





## Equipment technology training

For customers and partners





#### Dear customers, partners and employees,

The Bauer Training Center has been offering professional seminars and training courses in specialist foundation engineering for over 15 years. Thanks to the integration into BAUER Machinen GmbH, we have a clear focus on all training courses relating to the product range of Bauer Maschinen GmbH. In addition to our standard training courses for equipment operators and mechanics from the various equipment sectors, we offer you the opportunity to design your training courses according to your individual needs. For these training courses, we have compiled the most important topics in modules.

To give you a better overview, we are taking a new approach via product lines. For example, do you have a drilling rig? Then you will find all related training courses at a glance under the "Drilling rigs" product line. Equipment operators, mechanics or service managers will find the right training here. We have taken into account contemporary changes and digitization and developed them further. During the preparation and follow-up of our classroom training courses, we offer you e-learning courses for equipment operators on important topics such as safety and equipment knowledge. We hope you enjoy exploring our training program.

Can't find the **right** course for you? Please call us, our team will be happy to help you to find the **right fit** for you.

#### Your team at the Bauer Training Center (BTC)



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## Our certified partners

"The world is our market" – our network and our training opportunities with selected partners worldwide are based on this motto.

Our goal is to offer our customers qualified, high-quality training courses close to their location. Our partners are always at your side with advice and support regarding further training for your employees. Primarily, we offer training units for equipment operators. In close cooperation with the BTC team, our partners always strive to meet your requirements in the best possible way.



### Region 1 USA/Canada

<u>Subject matter experts:</u> Markus Lönner (1), BAUER Equipment America Inc.

Shaun Duckworth (2), BAUER Foundation Canada Inc.



#### USA/Canada

<u>Subject matter experts:</u> Jason Martinelli (3) Robert Kerns (4) Mustapha Elwaziki (5)

Joe Kinworthy (6) Jason Church (7)

#### ECA - Equipment Corporation of America



## Available locally for you

All partners undergo an extensive training program to provide high-quality training in their specialist areas.

The Bauer Training Center will be happy to coordinate your inquiries and needs with our partner on your behalf. Please contact us. You can find your contact persons on page 8 and page 58.



### Region 2 Europe

Subject matter experts: Silke Steinberg (8) Markus Bernbeck (9)

Johannes Reisner (10) Cengiz Acikgoez (11)

Bauer Training Center (BTC)





<u>Subject matter experts:</u> Chia Wayne (12)

BAUER Far East Group



### Region 4 Africa/Egypt

<u>Subject matter experts:</u> Osama Saeed (13)

EFE Egyptian Foundation Engineering Co.



### Individual training courses tailored to your needs

#### Tailor-made training courses to meet your requirements

The Bauer Training Center (BTC) supports you in the training and further education of your personnel, even outside of our standard training courses.

We would be happy to work with you to create a training program tailored to your needs from our training modules.

Please provide us with the following information:

- Which equipment should the training be for?
- Which target group should be addressed?
- Equipment operators or mechanics?
- Prior knowledge of participants

And as quickly as this, the first steps have been taken to design and implement your tailor-made training.

Our team will be happy to assist and advise you.



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Christina Biebel Internationale Trainings Phone: +49 8252 97-1218 Mobile: +49 175 113 7063 Christina.Biebel@bauer.de

Our BTC team is available for you in person from 8:00 to 17:00 CET (Fridays 8:00 to 13:00 CET).

BAUER Maschinen GmbH Bauer Training Center Münchener Strasse 16 86529 Schrobenhausen, Germany www.bauer-trainingcenter.de BTC@bauer.de

### Individual training courses tailored to your needs

The Bauer Training Center recommends the "Safety" and "Equipment knowledge" modules as fixed components for all training courses. This will ensure that you learn how to use your equipment efficiently and safely.

You can then select further modules depending on your needs and desired training duration. We will be happy to provide you with an individual quotation afterwards.



### Training for mechanics and service personnel

### Continuing training pays off

The training courses listed below have been specially designed for mechanics and service personnel. Reducing downtime and costs are just two of the benefits you will reap.

In our basic training courses, we impart solid basic knowledge of the specialist skills hydraulics and electrics/electronics. The advanced training courses build on the basic knowledge which has already been acquired, provide training in specific equipment features and impart detailed knowledge about the individual equipment types.

• The offer is complemented by individual expert training. Here we are working on continuously expanding our offering.

You have already completed basic and advanced training? Do you need more intensive training? Then contact us about our individual expert training courses. Our team will be happy to work out the right training for you.





# Digital training



## Digital training

Duration: Max. 1 hour per module

We are continuously expanding our range of training courses. All e-learning courses can be found at www.bauertrainingcenter.de.

## E-learning for equipment operators

For the preparation / follow-up of a training course, we have developed e-learning courses to deepen the particularly important topics concerning safety and the correct handling of the equipment.

E-learning enables you to learn in a self-determined manner without restrictions in terms of time and place.

#### Safety:

- Stability
- Formation level
- Rope technique

#### Equipment knowledge:

- Kelly drilling tools
- Kelly systems

#### Assistance systems:

- Bi-directional spoil discharge assistant
- One-directional spoil discharge assistant
- Crowd Plus
- Casing assistant
- Automatic mast alignment
- Basics of Soil Mechanics and Soil Investigation
- Soil Mixing Methods
- Drilling Methods

#### Other languages are possible after examination.

The modules can also be compiled according to your needs. Please contact us, we will be happy to prepare a customized offer for you.

## Next level operator training

Bauer Training Center already introduced the innovative "Next level operator training" at bauma 2022. Hybrid training: Direct visual and audio contact with the trainer via an internet connection. What does that mean?

- Software and data glasses are used to establish communication between the trainee and the trainer.
- The trainer sees what you see in real time and can give you instructions and explanations accordingly.
- Communication can be supported by displaying graphics, drawings, etc. in real time.
- With the data glasses solution, you keep both hands free to follow the trainer's instructions.
- Communication is also possible via mobile phone, tablet, etc.

Would this be of interest to you? Please contact us. The BTC team will be happy to answer any questions you may have. Further information is also available on our website at www.bauer-trainingcenter.de



**Digital training** 

### **Digital training**

## Simulation – Bauer Foundation Simulator (BFS)

#### **Realistic training**

Specialist foundation engineering is not only about operating heavy equipment, but also about precision and safety. The equipment operator must not only be able to operate their device, but also keep an eye on the process and workflows.

In order to provide practical training in these requirements for equipment operators, Bauer has developed a Bauer Foundation Simulator (BFS).

This has already been used for some time at the Bauer Training Center in theoretical as well as practical training courses for "Kelly drilling", the main method in specialist foundation engineering.

Meanwhile, more than 30 simulators are in use worldwide.

