenses<br>• Local transport |

## COURSE CONTENT

- Safety on the machine
- Basic concepts of solventless laminating / coating
- Preparation of the solventless laminating / coating trolley
- Preparation and calibration of the two-component mixer
- Solventless laminating /coating and coupling tests
- Sample evaluation and defect resolution
- Cleaning procedures

## LANGUAGES

- English
- Italian
- Chinese (only at BCL Competence Center)
- Other language required (interpreter cost not included)

## SUITABLE FOR

- Machine Operators
- Machine Managers
- Process Engineers

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# Solventless laminating for machine operators

Maximum participation: 7 persons

This **advanced training** explains in depth how to manage the solventless technology of BOBST laminating machines. Participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

## ORGANISATION

| | |
|---|---|
| **Duration** | • 4 hours |
| **Place** | • Streaming live session |
| **Included services** | • Documentation (upon NDA signature)<br>• Hours of training |
| **Excluded** | • Final assessment test<br>• Knowledge certification |

## COURSE CONTENT

- Safety on the machine
- Basic concepts of solventless laminating / coating
- Preparation of the solventless laminating / coating trolley
- Preparation and calibration of the two-component mixer
- Solventless laminating /coating and coupling tests
- Sample evaluation and defect resolution
- Cleaning procedures

## LANGUAGES

- English
- Italian
- Other language required (interpreter cost not included)

## SUITABLE FOR

- Machine Operators
- Machine Managers
- Process Engineers

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# Cold seal gravure application for machine operators

Maximum participation: 7 persons

This **advanced training** explains in depth how to manage the cold seal in register application with gravure technology of BOBST laminating machines. Participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 2 days (16 hours) | • Safety on the machine<br>• Basic concepts of cold seal application<br>• Basic concepts on register application<br>• Preparing the machine for cold seal application<br>• Application gravure cold seal in register on the machine<br>• Register cold seal printing test<br>• Sample evaluation and defect resolution<br>• Cleaning procedures |
| **Place** | • At customer site<br>• In classroom | |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses | |
| **Excluded** | • Hours and travel expenses<br>• Local transport | |

**AVAILABLE FOR**

- Laminators CL, D with cold seal in register option

**LANGUAGES**

- English
- Italian
- Chinese (only for Chinese customers)
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers
- Process Engineers

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# Cold seal gravure application for machine operators

Maximum participation: 7 persons

This **advanced training** explains in depth how to manage the cold seal in register application with gravure technology of BOBST laminating machines. Participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

## ORGANISATION

| | |
|---|---|
| **Duration** | • 2 days (16 hours) |
| **Place** | • BOBST Competence Center - San Giorgio, Italy<br>• In classroom and on the machine |
| **Included services** | • Documentation<br>• Hours of training |
| **Excluded** | • Travel expenses<br>• Hotel<br>• Daily expenses<br>• Local transport |

## COURSE CONTENT

- Safety on the machine
- Basic concepts of cold seal application
- Basic concepts on register application
- Preparing the machine for cold seal application
- Application gravure cold seal in register on the machine
- Register cold seal printing test
- Sample evaluation and defect resolution
- Cleaning procedures

## LANGUAGES

- English
- Italian
- Chinese (only at BCL Competence Center)
- Other language required (interpreter cost not included)

## SUITABLE FOR

- Machine Operators
- Machine Managers
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# Cold seal gravure application for machine operators

Maximum participation: 7 persons

This **advanced training** explains in depth how to manage the cold seal in register application with gravure technology of BOBST laminating machines. Participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

## ORGANISATION

| | |
|---|---|
| **Duration** | • 4 hours |
| **Place** | • Streaming live session |
| **Included services** | • Documentation (upon NDA signature)<br>• Hours of training |
| **Excluded** | • Final assessment test<br>• Knowledge certification |

## COURSE CONTENT

- Safety on the machine
- Basic concepts of solventless laminating / coating
- Preparation of the solventless laminating / coating trolley
- Preparation and calibration of the two-component mixer
- Solventless laminating / coating and coupling tests
- Sample evaluation and defect resolution
- Cleaning procedures

