



# TRAINING Catalogue



**BIMOTOR Skill Center**  
Via Marie Curie, 22  
Building 4  
10073 Ciriè (TO) - Italia

**Head of TRAINING Dept.**  
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# Training mode



## Classroom theoretical courses

At Skill Center Bimotor  
or at Customer site

## Webinar

online trainings  
in videoconference



## Video tutorial

available on our website  
Customer Area [www.bimotor.it](http://www.bimotor.it)

## Practical training

At Skill Center Bimotor  
or at Customer site



# Our Skill Center

## Skill Center

Via Marie Curie, 22

10073 Ciriè (Turin)

Italy

Building 4

GPS: 45.213055, 7.609402

An area fully dedicated to training, with spaces that encourage theoretical and practical learning.

- 1 Classroom
- 1 Workshop
- 1 Catering Area
- 1 Engine testing area



During the training days, we will provide coffee breaks and lunches by booking a dedicated **catering service**.

Therefore, participants are asked to report any **intolerances or special dietary regimens** in advance so that adequate meals can be provided for everyone.

# Partner hotels

In the surroundings of our Skill Center we have **3 partner hotels** where training participants can take advantage of a special BIMOTOR rate.

We are available to support participants in booking rooms and to suggest any alternative accommodation facilities not covered by the agreement.



**TURIN AIRPORT HOTEL**  
[Turin Airport Hotel Caselle](#)



**GOTHA HOTEL**  
[Gotha Hotel Turin Airport - Hotels Italian](#)



**RELAIS BELLA ROSINA**  
[Spa - Relais Bella Rosina](#)

# Training codes

Training Description	Internal ID code
Power generation applications	<a href="#">BM_TR_FPT_01</a>
Off Road (Low / No emission) applications	<a href="#">BM_TR_FPT_02</a>
Off Road (Stage IV - Stage V) applications	<a href="#">BM_TR_FPT_03</a>
Marine applications	<a href="#">BM_TR_FPT_04</a>
<del>On Road applications (Not available)</del>	<del><a href="#">BM_TR_FPT_05</a></del>
PT BOX & Easy Software BASE	<a href="#">BM_TR_FPT_06</a>
PT BOX & Easy Software ADVANCED	<a href="#">BM_TR_FPT_07</a>
Combustion engine & Engine test in R&D phase	<a href="#">BM_TR_FPT_08</a>
ATS Stage IV	<a href="#">BM_TR_FPT_09</a>
ATS – Comparison Stage IV vs Stage V	<a href="#">BM_TR_FPT_10</a>
F34 engine & exhaust ATS Stage V	<a href="#">BM_TR_FPT_11</a>
F36 engine & exhaust ATS Stage V	<a href="#">BM_TR_FPT_12</a>
VCI & UDT Software	<a href="#">BM_TR_FPT_13</a>
EASY SCOPE	<a href="#">BM_TR_FPT_14</a>
What to avoid	<a href="#">BM_TR_FPT_15</a>
Raywin Sprinkler applications	<a href="#">BM_TR_RAY_01</a>
Raywin Waterpumps applications	<a href="#">BM_TR_RAY_02</a>
Raywin Marine applications	<a href="#">BM_TR_RAY_03</a>
Raywin PG applications	<a href="#">BM_TR_RAY_04</a>