Due to the positive experience that Bauer has gained with this training method, we can now offer the simulation for the following methods:

- Kelly drilling method
- Continuous flight auger drilling method (CFA/CFFA)
- Grab method
- Pile driving method
- Diaphragm wall method/cutter (available from 10/2025)
- Smart Grab Control (available from 04/2025)

We also offer the Bauer Foundation Simulator (BFS) for our customers and service partners. You can choose between purchase or a rental option.

The BFS is available in two variants:



**Variant 1:** High-end solution with original cab hardware, flat screen and sound. The operator has the original experience of operating a drilling rig.

**Variant 2:** BFS-T – the mobile version. The hardware is designed for mobile use.





## Continuing training – safety pays off

The topic of safety is the top priority on sites. But only those who know their equipment and can operate it correctly are able to reduce the risk to people and machines to a minimum.

In addition to a significant increase in safety for construction site personnel, expensive equipment downtimes and repair costs can be reduced.

We have therefore tailored our training courses to the needs of equipment operators, mechanics and service personnel for all product lines such as **drilling rigs**, **pile driving equipment and piling leaders, mobile drilling rigs and duty-cycle cranes**.

The extensive theoretical knowledge that has been gained can also be deepened in practice on our own training grounds under expert guidance. The training, whether in theory or practice, is supported by the use of the Bauer Foundation Simulator. Here, training is provided in the various methods, using different equipment types under the experienced guidance of an expert.

## Structure of the equipment operator training

- Theory training in well-equipped seminar facilities
- Instruction in equipment knowledge, safety, operation, documentation and soil mechanics
- Use and support of the Bauer Foundation Simulator (BFS)
- Implementation of the training on our exceptional training grounds comprising over 6,000 square meters
- Training in safety in typical construction site situations
- Efficient handling of machines and assistants
- Use and support of the Bauer Foundation Simulator (BFS)
- Obtaining the operator's license "Certified operator for drilling rigs" and "Certified operator for pile driving equipment" or "Certified operator for duty-cycle cranes in the construction sector"
  - "ZUMBau" certified (since 2011)

THEORY

Duration: 4 days

#### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de

Fee per participant: EUR 2,100.00 plus VAT (max. 5 participants)

Objective:	The aim of teaching theoretical content and background information is to raise awareness of driving safety and increase the efficiency of equipment use. This in turn can increase production output. In addition, safety-related guidelines and knowledge of equipment technology and operation are taught to deepen safety awareness.
Target group:	Equipment operators, equipment instructors
Prior knowledge:	Professional experience with drilling rigs
Contents:	<ul> <li>Occupational safety</li> <li>Equipment knowledge</li> <li>Rig operation</li> <li>Equipment technology</li> <li>Drilling methods, tools and soil mechanics</li> <li>Equipment documentation</li> <li>Daily maintenance units</li> <li>Overview of assistance systems for Bauer drilling rigs</li> </ul>
Recommendation:	Regular refresher training every five years is recommended for all equipment operators and instructors.
Notes:	A learning objective test will take place at the end of the training course. This training course also serves as preparation for the exam

OT-BG Equipment operator training – Theory

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## OT-BG Equipment operator training – Practical training

to become a "Certified operator for drilling rigs".

Objective:	The practical training sessions on the training course at the BTC serve to increase driving safety and the efficiency of equipment use. Training sessions with the BFS simulator, in which practical knowledge of the most important processes is deepened, have a supportive effect.
Target group:	Equipment operators, equipment instructors
Prior knowledge:	Professional experience with drilling rigs
Contents:	<ul> <li>Occupational safety</li> <li>Work methods for large rotary drilling rigs</li> <li>Off-road driving exercises</li> <li>Driving on inclines</li> <li>Drilling operations, processes and tools</li> <li>Loading training</li> <li>Daily maintenance tasks</li> </ul>
Notes:	Please bring your PPE (helmet and protective footwear) for the practical training sessions. This training also serves as preparation for the "Certified Rotary Drilling Rig Operator" exam.

Duration: 4 days

#### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de

Fee per participant:

EUR 2,950.00 plus VAT (max. 5 participants)

•	OT-BG Equi	oment operator training – <i>Refresher</i>
Duration: Theory part: 2 days Practical part: 2 days Date(s): You can find current dates on our website	Objective:	Equipment operators/machine instructors who already have extensive experience have the opportunity here to deepen their knowledge in the areas listed below and to gain new technical insights. The content is taught in theory and in practice with the support of training units on our BFS simulator.
at www.bauer- trainingcenter.de	Target group:	Equipment operators, equipment instructors
Fee per participant:	Prior knowledge:	Extensive professional experience
EUR 2,950.00 plus VAT (max. 5 participants)	Contents:	Theory         • Occupational safety         • Equipment technology         • Drilling tools         • Daily maintenance tasks         Practical training         • Occupational safety         • Work methods for large rotary drilling rigs         • Drilling operations, processes and tools         • Loading training         • Daily maintenance tasks
	Recommendation:	Regular refresher training every five years is recommended for all equipment operators and instructors.
	Notes:	Please bring your PPE (helmet and protective footwear) for the practical training sessions. This training also serves as preparation for the "Certified Rotary Drilling Rig Operator" exam.

#### Duration:

Theory part: 0.5 days Practical part: 0.5 days

#### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de

Fee per participant:

EUR 1,500.00 plus VAT (incl. entry in the ZUMBau central register plus VAT)

OT-BG Certified operator for drilling rigs
(operator license test ZUMBau)

Objective:	You will receive a standardized certificate of your qualification as an equipment operator to fulfil national safety standards. The Bauer Training Center has been an authorized examination center of the ZUMBau (www.ZUMBAU.org) in this segment since 2011.
Prior knowledge:	<ul> <li>German language skills</li> <li>Professional experience in specialist foundation engineering</li> </ul>
Contents:	<ul> <li>Theory exam</li> <li>Occupational safety</li> <li>Work theory</li> <li>Construction equipment theory</li> <li>Work methods with drilling rig</li> <li>Process and tool technology</li> <li>Maintaining operational readiness</li> </ul> Practical exam: <ul> <li>Occupational safety</li> <li>Work methods</li> <li>Constructing a borehole</li> <li>Installation of king piles and backfill process for a borehole</li> <li>Moving a drilling rig to a higher working platform</li> <li>Dismantling/erecting the equipment and loading/unloading to/from transport vehicle</li> </ul>
Recommendation:	We recommend participating in the OT-BG Equipment operator training course, both theory and practice.