## LANGUAGES

- English
- Italian
- Other language required (interpreter cost not included)

## SUITABLE FOR

- Machine Operators
- Machine Managers
- Process Engineers

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# Class on the lamination process, technology, materials and troubleshooting

Maximum participation: 10 persons

This course comprises **advanced in-class training** on the lamination process, including the theory and key ideas of laminating flexible materials. It covers the fundamental principles of the process through to different laminating technologies, and the resolution of common laminating problems. This training improves participants' **process technology skills,** providing autonomy with process **problem resolution** and improving knowledge around **product quality.**

| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 2 days (16 hours) | • Multi-layer structures converting requirements<br>• Why laminate?<br>• Concepts of the laminating process<br>• Laminating technologies example<br>• Adhesion theory<br>• Sample evaluation and defect resolutions |
| **Place** | • At customer site<br>• In classroom | |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses | |
| **Excluded** | • Hours and travel expenses<br>• Local transport | |

**LANGUAGES**

- English
- Italian
- Chinese (only for Chinese customers)
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers
- Process Engineers

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# Class on the lamination process, technology, materials and troubleshooting

Maximum participation: 7 persons

This course comprises **advanced in-class training** on the lamination process, including the theory and key ideas of laminating flexible materials. It covers the fundamental principles of the process through to different laminating technologies, and the resolution of common laminating problems. This training improves participants' **process technology skills,** providing autonomy with process **problem resolution** and improving knowledge around **product quality.**

| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 2 days (16 hours) | • Multi-layer structures converting requirements<br>• Why laminate?<br>• Concepts of the laminating process<br>• Laminating technologies example<br>• Adhesion theory<br>• Sample evaluation and defect resolutions |
| **Place** | • BOBST Competence Center - San Giorgio, Italy<br>• In classroom and on the machine | |
| **Included services** | • Documentation<br>• Hours of training | |
| **Excluded** | • Travel expenses<br>• Hotel<br>• Daily expenses<br>• Local transport | |

**LANGUAGES**

- English
- Italian
- Chinese (onl yat BCL Competence Center)
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers
- Process Engineers

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# Lamination process

Maximum participation: 15 persons

This is an online course exploring the **key ideas** and fundamental principles of the laminating process.

During the course, a BOBST instructor will be available to answer your questions by chat.

| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 2 hours | • Multi-layer structures converting requirements<br>• Why laminate?<br>• Concepts of laminating process |
| **Place** | • Online by Microsoft TEAMS | |
| **Included services** | • Documentation<br>• Hours of training | |

**LANGUAGES**

- English
- Italian
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers
- Process Engineers

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# Laminating technology

Maximum participation: 15 persons

This is an online class exploring the **key ideas** around different laminating technologies.

During the course, a BOBST instructor will be available to answer your questions by chat.

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| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 2 hours | • Coextrusion of plastic materials<br>• Extrusion lamination<br>• Lamination with adhesives |
| **Place** | • Online by Microsoft TEAMS | |
| **Included services** | • Documentation<br>• Hours of training | |

**LANGUAGES**

- English
- Italian
- Other language required (interpreter cost not included)

**SUITABLE FOR**



- Machine Operators
- Machine Managers
- Process Engineers

# Adhesives for lamination

Maximum participation: 15 persons

This is an online class exploring the different adhesives used in the laminating process with flexible materials.

During the course, a BOBST instructor will be available to answer your questions by chat.

| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 2 hours | • Definitions<br>• Adhesion theory<br>• Wettability<br>• Adhesives for flexible packaging |
| **Place** | • Online by Microsoft TEAMS | |
| **Included services** | • Documentation<br>• Hours of training | |

**LANGUAGES**

- English
- Italian
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers
- Process Engineers

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# Lamination troubleshooting

Maximum participation: 15 persons

This is an online class exploring and bringing familiarity with the most common problems during the laminating process, and the techniques that can be used to troubleshoot them.