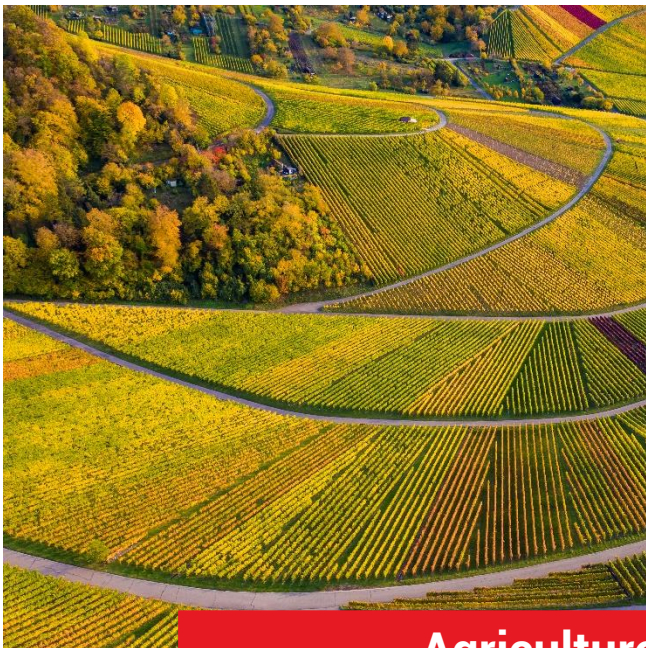
# FPT Industrial engines



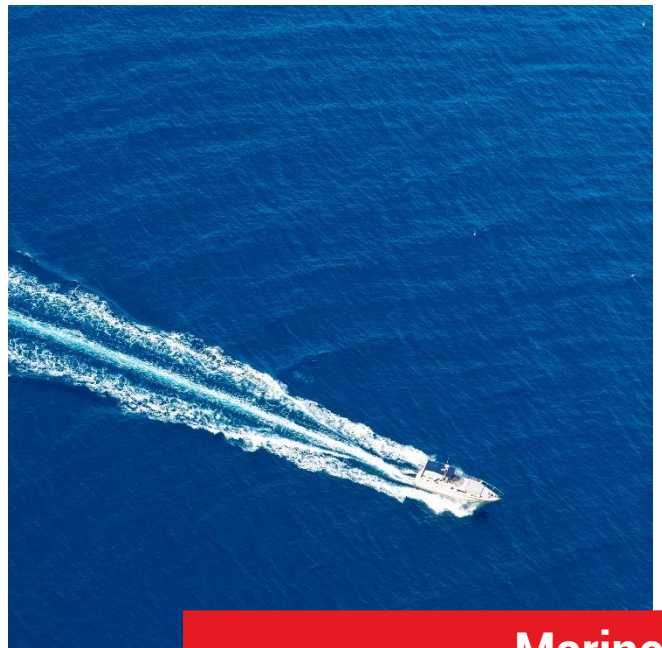
**Power Generation**



**Construction**



**Agriculture**



**Marine**

# Power generation applications

**Training contents:**

- Intake system ( A/TS/TCA)
- Fuel system ( Mech / Elect )
- Exhaust system
- EGR system
- Lubrication layout
- Cooling layout
- Timing Check
- Mechanical Components
- Sensors
- Maintenance Activities
- Available Options
- Practical activities in Bimotor workshop

**Duration:**

2 days

**Available languages:**

- Italian
- English
- Spanish
- French

**Materials and certificates:**

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

**Equipment needed**

*(in case of in-person courses at Bimotor Skill Center)*

- Safety shoes
- Appropriate work clothing

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# Off Road (Low / NE) applications

**Training contents:**

- Intake system (A/TS/TCA)
- Fuel system (MEC/EL)
- Exhaust system
- EGR system
- Lubrication layout
- Cooling layout
- Timing Check
- Mechanical components
- Sensors
- Maintenance activities
- Available options
- Practical activities on the engine (including removal and reassembly)

**Duration:**

2 days

**Available languages:**

- Italian
- English
- Spanish
- French

**Materials and certificates:**

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

**Equipment needed**

*(in case of in-person courses at Bimotor Skill Center)*

- Safety shoes
- Appropriate work clothing

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# Off Road (St IV - St V) applications

**Training contents:**

- Intake system
- Fuel system
- Exhaust system
- Lubrication layout
- Cooling layout
- Mechanical components
- Sensors
- Maintenance activities
- Available options
- Practical activities on the engine (including removal and reassembly)

**Duration:**

2 days

**Pre-Requirements:**

Off Road (Low / No emission) **to be included in the request form**

**Available languages:**

- Italian
- English
- Spanish
- French

**Materials and certificates:**

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

**Equipment needed**

*(in case of in-person courses at Bimotor Skill Center)*

- Safety shoes
- Appropriate work clothing

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# Marine applications

**Training contents:**

- Intake system (A/TS/TCA)
- Fuel system (MEC/EL)
- Exhaust system
- EGR system
- Lubrication layout
- Cooling layout
- Timing Check
- Mechanical components
- Sensors
- Marine applications specs
- Maintenance activities
- Available options
- Practical activities on the engine (including removal and reassembly)