• — — — — — — — — — — — — — — — — — — —	B 3-1 Basic	training electrics/electronics for mechanics
Duration:	<b>•</b> ••••••	
2 days	Objective:	You will gain thorough knowledge about the drilling rigs in the specialist skills electrics/electronics. This makes it possible to
Date(s): You can find current		shorten downtimes and reduce costs.
dates on our website	Target group:	Service personnel, qualified equipment operators and mechanics
trainingcenter.de or on request	Prior knowledge:	Technical equipment knowledge
	Contents:	<ul> <li>Basics of electrical engineering</li> </ul>
Fee per participant: EUR 1,050.00		<ul> <li>Handling of measuring and testing equipment</li> <li>Digital and analog sensors</li> </ul>
plus VAT		<ul> <li>Visualization systems</li> </ul>
(min. 5 participants)		<ul> <li>Working with electrical circuit diagrams</li> </ul>
		<ul> <li>Structured approach to troubleshooting</li> <li>Measurement exercises</li> </ul>
	Notes:	With this training course, a learning objective test will take place at the end.

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## Duration:

2 days

#### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de or on request

Fee per participant:

EUR 1,050.00 plus VAT (min. 5 participants)

## B 4-1 Basic training hydraulics for mechanics

Objective:	You will receive basic knowledge about the function of hydraulics on various Bauer base carriers.	
Target group:	Service personnel, qualified equipment operators and mechanics	
Prior knowledge:	Technical equipment knowledge	
Contents:	<ul> <li>Basics of hydraulics</li> <li>Hydraulic circuits</li> <li>Hydraulic components of open circuits</li> <li>Hose lines</li> <li>Hydraulic circuit diagrams/symbols</li> </ul>	
Notes:	With this training course, a learning objective test will take place at the end.	

Duration: 2 days

#### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de or on request

Fee per participant:

EUR 1,050.00 plus VAT (min. 5 participants)

B 3-2 Advanced training electrics/electronics
for mechanics

Objective:	You will gain thorough knowledge about the drilling rigs in the specialist skills electrics/electronics. This makes it possible to shorten downtimes and reduce costs.	
Target group:	Service personnel, qualified equipment operators and mechanics	
Prior knowledge:	Basic knowledge of electrics/electronics	
Contents:	<ul> <li>Knowledge of electrical controls</li> <li>Knowledge of modules and functional groups</li> <li>CAN bus network</li> <li>CAN bus components</li> <li>Screens, monitor systems and keyboards</li> <li>Advanced troubleshooting with the help of the B-Tronic system</li> <li>Measurement exercises</li> </ul>	
Notes:	With this training course, a learning objective test will take place at the end.	

B 4-2 Advanced training hydraulics for mechanics	
Objective:	You will gain thorough knowledge about the hydraulics/drive technology used and the hydraulic system controls in the drilling
	rigs.
Target group:	Service personnel, qualified equipment operators and mechanics
larget group.	
Prior knowledge:	Basic knowledge of hydraulics
Contents:	<ul> <li>Valves</li> </ul>
••••••	<ul> <li>Axial piston units</li> </ul>
	EEP – Energy Efficiency Power
	<ul> <li>GLR – Limit load control</li> </ul>
	<ul> <li>Hoisting winch with freewheel and free-fall</li> </ul>
	Hoisting winch in closed circuit
	<ul> <li>Cooling systems</li> </ul>
Notes:	With this training course, a learning objective test will take place at the end.
	Objective: Target group: Prior knowledge: Contents:



• — — — — — — — — — — — — — — — — — — —	OT-RG Equi	pment operator training – <i>Theory</i>
Duration:		
3.5 days	Objective:	The aim of teaching theoretical content and background information
Data(a)		is to raise awareness of driving safety and increase the efficiency
Date(s): You can find current		of equipment use. This in turn can increase production output. In addition, safety-related guidelines and knowledge of equipment
dates on our website		technology and operation are taught to deepen safety awareness.
at www.bauer-		
trainingcenter.de or	Target group:	Equipment operators, equipment instructors
on request		
	Prior knowledge:	Professional experience with RG pile driving equipment
Fee per participant: EUR 2,100.00	Contents:	<ul> <li>Occupational safety</li> </ul>
plus VAT	Contents.	Equipment knowledge
(max. 5 participants)		Rig operation
(		Equipment technology
		<ul> <li>Pile driving methods, tools and soil mechanics</li> </ul>
		Equipment documentation
		<ul> <li>Daily maintenance tasks</li> </ul>
	Notes:	A learning objective test will take place at the end of the training course. This training course also serves as preparation for the exam to become a "Certified operator for pile driving equipment".

Duration: 3.5 days

#### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de or on request

Fee per participant:

EUR 2,950.00 plus VAT (max. 5 participants)

Objective:	The practical training sessions on the training course at the BTC serve to increase driving safety and the efficiency of equipment use. Training sessions with the BFS simulator, in which practical knowledge of the most important processes is deepened, have a supportive effect.	
Target group:	Equipment operators, equipment instructors	
Prior knowledge:	Professional experience with pile driving equipment	
Contents:	<ul> <li>Occupational safety</li> <li>Work methods for pile driving equipment</li> <li>Off-road driving exercises</li> <li>Driving on inclines</li> <li>Pile driving operations, processes, tools</li> <li>Loading training</li> <li>Daily maintenance tasks</li> </ul>	
Notes:	Please bring your PPE (helmet and protective shoes) for the practical training units.	
	This training course also serves as preparation for the exam to become a "Certified operator for pile driving equipment".	

• —	Certified ope	erator for pile driving equipment
Duration: Theory part: 0.5 days Practical part: 0.5 days Date(s): You can find current dates on our website at www.bauer- trainingcenter.de or on request Fee per participant: EUR 1,500.00 plus VAT (incl. entry in the ZUMBau central register plus VAT)	Objective:	You will receive a standardized certificate of your qualification as an equipment operator to fulfil national safety standards. The Bauer Training Center has been an authorized examination center of the ZUMBau (www.ZUMBAU.org) in this segment since 2011.
	Prior knowledge:	<ul> <li>German language skills</li> <li>Professional experience in specialist foundation engineering</li> </ul>
	Contents:	<ul> <li><u>Theory exam</u></li> <li>Occupational safety</li> <li>Work theory</li> <li>Construction equipment theory</li> <li>Work methods with pile driving equipment</li> <li>Process and tool technology</li> <li>Maintaining operational readiness</li> </ul> <u>Practical exam:</u> <ul> <li>Occupational safety</li> <li>Work methods</li> <li>Installation and vibration driving of pile driving elements</li> <li>Pulling and dismantling of pile driving elements</li> <li>Moving the pile driving equipment to a higher working platform</li> <li>Dismantling/erecting the equipment and loading/unloading to/from transport vehicle</li> </ul>
	Recommendation:	We recommend participating in the OT-RG Equipment operator training course, both theory and practice.
	Notes:	Please bring your PPE (helmet and protective shoes) for the practical training units.