During the course it will be possible to ask questions via chat to the instructor.

| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 2 hours | • Procedures<br>• Examples<br>• Troubleshooting |
| **Place** | • Online by Microsoft TEAMS | |
| **Included services** | • Documentation<br>• Hours of training | |

**LANGUAGES**

- English
- Italian
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers
- Process Engineers

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# Human-Machine Interface panel

Maximum participation: 15 persons

This is an online session on the Human-Machine Interface (HMI). It will simply and clearly show browsing, using and setting from the operator panel.

During the course, a BOBST instructor will be available to answer your questions by chat.

| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 1 hour | • Pages browsing<br>• Configuration pages<br>• Synoptic page<br>• Recipe management<br>• Alarm management<br>• Job management<br>• Trend visualization |
| **Place** | • Online by Microsoft TEAMS | |
| **Included services** | • Documentation<br>• Hours of training | |

**LANGUAGES**

- English
- Italian
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers
- Process Engineers

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# Training for coating machines




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# Coating machine operators

Maximum participation: 7 persons

This training fully explains how to manage a coating machine and its key modules. As they are guided through the typical problems related to the coating process, participants will learn how troubleshoot them. This course enables the participants to take advantage of their **machine's full capacity, enhancing coating quality and increasing machine productivity.**

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| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 5 days (40 hours) | • Safety on the machine<br>• Machine description and machine parameters<br>• Using the operator panel<br>• Web guidance<br>• Drying tunnel<br>• Commands and controls<br>• Coating with technologies available on customer machine (max two technologies per each module)<br>• Cleaning procedure |
| **Place** | • At customer site<br>• In classroom | |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses | |
| **Excluded** | • Hours and travel expenses<br>• Local transport | |

**AVAILABLE FOR**
– Coaters CO

**LANGUAGES**
– English
– Italian
– Other language required (interpreter cost not included)

**SUITABLE FOR**
– Machine Operators
– Machine Managers
– Process Engineers

# Electrical maintenance

Maximum participation: 7 persons

Regular, accurate and professional maintenance is vital for your machine to work reliably and profitably for many years. Our electrical maintenance course qualifies your specialists to keep your machine in perfect condition throughout its entire lifecycle, increasing **machine availability, enhancing production quality and extending your equipment's lifespan.**

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## ORGANISATION

| | |
|---|---|
| **Duration** | • 4 days (32 hours) |
| **Place** | • At customer site<br>• In classroom |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses |
| **Excluded** | • Hours and travel expenses<br>• Local transport |

## COURSE CONTENT

- Safety on the machine
- Safety instruction and identification of lockable points
- Network structure
- Motor drive systems
- Diagnostic
- Multiprocessor PLC structure
- HMI operator panel
- Machine calibrations

## AVAILABLE FOR

- Laminators CL, SL
- Gravures RS, MW
- Coaters CO

## LANGUAGES

- English
- Italian
- Other language required (interpreter cost not included)

## SUITABLE FOR

- Electrical maintenance team
- Maintenance managers

# Mechanical maintenance on coating machines

Maximum participation: 7 persons

Regular, accurate and professional maintenance is vital for your machine to work reliably and profitably for many years. Our mechanical maintenance course qualifies your specialists to keep your machine in perfect condition throughout its entire lifecycle, increasing **machine availability, enhancing production quality and extending your equipment's lifespan.**

| ORGANISATION | |
|---|---|
| **Duration** | • 3 days (24 hours) |
| **Place** | • At customer site<br>• In classroom |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses |
| **Excluded** | • Hours and travel expenses<br>• Local transport |

**COURSE CONTENT**

- Safety on the machine
- Description of the machine and auxiliary equipment
- Coating unit - scheduled maintenance
- Unwinder and rewinder - scheduled maintenance
- Auxiliary equipment - scheduled maintenance
- Pneumatic circuit description
- Cooling and heating rollers
- Tunnel and ventilation system - parameters and cleaning
- Ordinary and extraordinary maintenance worksheets

**AVAILABLE FOR**
- Coaters CO

**LANGUAGES**
- English
- Italian
- Other language required (interpreter cost not included)

**SUITABLE FOR**
- Machine Operators
- Machine Managers
- Process Engineers

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# Gravure laminating / coating for machine operators