**Duration:**

2 days

**Available languages:**

- Italian
- English
- Spanish
- French

**Materials and certificates:**

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

**Equipment needed**

*(in case of in-person courses at Bimotor Skill Center)*

- Safety shoes
- Appropriate work clothing

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# PT BOX & Easy Software BASE

**Training contents:**

- Hardware configuration
- Software commands Interface
- Diagnosis and error reading
- Parameters reading
- Logging and graphic functions
- Data stored
- Practical activities

**Duration:**

1 day

**Available languages:**

- Italian
- English
- Spanish
- French

**Materials and certificates:**

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

**Equipment needed**

*(in case of in-person courses at Bimotor Skill Center)*

- Safety shoes
- Appropriate work clothing

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# PT BOX & Easy Software ADV.

**Training contents:**

- Flap Valve Test
- UDST Test
- UDLC Test
- UDVC Test
- UDPC Test
- Specific Function

**Duration:**

1 day

**Pre-Requirements:**

PT-BOX & E.A.S.Y SW Base **to be included in the request form**

**Available languages:**

- Italian
- English
- Spanish
- French

**Materials and certificates:**

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

**Equipment needed**

*(in case of in-person courses at Bimotor Skill Center)*

- Safety shoes
- Appropriate work clothing

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# Combustion engine & R&D test

## Training contents:

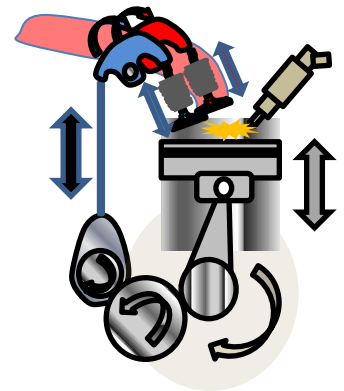
- Diesel cycle
- Injection systems
- Combustion process
- Meaning of variables (Power, Torque, BMEP, Fuel consumption, Emission gases, Temperatures, Pressures)
- Undesirable phenomena
- Test bench
- Test methods
- Measurement of torque, speed, fuel consumption, emission gases, temperature, pressures.

## Duration:

1 day

## Available languages:

- Italian
- English
- Spanish
- French



## Materials and certificates:

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

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# ATS Stage IV

## Training contents:

- Emissions legislation
- ATS Stage IV layout
- AdBlue tank
- Supply module
- AdBlue injector (Dosing module)
- ATS sensors
- Maintenance
- Inducement and derating
- Diagnostic activities
- Practical example
- Practical activities

## Duration:

1 day

## Pre-Requirements:

Off Road (Low / NE) applications **to be included in the request form**

## Available languages:

- Italian
- English
- Spanish
- French

## Materials and certificates:

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

## Equipment needed

*(in case of in-person courses at Bimotor Skill Center)*

- Safety shoes
- Appropriate work clothing

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# ATS - Comparison St IV vs St V

## Training contents:

- Emissions legislation
- ATS Stage V layout
- AdBlue tank
- Supply module
- AdBlue injector (Dosing module)
- ATS sensors
- Maintenance
- Inducement and derating
- Diagnostic activities
- Practical example
- Practical activities

## Duration:

1 day

## Available languages:

- Italian
- English
- Spanish
- French

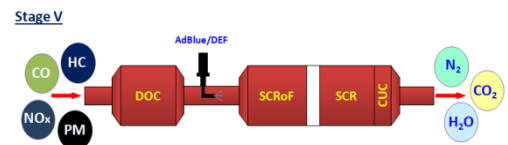
## Materials and certificates:

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

## Equipment needed

*(in case of in-person courses at Bimotor Skill Center)*

- Safety shoes
- Appropriate work clothing



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# F34 engine & ATS Stage V

**Training contents:**

- Injection system
- Fuel system
- Exhaust system
- Lubrication layout
- Cooling layout
- Mechanical components
- Engine sensors
- External EGR
- TVA
- ATS system & sensors
- Practical activities