Duration: 2 days

#### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de or on request

Fee per participant:

EUR 1,050.00 plus VAT (min. 5 participants)

Objective:	You will gain thorough knowledge about pile driving equipment in the specialist skills electrics/electronics. This makes it possible to shorten downtimes and reduce costs.
Target group:	Service personnel, qualified equipment operators and mechanics
Prior knowledge:	Technical equipment knowledge
Contents:	<ul> <li>Basics of electrical engineering</li> <li>Handling of measuring and testing equipment</li> <li>Digital and analog sensors</li> <li>Visualization systems</li> <li>Working with electrical circuit diagrams</li> <li>Structured approach to troubleshooting</li> <li>Measurement exercises</li> </ul>
Notes:	With this training course, a learning objective test will take place at

R 3-1 Basic training electrics/electronics for mechanics

#### Duration: 2 days

#### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de or on request

#### Fee per participant:

EUR 1,050.00 plus VAT (min. 5 participants)

## R 4-1 Basic training hydraulics for mechanics

the end.

Objective:	You will receive basic knowledge about the function of hydraulics on various Bauer base carriers.
Target group:	Service personnel, qualified equipment operators and mechanics
Prior knowledge:	Technical equipment knowledge
Contents:	<ul> <li>Basics of hydraulics</li> <li>Hydraulic circuits</li> <li>Hydraulic components of open circuits</li> <li>Hose lines</li> <li>Hydraulic circuit diagrams/symbols</li> </ul>
Notes:	With this training course, a learning objective test will take place at the end.

e	R 3-2 Advar	nced training electrics/electronics
Duration: 2 days	for mechanic	CS
Date(s): You can find current dates on our website at www.bauer-	Objective:	You will gain thorough knowledge about pile driving equipment in the specialist skills electrics/electronics. This makes it possible to shorten downtimes and reduce costs.
trainingcenter.de or on request	Target group:	Service personnel, qualified equipment operators and mechanics
·	Prior knowledge:	Basic knowledge of electrics/electronics
Fee per participant: EUR 1,050.00 plus VAT (min. 5 participants)	Contents:	<ul> <li>Knowledge of electrical controls</li> <li>Knowledge of modules and functional groups</li> <li>CAN bus network</li> <li>CAN bus components</li> <li>Screens, monitor systems and keyboards</li> <li>Advanced troubleshooting with the help of the B-Tronic system</li> <li>Measurement exercises</li> </ul>
	Notes:	With this training course, a learning objective test will take place at the end.

Duration: 2 days

#### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de or on request

#### Fee per participant:

EUR 1,050.00 plus VAT (min. 5 participants)

## R 4-2 Advanced training hydraulics for mechanics

Objective:	You will gain thorough knowledge about the hydraulics/drive technology applied and the hydraulic system controls in the pile driving equipment.
Target group:	Service personnel, qualified equipment operators and mechanics
Prior knowledge:	Basic knowledge of hydraulics
Contents:	<ul> <li>Valves</li> <li>Axial piston units</li> <li>EEP – Energy Efficiency Power</li> <li>GLR – Limit load control</li> <li>Hoisting winch with freewheel and free-fall</li> <li>Hoisting winch in closed circuit</li> <li>Cooling systems</li> </ul>
Notes:	With this training course, a learning objective test will take place at the end.

#### OT-MC Equipment operator training duty-cycle cranes in the construction sector – Theory **Duration:** 3.5 days Objective: The aim of teaching theoretical content and background information Date(s): is to raise awareness of driving safety and increase the efficiency You can find current of equipment use. This in turn can increase production output. In dates on our website addition, safety-related guidelines and knowledge of equipment at www.bauertechnology and operation are taught to deepen safety awareness. trainingcenter.de or on request Target group: Equipment operators, equipment instructors Fee per participant: Prior knowledge: Professional experience with duty-cycle crane MC EUR 2,100.00 plus VAT (max. 5 participants) Contents: Occupational safety Equipment knowledge Rig operation Equipment technology Applications Equipment documentation Daily maintenance tasks Notes: A learning objective test will take place at the end of the training course. This training course also serves as preparation for the exam to become a "Certified operator for duty-cycle cranes in the construction sector".

Duration: 3.5 days

#### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de or on request

#### Fee:

EUR 2,950.00 plus VAT (max. 5 participants)

## OT-MC Equipment operator training – Practical training

Objective:	The practical training sessions on the training course at the BTC serve to increase driving safety and the efficiency of equipment use. Training sessions with the BFS simulator, in which practical knowledge of the most important processes is deepened, have a supportive effect.
Target group:	Equipment operators, equipment instructors
Prior knowledge:	Professional experience with duty-cycle crane MC
Contents:	<ul> <li>Occupational safety and techniques for duty-cycle cranes</li> <li>Off-road driving exercises and driving on inclines</li> <li>Using duty-cycle cranes with lifting gear and in free-fall operation</li> <li>Daily changeover and maintenance work</li> </ul>
Notes:	Please bring your PPE (helmet and protective shoes) for the practical training units. This training course also serves as preparation for the exam to become a "Certified operator for duty-cycle cranes in the construction sector".



Duration:

Theory part: 0.5 days Practical part: 0.5 days

#### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de or on request

Fee per participant:

EUR 1,500.00 plus VAT (incl. entry in the ZUMBau central register plus VAT)

Certified operator for duty-cycle cranes in the
construction sector (operator's license exam ZUMBau)

Objective:	You will receive a standardized certificate of your qualification as an equipment operator to fulfil national safety standards. The Bauer Training Center has been an authorized examination center of the ZUMBau (www.ZUMBAU.org) in this segment since 2011.
Prior knowledge:	<ul> <li>German language skills</li> <li>Professional experience in specialist foundation engineering</li> </ul>
Contents:	Theory exam         • Occupational safety         • Work theory         • Construction equipment theory         • Work methods         • Setup for accommodating loads         • Maintaining operational readiness         Practical exam:         • Occupational safety         • Work methods         • Work methods         • Working with lifting gear         • Retrofitting         • Working in free-fall operation
Recommendation:	We recommend participating in the OT-MC Equipment operator training course, both theory and practice.
Notes:	Please bring your PPE (helmet and protective shoes) for the practical training units.

Duration:	
2 days	
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#### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de or on request

Fee per participant: EUR 1,050.00 plus VAT

plus VAI (min. 5 participants)

Objective:	You will obtain basic knowledge about duty-cycle cranes in the specialist skills electrics/electronics. This makes it possible to shorten downtimes and reduce costs.
Target group:	Service personnel, qualified equipment operators and mechanics
Prior knowledge:	Technical equipment knowledge
Contents:	<ul> <li>Basics of electrical engineering</li> <li>Handling of measuring and testing equipment</li> <li>Digital and analog sensors</li> <li>Visualization systems</li> <li>Working with electrical circuit diagrams</li> <li>Structured approach to troubleshooting</li> <li>Measurement exercises</li> </ul>
Notes:	With this training course, a learning objective test will take place at the end.