Maximum participation: 7 persons

This **advanced training** explains in depth how to manage the rotogravure technology of BOBST laminating or coating machines. Participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

| ORGANISATION | |
|---|---|
| **Duration** | • 2 days (16 hours) |
| **Place** | • At customer site<br>• In classroom |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses |
| **Excluded** | • Hours and travel expenses<br>• Local transport |

**COURSE CONTENT**

- Safety on the machine
- Basic concepts of rotogravure coating
- Preparation of the rotogravure coating trolley
- Rotogravure application on the machine
- Rotogravure coating and laminating tests
- Samples evaluation and defect resolution
- Cleaning procedures

**AVAILABLE FOR**

- Laminators and coaters CL, D, CO with rotogravure trolley

**LANGUAGES**

- English
- Italian
- Other language required (interpreter cost not included)

**SUITABLE FOR**



- Machine Operators
- Machine Managers
- Process Engineers

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# Flexo laminating / coating for machine operators

Maximum participation: 7 persons

This **advanced training** explains in depth how to manage the flexo technology of BOBST laminating or coating machines. Participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

| ORGANISATION | |
|---|---|
| **Duration** | • 2 days (16 hours) |
| **Place** | • At customer site<br>• In classroom |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses |
| **Excluded** | • Hours and travel expenses<br>• Local transport |

**COURSE CONTENT**

- Safety on the machine
- Basic concepts of flexo coating
- Preparation of the flexo coating trolley
- Flexo application on the machine
- Flexo coating and laminating tests
- Samples evaluation and defect resolution
- Cleaning procedures

**AVAILABLE FOR**

– Laminators and coaters CL, D, CO with flexo trolley

**LANGUAGES**

– English
– Italian
– Other language required (interpreter cost not included)

**SUITABLE FOR**

– Machine Operators
– Machine Managers
– Process Engineers

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# Semi-flexo laminating / coating for machine operators

Maximum participation: 7 persons

This **advanced training** explains in depth how to manage the semi-flexo technology of BOBST laminating or coating machines. The participants will learn how to take full advantage of the capabilities of this specific technology to **improve productivity and quality** of the final product, as well as how to solve typical process-related problems in the **fastest and most efficient** way.

| ORGANISATION | | COURSE CONTENT |
|---|---|---|
| **Duration** | • 2 days (16 hours) | • Safety on the machine<br>• Basic concepts of semi-flexo coating<br>• Preparation of the semi-flexo coating trolley<br>• Semi-flexo application on the machine<br>• Semi-flexo coating and laminating tests<br>• Samples evaluation and defect resolution<br>• Cleaning procedures |
| **Place** | • At customer site<br>• In classroom | |
| **Included services** | • Documentation<br>• Hours of training<br>• Hotel<br>• Daily expenses | |
| **Excluded** | • Hours and travel expenses<br>• Local transport | |

**AVAILABLE FOR**

– Laminators and coaters CL, CO with semi-flexo trolley

**LANGUAGES**

– English
– Italian
– Other language required (interpreter cost not included)

**SUITABLE FOR**

– Machine Operators
– Machine Managers
– Process Engineers

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# Human-Machine Interface panel

Maximum participation: 15 persons

This is an online session on the Human-Machine Interface (HMI). It shows simply and clearly browsing, using and setting from the operator panel.

During the course, a BOBST instructor will be available to answer your questions by chat.

| ORGANISATION | |
|---|---|
| **Duration** | • 1 hour |
| **Place** | • Online by Microsoft TEAMS |
| **Included services** | • Documentation<br>• Hours of training |

**COURSE CONTENT**

- Pages browsing
- Configuration pages
- Synoptic page
- Recipe management
- Alarm management
- Job management
- Trend visualization

**LANGUAGES**

- English
- Italian
- Other language required (interpreter cost not included)

**SUITABLE FOR**

- Machine Operators
- Machine Managers
- Process Engineers

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# Powering your performance



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