**Duration:**

1 day

**Available languages:**

- Italian
- English
- Spanish
- French

**Materials and certificates:**

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

**Equipment needed**

*(in case of in-person courses at Bimotor Skill Center)*

- Safety shoes
- Appropriate work clothing

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# F36 engine & ATS Stage V

**Training contents:**

- Injection system
- Fuel system
- Exhaust system
- Lubrication layout
- Cooling layout
- Mechanical components
- Engine sensors
- External EGR
- TVA

**ATS Stage V layout**

- AdBlue tank
- Supply module
- AdBlue injector
- ATS sensors
- Maintenance
- Inducement and derating
- Diagnostic activities
- Practical activities

**Duration:**

1 day

**Available languages:**

- Italian
- English
- Spanish
- French

**Materials and certificates:**

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

**Equipment needed**

*(in case of in-person courses at Bimotor Skill Center)*

- Safety shoes
- Appropriate work clothing

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# VCI & UDT Software

**Training contents:**

- Hardware configuration
- Software commands Interface
- Diagnosis and error reading
- Parameter reading
- Logging and graphic functions
- Data stored
- Practical activities
- Test
- UDST Test
- Specific Function

**Duration:**

1 day

**Available languages:**

- Italian
- English
- Spanish
- French

**Materials and certificates:**

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

**Equipment needed**

*(in case of in-person courses at Bimotor Skill Center)*

- Safety shoes
- Appropriate work clothing

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# EASY SCOPE

**Training contents:**

- Hardware configuration
- Accessories
- Software Commands Interface
- Different types of tests
- Calculation functions
- Cursor function
- Practical examples on engine

**Duration:**

1 day

**Available languages:**

- Italian
- English
- Spanish
- French

**Materials and certificates:**

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

**Equipment needed**

*(in case of in-person courses at Bimotor Skill Center)*

- Safety shoes
- Appropriate work clothing

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# What to avoid

## Training contents:

- Blow-By undesirable effects
- AdBlue wrong storage effects
- Dosing module and mixer wrong positioning effects
- Low load duty cycle effects