Duration: 2 days

#### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de or on request

Fee per participant: EUR 1,050.00 plus VAT (min. 5 participants)

## M 4-1 Basic training hydraulics for mechanics

Objective:	You will receive basic knowledge about the function of hydraulics on Bauer duty-cycle crans.
Target group:	Service personnel, qualified equipment operators and mechanics
Prior knowledge:	Technical equipment knowledge
Contents:	<ul> <li>Basics of hydraulics</li> <li>Hydraulic circuits</li> <li>Hydraulic components of open circuits</li> <li>Hose lines</li> <li>Hydraulic circuit diagrams/symbols</li> </ul>
Notes:	With this training course, a learning objective test will take place at the end.

Duration: 2 days

#### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de or on request

#### Fee per participant:

EUR 1,050.00 plus VAT (min. 5 participants)

# M 3-2 Advanced training electrics/electronics for mechanics

Objective:	You will gain thorough knowledge about duty-cycle cranes in the specialist skills electrics/electronics. This makes it possible to shorten downtimes and reduce costs.
Target group:	Service personnel, qualified equipment operators and mechanics
Prior knowledge:	Basic knowledge of electrics/electronics
Contents:	<ul> <li>Knowledge of electrical controls</li> <li>Knowledge of modules and functional groups</li> <li>CAN bus network</li> <li>CAN bus components</li> <li>Screens, monitor systems and keyboards</li> <li>Advanced troubleshooting with the help of the B-Tronic system</li> <li>Measurement exercises</li> </ul>
Notes:	With this training course, a learning objective test will take place at the end.

Duration:
2 days

2 days

#### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de or on request

Fee per participant: EUR 1,050.00

plus VAT (min. 5 participants)

## M 4-2 Advanced training hydraulics for mechanics

Objective:	You will gain thorough knowledge about the hydraulics/drive technology used and the hydraulic system controls in the duty-cycle crane.
Target group:	Service personnel, qualified equipment operators and mechanics
Prior knowledge:	Basic knowledge of hydraulics
Contents:	<ul> <li>Valves</li> <li>Axial piston units</li> <li>EEP – Energy Efficiency Power</li> <li>GLR – Limit load control</li> <li>Hoisting winch with freewheel and free-fall</li> <li>Hoisting winch in closed circuit</li> <li>Cooling systems</li> </ul>
Notes:	With this training course, a learning objective test will take place at the end.

Duration: 4 days

#### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de or on request

Fee per participant: EUR 2,500.00

plus VAT (max. 5 participants)

## OT-SGC Equipment operator training Smart Grab Control

Objective:	You will receive a practical introduction to the functioning of the "Smart Grab Control" assistance system for use on MC duty-cycle cranes.
Target group:	Equipment operators, equipment instructors, foremen
Prior knowledge:	Professional experience in diaphragm wall technology
Contents:	<ul> <li>The mechanical diaphragm walling grab</li> <li>Erection/dismantling of the machine unit with SGC</li> <li>Introduction to the Smart Grab Control system</li> <li>Working with the SGC system in the diaphragm wall lamella</li> <li>Execution of diaphragm wall work/diaphragm wall technology</li> </ul>
Notes:	For the practical part on our training course, your PPE (personal protective equipment) is required.
## Product line Duty-cycle cranes

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Duration: 4.5 days

### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de or on request

Fee per participant: EUR 2,100.00

plus VAT

## OT-SF Working with the cutter and grab system – Theory

Objective:	You will learn how to safely handle a base carrier that has been converted for grabbing or cutting operation. By having a comprehensive understanding of the construction process of a "diaphragm wall", you can increase the effectiveness of your equipment use.
Target group:	Equipment operators, equipment instructors, foremen
Prior knowledge:	First experiences in diaphragm wall technology with Bauer equipment
Contents:	<ul> <li>Cutter/grab construction sites in general</li> <li>Specialist knowledge of diaphragm wall equipment</li> <li>Trench cutter</li> <li>Diaphragm walling grab</li> <li>Hose drum system</li> <li>Mixing and separation technology of the slurries</li> <li>Construction technology BT laboratory</li> <li>Quality assurance through data recording</li> <li>Equipment documentation</li> </ul>

Work methods

## Product line Duty-cycle cranes



Duration: 1 day

### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de or on request

Fee per participant: on request

(min. 5 participants)

Assembling/Disassembling of duty-cycle crane	
MC 76/MC 86/MC 96	

Objective:	You will learn how to safely erect/dismantle the duty-cycle crane, taking into account the operating instructions and local safety regulations in order to be able to carry out safe assembly work on your own responsibility.	
Target group:	Equipment operators	
Prior knowledge:	Construction site experience in handling duty-cycle cranes	
Contents:	Theory • Occupational safety • Stability • Cables and attachments • Load moment limitation • Accommodating loads using cables • Equipment documentation	
	<ul> <li>Practical training</li> <li>Occupational safety when handling the duty-cycle crane</li> <li>Erection and dismantling of the duty-cycle crane in accordance with the equipment documentation</li> </ul>	
Notes:	In conjunction with the MC 128 cable excavator assembly/ disassembly training, the training lasts two days. Please bring	

footwear) for the practical training sessions.

your personal protective equipment (PPE) (helmet and protective

# Product line Duty-cycle cranes

e	Assembling,	Disassembling duty-cycle crane MC 128
Duration: 1 day Date(s): You can find current dates on our website	Objective:	You will learn how to safely erect/dismantle the duty-cycle crane, taking into account the operating instructions and local safety regulations in order to be able to carry out safe assembly work on your own responsibility.
at www.bauer- trainingcenter.de or	Target group:	Equipment operators
on request	Prior knowledge:	Construction site experience in handling duty-cycle cranes
Fee per participant: on request (min. 5 participants)	Contents:	<u>Theory</u> • Occupational safety • Stability • Cables and attachments • Load moment limitation • Accommodating loads using cables • Equipment documentation
		<ul> <li><u>Practical training</u></li> <li>Occupational safety when handling the duty-cycle crane</li> <li>Erection and dismantling of the duty-cycle crane in accordance with the equipment documentation</li> </ul>
	Notes:	In conjunction with the duty-cycle crane erection/dismantling training MC 76/MC 86/MC96, the training duration is 2 days. Please bring your PPE (helmet and protective shoes) for the practical training units.