## Duration:

0,5 days

## Pre-Requirements:

ATS training **to be included in the request form**

## Available languages:

- Italian
- English
- Spanish
- French

## Materials and certificates:

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

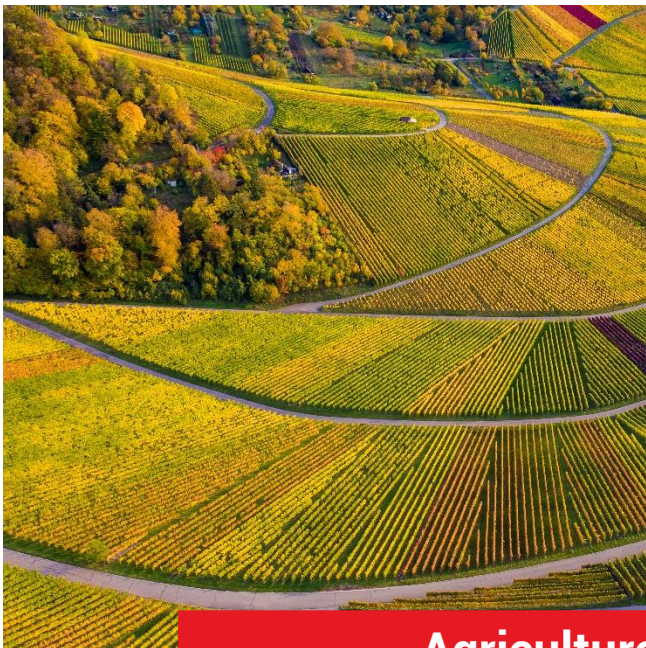
# RAYWIN engines



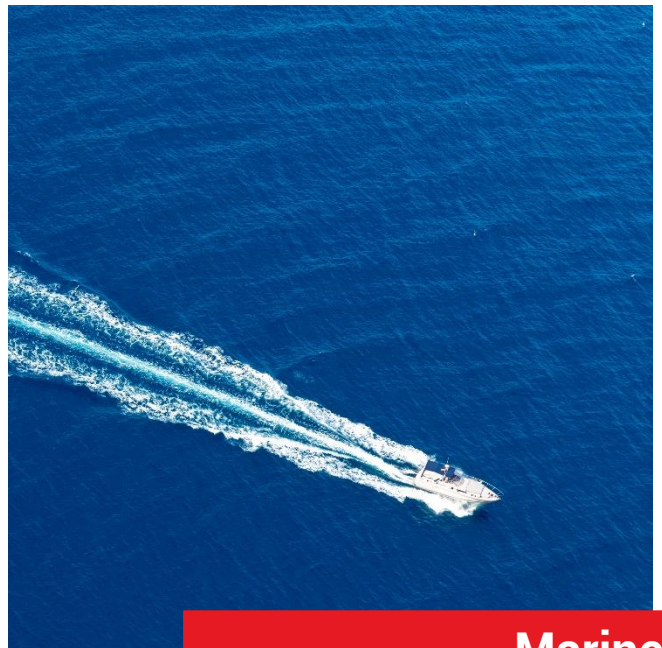
**Power Generation**



**Construction**



**Agriculture**



**Marine**

# Raywin Sprinkler applications

**Training contents:**

- Engine Range
- Intake system
- Fuel system
- Exhaust system
- Lubrication layout
- Cooling layout
- Timing check
- Mechanical components
- Sensors
- Maintenance activities
- Available options
- Practical activities on the engine (removal and reassembly)

**Duration:**

2 days

**Available languages:**

- Italian
- English
- Spanish
- French

**Materials and certificates:**

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

**Equipment needed**

*(in case of in-person courses at Bimotor Skill Center)*

- Safety shoes
- Appropriate work clothing

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# Raywin Waterpumps applications

## Training contents:

- Engine Range
- Intake system
- Fuel system
- Exhaust system
- Lubrication layout
- Cooling layout
- Timing check
- Mechanical components
- Sensors
- Maintenance activities
- Available options
- Practical activities on the engine (removal and reassembly)



## Duration:

2 days

## Available languages:

- Italian
- English
- Spanish
- French

## Materials and certificates:

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

## Equipment needed

*(in case of in-person courses at Bimotor Skill Center)*

- Safety shoes
- Appropriate work clothing

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# Raywin Marine applications

**Training contents:**

- Engine Range
- Intake system
- Fuel system
- Exhaust system
- Lubrication layout
- Cooling layout
- Timing check
- Mechanical components
- Sensors
- Maintenance activities
- Available options
- Practical activities on the engine (removal and reassembly)

**Duration:**

2 days

**Available languages:**

- Italian
- English
- Spanish
- French

**Materials and certificates:**

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

**Equipment needed**

*(in case of in-person courses at Bimotor Skill Center)*

- Safety shoes
- Appropriate work clothing

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# Raywin PG applications

**Training contents:**

- Engine Range
- Intake system
- Fuel system
- Exhaust system
- Lubrication layout
- Cooling layout
- Timing check
- Mechanical components
- Sensors
- Maintenance activities
- Available options
- Practical activities on the engine (removal and reassembly)

**Duration:**

2 days

**Available languages:**

- Italian
- English
- Spanish
- French

**Materials and certificates:**

- Training materials provided to participants on USB
- Certificates of attendance given to participants at the end of the course

**Equipment needed**

*(in case of in-person courses at Bimotor Skill Center)*

- Safety shoes
- Appropriate work clothing

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# Training request form

## BIMOTOR Customer code

I'm not a Bimotor Customer

## Contact details

Reference person

Phone number

email address

## Training Course

*Please select from the menu*

## Preferred period

From     
*day month year*

To     
*day month year*

*Please select the dates*

## Preferred training site

*Please select from the menu*

## Participants Number

*Please specify*

## I don't need a standard training!

*Please specify your needs*

Send this format to **training@bimotor.it**

Our **Technical training team** will analyze your request and get in touch with you as soon as possible.



BIMOTOR Skill Center  
Via Marie Curie, 22  
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For any training request, whether for Catalogue Courses or customized on-demand courses, on the site at the link <https://www.bimotor.it/en/how-we-work/training.html> you will find the fillable form, to be forwarded then to [training@bimotor.it](mailto:training@bimotor.it)