# **Product line** Mobile rigs



# Product line Mobile rigs

•	OT-RB Equip	oment operator training Mobile rigs
Duration:		
4 days	Objective:	The aim of teaching theoretical content and background information is to raise awareness of driving safety and increase the efficiency of
Date(s):		equipment use. This in turn can increase production output. In addition,
You can find current		safety-related guidelines and knowledge of equipment technology and
dates on our website		operation are taught to deepen safety awareness.
at www.bauer-		
trainingcenter.de or	Target group:	Equipment operators, equipment instructors
on request		
	Prior knowledge:	Knowledge of well drilling or exploratory drilling desirable
Fee per participant:	<b>•</b> • •	-
EUR 2,100.00	Contents:	Theory:
plus VAT		Occupational safety
		<ul> <li>Work methods for well or exploration drilling rigs</li> <li>Drilling methods and approximated drilling tools</li> </ul>
		<ul> <li>Drilling methods and associated drilling tools</li> <li>Drilling methods for sample collection</li> </ul>
		<ul> <li>Drilling methods for sample collection</li> <li>Drilling fluid and its preparation</li> </ul>
		<ul> <li>Driving huid and its preparation</li> <li>Documentation and logging of drilling work</li> </ul>
		<ul> <li>Creation of a drilling log</li> </ul>
		<ul> <li>Daily maintenance tasks</li> </ul>
-		

## Product line Mobile rigs

### Duration: 2 days

### Date(s):

You can find current dates on our website at www.bauertrainingcenter.de or on request

Fee per participant: EUR 1,050.00 plus VAT

(min. 5 participants)

Objective:	You will obtain basic knowledge of RB mobile drilling rigs in the specialist skills electrics/electronics. With this knowledge, you can shorten downtimes and reduce costs.
Target group:	Mechanics, service personnel
Prior knowledge:	Mechanical engineering understanding
Contents:	<ul> <li>Basics of electrics/electronics</li> <li>Working with electrical circuit diagrams</li> <li>Handling of measuring and testing equipment</li> <li>B-Tronic screen</li> <li>Structured approach to troubleshooting</li> <li>Daily maintenance tasks</li> </ul>
Notes:	At the end of this training, a learning objective assessment will take place.

**RB 3-1 Basic training electrics/electronics** 

for mechanics

# Product line Mobile rigs

•	RB 4-1 Basi	c tra
Duration:	Ohisati	Maria
2 days	Objective:	You spec
Date(s):		dow
You can find current		
dates on our website	Target group:	Mec
at www.bauer-		
trainingcenter.de or	Prior knowledge:	Mec
on request		-
	Contents:	■ Ba
Fee per participant:		■ Hy
EUR 1,050.00		■ Hy
plus VAT		<ul> <li>Clo</li> </ul>
(min. 5 participants)		<ul> <li>Str</li> </ul>
		Da

# RB 4-1 Basic training hydraulics for mechanics

Objective:	You will obtain basic knowledge of RB mobile drilling rigs in the specialist skills hydraulics. With this knowledge, you can shorten downtimes and reduce costs.	
Target group:	Mechanics, service personnel	
Prior knowledge:	Mechanical engineering understanding	
Contents:	<ul> <li>Basics of hydraulics</li> <li>Hydraulic circuit diagrams</li> <li>Hydraulic components</li> <li>Closed hydraulic circuit</li> <li>Structured approach to troubleshooting</li> <li>Daily maintenance tasks</li> </ul>	
Notes:	At the end of this training, a learning objective assessment will take place.	

# Product line Anchor drilling rigs

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## Product line Anchor drilling rigs

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Duration:	drilling rig
according to the	
arrangement	
	Objective:
Date(s):	
on request	
Fee per participant:	Target group:
on request	
(min. 5 participants)	Prior knowled
Location:	Contents:
	Contents.
The training takes place on the premises	
of KLEMM Bohrtechnik	
GmbH.	

# OT-KR Equipment operator for universal and anchor drilling rigs

Objective:	You will receive practical instruction on how to use the drill rig safely, as well as an insight into the essential functions and settings.
Target group:	Equipment operators, maintenance personnel
Prior knowledge:	Technical equipment knowledge
Contents:	<u>Theory and practice:</u> The content is individually coordinated with the customer. • Occupational safety • Stability of the machine • Rig operation • Equipment technology • Functions of hydraulic/electrical components • Daily maintenance tasks
Notes:	Please bring your PPE (helmet and protective shoes) for the practical

training units.

Duration: according to the arrangement

Date(s): on request

Fee per participant: on request (min. 4 participants)

Location:

The training takes place on the premises of KLEMM Bohrtechnik GmbH.

## KR Basic training for mechanics for anchor drilling rigs

Objective:	You will receive basic knowledge of the Klemm drilling rigs in the specialist skills electrics/electronics/hydraulics and maintenance. This can reduce repair downtime and costs.
Target group:	Service mechanics, customer service and maintenance personnel, qualified equipment operators with experience in repair work
Prior knowledge:	Technical equipment knowledge
Contents:	<ul> <li><u>Theory and practice:</u></li> <li>The content is individually coordinated with the customer.</li> <li>Safety (HSE, EN 16228)</li> <li>Basics of hydraulics</li> <li>Basics of electrical engineering</li> <li>Hydraulic/electrical circuits, components, circuit signs and wiring diagrams</li> <li>Structured approach to troubleshooting</li> </ul>

Maintaining operational readiness

# **Product line** Separation, mixing and pumping technology



## Product line Separation, mixing and pumping technology

Duration: 2 days

Date(s): on request

Fee per participant: on request (max. 5 participants)

#### Location:

The training takes place in Immenstadt, Germany, on the premises of BAUER MAT Slurry Handling Systems.

OT-MT Slurry in specialist foundation engineering –
Mixing, injecting and separating slurries in specialist
foundation engineering

Objective:	You will gain technical understanding of the interaction of different process engineering techniques and systems in specialist foundation engineering. As a result, you will expand your basic knowledge for practical application on the construction site.		
Target group:	Equipment operators, site managers, project managers		
Prior knowledge:	Basic technical understanding		
Contents:	Theory• Colloidal mixing of slurries• Injection of slurries• Separation of slurries• Occupational safety during injection work• Quality assurance• Slurry calculationPractical training• Mixing, pumping and separation technology• Maintaining operational readiness		
Notes:	Please bring your PPE (helmet and protective shoes) for the practical training units.		

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## MT Basic training maintenance/service of mixers

Duration: **Objective:** You will learn to explain the function, maintenance and repair of 1 day mixer technology in the mechanical plant area so that it can be put into practice. Date(s): on request Target group: Service partners, service technicians Fee per participant: on request Contents: Theory (max. 10 participants) Service, maintenance and care in mechanics Basic structure Basics of control: Operation and logic Location: Drive systems The training takes place in Immenstadt, Germany, on the Practical training premises of BAUER Repair or replacement of spare and wear parts MAT Slurry Handling Fault analysis Systems. Process engineering Notes: Please bring your PPE (helmet and protective shoes) for the

practical training units.





Duration: 1 day

Date(s): on request

Fee per participant: EUR 550.00 plus VAT (max. 5 participants)

# Drilling method/soil mixing

Objective:	You will gain insights into the methods that can be implemented with Bauer equipment. This improves the range of applications and the quality of the work to be carried out.		
Target group:	Equipment operators, equipment instructors		
Prior knowledge:	Professional experience		
Contents:	<ul> <li><u>Theory</u></li> <li>The differences in drilling methods and soil mixing techniques are explained and the necessary attachments are discussed.</li> <li>Kelly drilling</li> <li>Continuous flight auger piles (CFA)</li> <li>Soil mixing techniques</li> </ul>		

Cutter soil mixing (CSM)

Duration: 1 day

Date(s): on request

Fee per participant: EUR 700.00 plus VAT (max. 5 participants)

# Drilling method SOB/CFA

Objective:	You will learn all about installing a CFA pile with Bauer drilling rigs and optimal drilling equipment. This results in the efficient use of the CFA drilling equipment and an improvement in the quality of the work carried out.		
Target group:	Foremen, equipment operators, site managers		
Prior knowledge	Basic knowledge of equipment and application techniques in the Kelly drilling method		
Contents:	<ul> <li><u>Theory</u></li> <li>Equipment knowledge (drilling rig with complete CFA equipment, concrete pump with concreting line)</li> <li>General safety (stability incl. formation level)</li> <li>Measuring technology and assistants</li> <li>Data recording, data evaluation I-drill string</li> <li>Savings potential in concrete consumption</li> <li>Potential savings in diesel consumption through the EEP (Energy Efficiency Package) assistant</li> <li><u>Practical training</u></li> <li>Erection/installation of CFA equipment</li> <li>Installation of CFA Kelly bar</li> <li>Special drilling tools</li> <li>Operation of data recording</li> </ul>		
Notes:	Does not include data evaluation with B-Report. Please bring your PPE (helmet and protective shoes) for the practical training units.		

Duration: 3 days

Date(s): on request

Fee per participant: EUR 1,200.00 plus VAT (max. 5 participants)

## Soil mixing/CSM

Objective:	You will receive an overview of the technical equipment for the Cutter Soil Mixing method. This results in the efficient use of the CSM drilling equipment and an improvement in the quality of the work to be carried out.		
Target group:	Foremen, equipment operators, site managers		
Prior knowledge:	Basic equipment knowledge		
Contents:	<u>Theory</u> • Equipment knowledge • CSM method • General safety • Stability incl. formation level		

- Measurement technology for CSM method
- Data recording, data evaluation



## Training of service partners of BAUER Maschinen GmbH

The Bauer Training Center, in cooperation with BAUER Maschinen GmbH, Parts & Service, offers a coordinated training program for service partners as part of the audit.

The uniform program for all service partners ensures competence and knowledge worldwide. The customer can rely on high-quality trained partners of the BAUER Group who will implement the construction site service promptly and efficiently.

The training plan consists of different training modules that are coordinated with each other (basic and advanced training courses). The seminars are offered for all products of the BAUER Maschinen Group: BG drilling rigs/RG pile driving equipment and MC duty-cycle cranes. An assessment process is used to put together the best training program for the service partner.



•	SP I – Service partner basic training	
Duration:		
4 days	Objective:	You will be able to read technical documentation such as hydraulic diagrams, recognize the symbols and circuit symbols and become
Date(s):		familiar with the functions and basic structure of Bauer equipment.
You can find current		This makes it possible to shorten downtimes and reduce costs.
dates on our website		
at www.bauer- trainingcenter.de or	Target group:	Service technicians and mechanics of service partners of BAUER Maschinen GmbH
on request	<b>•</b> • •	
	Contents:	<ul> <li>Basics of electrical engineering with circuit symbols</li> <li>Basics of hydraulics</li> </ul>
Fee per participant:		<ul> <li>Digital and analog sensor signals</li> </ul>
EUR 2,100.00		<ul> <li>Visualization systems B-Tronic</li> </ul>
plus VAT		<ul> <li>Working with technical documents</li> </ul>
(min. 5 participants)		<ul> <li>Bauer drilling rigs overview</li> </ul>
	Notes:	With this training course, a learning objective test will take place at the end.

e	SP II – Servi	ce partner advanced training
Duration:		
4 days	Objective:	You will be able to read technical documentation such as hydraulic
Date(s):		diagrams, use technical documentation when troubleshooting faults, and learn about system settings and working with the visualization
You can find current		systems on Bauer equipment. This makes it possible to shorten
dates on our website		downtimes and reduce costs.
at www.bauer-	<b>_</b>	
trainingcenter.de or	Target group:	Service technicians and mechanics of service partners of BAUER Maschinen GmbH
on request		Maschinen Gribh
Fee per participant:	Prior knowledge:	SP I Basic training
EUR 2,100.00		
plus VAT	Contents:	<ul> <li>Measuring electrical values in Bauer equipment</li> </ul>
(min. 5 participants)		Sensors in Bauer equipment     Basics of the CAN bus system
		<ul> <li>Basics of the CAN bus system</li> <li>CAN bus components</li> </ul>
		<ul> <li>Using visualization systems as a diagnostic tool</li> </ul>
		B-Tronic
		<ul> <li>Control elements in the operator's cab</li> </ul>
		<ul> <li>Working with technical documents</li> </ul>
		<ul> <li>Hydraulic pumps in Bauer equipment</li> </ul>
		<ul> <li>EEP technology hydraulics</li> </ul>
		Limit load control
		<ul> <li>Free-fall and freewheel hoists in open circuits</li> </ul>
		<ul> <li>Hoists in closed circuits</li> <li>Hydraulic cooling systems</li> </ul>
		Attachment units: KDK
	Notes:	With this training course, a learning objective test will take place at
		the end.

Duration: 4 days	SP IV – Service partner pile driving equipment basic training		
Date(s): You can find current dates on our website at www.bauer- trainingcenter.de or on request	Objective:	You will be able to read technical documentation such as hydraulic diagrams, recognize the symbols and circuit symbols and learn to recognize and name important information on equipment stability and equipment components. You will become familiar with the functionality and basic design of the RTG pile driving equipment series. This makes it possible to shorten downtimes and reduce costs.	
Fee per participant: EUR 2,700.00 plus VAT	Target group:	Service technicians and mechanics of service partners of BAUER Maschinen GmbH	
(min. 5 participants)	Contents:	<ul> <li>Basics of electrical engineering with circuit symbols</li> <li>Basics of hydraulics</li> <li>Digital and analog sensor signals</li> <li>Visualization systems B-Tronic etc.</li> <li>Working with technical documents</li> <li>RTG pile driving equipment overview</li> <li>Vibrator overview</li> </ul>	
	Notes:	With this training course, a learning objective test will take place at the end.	

Duration: 2 days

Date(s):

You can find current dates on our website at www.bauertrainingcenter.de or on request

Fee per participant: EUR 1,680.00 plus VAT

(min. 5 participants)

# SP VII – Service laptop

Objective:	You will have the opportunity to get to know the service laptop and use it independently. This allows you to reduce downtimes or monitor failures as well as reduce spare parts costs by minimizing your own stock.	
Target group:	Service partners of BAUER Maschinen GmbH in the service area, employees of the BAUER Group	
Prior knowledge:	Basic training SP I and advanced training SP II, experience with Bauer equipment	
Contents:	<ul> <li>Operation of the service laptop</li> <li>Possible applications on construction sites, in the workshop and in the office</li> <li>Programming software Winflash, ITR, Bacom, B-Tronic, PVT- transfer, Linux/Umbunto systems, ConDock. Pcan View, MCM Utility</li> <li>Carrying out program updates on B-Tronic systems</li> <li>ESX controllers and screen variants, working with Winzip, 7z.</li> <li>Feedback loading computer BMA-Flash Report</li> <li>Keyboard addressing and labels</li> <li>Practical exercises</li> <li>Working with the BAUER Customer Center and the equipment software download</li> </ul>	
Notes:	With this training course, a learning objective test will take place at the end. Due to the hardware required, which is very extensive, the training can only be carried out in Schrobenhausen (Germany), Conroe (USA) or Malaysia.	

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Duration: 1 day

Date(s): on request

Fee per participant: on request (max. 5 participants)

# CAN bus analyzer

Objective:	You will receive basic knowledge about the CAN bus structure as well as the opportunity to get to know and use the CAN bus analyzer. This makes it possible to shorten downtimes and reduce costs.	
Target group:	Service partners and subsidiaries of BAUER Maschinen GmbH in the service and repair area, employees of the BAUER Group	
Prior knowledge:	Prior participation in the Bauer service laptop training, access to the Bauer CustomerCenter with a Bauer e-mail address	
Contents:	<ul> <li>Basic operation of the CAN bus analyzer</li> <li>Measurement of bus levels</li> <li>Importing template files</li> <li>Subscriber measurement on CAN bus and CAN open networks</li> <li>Recording subscriber measurements</li> <li>Receiving messages with symbolic decoding</li> <li>Exporting measurements on the service laptop and generating logs</li> </ul>	
Notes:	For training courses that do not take place in Schrobenhausen, you must have your own measuring equipment (CAN analyzer and Bauer device) due to the necessary practical component.	

e	Training to	become a qualified equipment instructor/
Duration: See chart	commissio	ner
Date(s): After creation of a personal training plan Fee per participant:	Objective:	You will receive the necessary knowledge to make a competent impression with customers with background knowledge as an equipment operator and mechanic. Dealing professionally with customers and a good level of English are essential.
on request	Prior knowledge:	Min. 3 years professional experience in specialist foundation engineering
	Contents:	<ul> <li>Equipment operator training with the qualification "Certified operator in accordance with ZumBau"</li> <li>Electrics/electronics basics</li> <li>Hydraulics basics</li> <li>Service laptop</li> <li>English level B 1</li> <li>Service-oriented behavior in dealing with customers</li> <li>Instruction in commissioning process</li> </ul>
	Notes:	After your registration, we will create your personal training plan. After completing the training, you will receive a certificate that is valid for 3 years.
		Only service partners will be admitted to the training, after consultation.
		Equipment operator Theoretical part Duration: 4 days
		Equipment operators Practical part
		Duration: 4 days   Optional - instruction by a certified trainer for loading and unloading the equipment
_		Electrics/electronics Duration: 2 days
Training to become a instructor/commis	-	Hydraulics Duration: 2 days
		Service laptop Duration: 3 days
		Service-oriented conduct Duration: 1.5 days
		Completion of the e-learning courses for the proper commissioning process Duration: approx. 1 h   Fee: EUR 95.00 per participant plus VAT

# Organizational information

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## Organizational information

## **General notes**

#### Registration

You can find current dates on our website at www.bauer-trainingcenter.de

You haven't found the right seminar yet? We will be happy to advise you in person, Monday to Thursday from 8:00 to 17:00 CET, Friday 8:00 to 13:00 CET. You can reach us at +49 151/18062496 or by e-mail: btc@bauer.de.

#### Seminar fees

The seminar fee is shown directly with the respective course announcement. The fees mentioned include seminar documents, lunch (for all-day events) and refreshments during breaks, including cold and warm drinks.

All prices are exclusive of VAT and refer to the specified minimum number of participants.

#### Additional services

We will be happy to assist you in reserving your hotel room. Payment must be made directly by the participant on departure.

#### Minimum number of participants

The fee is calculated based on the minimum number of participants, as stated for each of the seminars. In the event of changes, the fee will be re-calculated. The costs for this must be borne by you straight away, directly onsite.

#### Confirmation of participation/certificates

Upon successful completion of the learning objective tests in designated seminars, the participant will receive a certificate. The prerequisite for admission to the test is participation in at least 80% of the course duration.

#### Vouchers

Vouchers from machine sales of BAUER Maschinen GmbH and RTG Rammtechnik GmbH can be redeemed for all BTC standard training courses and by prior arrangement.

#### Other

In accordance with Section 12 (German Health and Safety at Work Regulations, BetrSichV), the employer is obliged to instruct their employee in the safe handling of the equipment made available to them. With our training courses, the employer receives a certificate that complies with the Betr-SichV.

The general terms and conditions of BAUER Maschinen GmbH apply. https://www.bauer.de/bma/company/gterm\_conditions/

## Terms

#### Rights to seminar materials and software

The work materials provided and the computer software used are protected by copyright. They may not be reproduced, distributed, or made accessible to third parties, even in part, without the consent of BAUER Maschinen GmbH/Bauer Training Center.

To the extent that technical or economic facts about the services provided by the organizer or a member company of BAUER AG become known in the course of the seminar, these are commercial or trade secrets.

This only applies if the facts are not already known publicly. These trade secrets shall be treated as strictly confidential by the individual participants and may not be used for their own economic purposes unless they have been expressly released for use. The same applies to technical templates or regulations of a technical nature, e.g. models, graphics and drawings.

#### Jurisdiction

The place of jurisdiction, also for processes relating to drafts, cheques and deeds, is agreed to be BAUER Maschinen GmbH headquarters, Schrobenhausen, Germany, insofar as this is permissible under Section 38 of the ZPO (German Code of Civil Procedure). BAUER Maschinen GmbH is also entitled to sue in another court of competent jurisdiction.

The General Terms and Conditions of BAUER Maschinen GmbH shall apply.

## Organizational information

## Contact



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