



Academy Training calendar 2023



Dear reader,

Having decided for an RSP suction excavator, a large scale of possible applications in countless fields is at your disposal. Starting with the "classic" areas such as civil engineering or emergency services, the portfolio also includes also unusual tasks such as flat roof or tree root renovations.

For us at RSP Group, it is therefore important that you can operate your suction excavator not only efficiently, but above all safely. Thus, we have created a comprehensive training program for our customers, drawing on the practical experience of our partners and almost three decades of suction excavator manufacture.

In line with this know-how, our trainers pass on their knowledge to your employees in specialised courses. In addition to theoretical courses, the focus is directed to hands-on training. Exclusive training facilities in Saalfeld and at the COREUM enable our participants to learn and consolidate vocational action competence with the suction excavator in scenarios prepared in detail.

From 2023 onwards, take advantage of the wide-range offer of our RSP Academy and arrange your tailored suction excavator training with us.

Best regards,



Patrick Renger
Management

Contact and bookings at:
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Phone +49 3671 5271-220





Why training with RSP

Nothing is as constant as change.

This also applies to working with your RSP suction excavator. With our training offer, you enable your team to keep up to date with the latest suction technology at all times, to bind your operators in the long term through further training offers and in such way, to increase the quality, safety and economic efficiency of the suction operation as well.

The provided professional and proper handling of the suction excavator, adapted to the respective field of application, results in reduced wear of the machine. In this way, downtime can be reduced to minimum and the service life of the suction excavator extended to maximum.

Make use of the wide range of further qualification and training opportunities to open up new fields of activity and services for your company.

Expand your portfolio and gain a unique competitive advantage in the market. The RSP Academy supports your company and your team in selecting the appropriate offers.

INCREASE THE QUALITY, SAFETY AND EFFICIENCY OF YOUR SUCTION OPERATION. WITH TRAININGS OF THE RSP ACADEMY.



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RSP Group

The RSP Group is the innovative market leader in the field of ventilation suction technology.

As a medium-sized family business, we are based in Thuringia/Germany and, with our international connections, at home all over the world. At our three production sites in Saalfeld, Bad Langensalza and Camburg, we manufacture second-to-none construction machinery "Made in Germany".

Our suction excavators are specialists for the construction industry - manufactured by specialists. With over 400 colleagues, many years of experience and a high level of competence, we create user-tailored solutions for suction superstructures on chassis or stationary suction systems.



Coreum Your world of possibilities

The Coreum means many things integrated into one. An entire world of opportunities.

Showroom and demonstration ground with over 50 brands from those fields such as construction, recycling and material handling, academy, event location, gastronomy and hotel accommodation. People are meeting here to discover new things,

Collecting information. Getting counselled. Learning as well as celebrating together.





Suction excavator instructions

The RSP Academy training provides you with general knowledge and skills in the use of the RSP suction excavator.

In the 8-hour training course, our trainer makes you familiar with the suction excavator system and extends as well as consolidates your operational action competence through hands-on training units. Core topics such as vehicle maintenance, occupational safety and starting-up of the superstructure promote awareness of the machine and contribute to a gentle working mode. The course is particularly suitable for newcomers to suction excavators. We also welcome experienced operators who want to further consolidate their skills.

Target group: Operators

Maximum: 5 participants
Duration: 8 hours

Price: 480.00 € per person
plus 19% VAT *

Learning objectives

- Legal fundamentals
- Accident prevention regulations
- Safety areas and safety installations on the suction excavator
- Intended use of the suction excavator
- Improved economic efficiency
- Daily check and regular vehicle inspections
- Proper activation and deactivation of the suction superstructure and its system components
- Operation of the radio remote control
- Practical suction applications

COREUM
07/03 - 08/03/23
04/07 - 05/07/23
07/11 - 08/11/23

Soil loosening tools

The RSP Academy training provides you with knowledge and skills in the use of the various RSP soil loosening tools.

In the 4-hour training, our trainer transmits to you all the necessary information on the subjects such as handling, service and maintenance, occupational health and safety, efficiency and others more.

Together we guide you with the help of theoretical and practical learning contents to the objective of working with the soil loosening tools in safe and economical manner.

COREUM
08/03/23
05/07/23
08/11/23

Learning objectives

- Presentation of the product portfolio of the RSP-soil loosening tools
- Legal basics of occupational health and general safety
- Fields of applications and how to establish readiness-for-operation
- Soil loosening tools supplied with un-oiled compressed air
- Soil loosening tools supplied with oiled compressed air
- Practical use of the individual soil loosening tools on the test site

Target group: Operators

Maximum: 5 Participants
Duration: 4 hours

Price: 280.00 € per person
plus 19% VAT



Suction excavator service

Daily routine checks and safety instructions are also part of the content taught such as value preservation of the machine by minimising wear and observation of recommended replacement intervals.

In this way, you enable your RSP-machine to get the longest possible "life".

Learning objectives

- General service, safety instructions
- Daily check
- Value preservation of the vehicle, minimising wear through regular self-maintenance
- Maintenance according to operating instructions
- Necessity of the service intervals

Field of applications

Get to know the second-to-none "construction machine suction excavator" from the ground up.

What are the fields of application and work that can be covered and how can your company portfolio be extended in this way.

Legal fundamentals are taught as well as the wide range of tools on option.

Learning objectives

- What is a suction excavator all about?
- The fields and ranges of application
- Special options
- The kinds of work that can be offered with a suction excavator.
- Legal fundamentals
- Portfolio of additional tools

Target group: Technicians

Maximum: 5 Participants
Duration: 4 hours

On demand

Online (Webinar)
On demand

Target group: Office

Maximum: 12 participants
Duration: 4 hours

Only online (Webinar)

Free of costs



Basics of electrics and electronics

Learn the basics of measurement technology and acquire initial knowledge of suction excavator electrics.

Carry out independently predefined work and minimise downtime as well as repair times through your competent support of the RSP service team with any troubleshooting.

Target group: Technicians

Maximum: 5 Participants
Duration: 20 hours

Learning objectives

- Basics of electrics and electronics installed in the vehicle
- Basics of serial data transmission / communication
- Structure of the data communication
- Learning and understanding the electric schematic of the RSP suction excavator
- Electric troubleshooting on basis of RSP-instructions
- Exchange of experiences between trainer/participants

On demand

Service and maintenance

Reduce the repair and service times of your RSP-machine.

Learn how to carry out professionally maintenance and servicing, as well in your workshop. Proper service and the selection of the appropriate consumables serve for value preservation and reliability of the suction superstructure.

On demand

Learning objectives

- Work predefined by RSP can be carried out professionally by the customer himself (after expiry of the warranty).
- Independent maintenance and repair of the vehicle
- Use of approved consumables
- Prevention of unnecessary wear
- Value preservation by service and regular maintenance of the suction excavator

Target group: Technicians

Maximum: 5 Participants
Duration: 16 hours



Suction excavator - basics

A suction excavator offers countless advantages.

In order for these conditions to be effective for your company, knowing the right fields of application and the legal basics is imperative.

Where can an RSP-machine be used efficiently and what tool is available for that purpose? The correct assessment of maintenance and repair work is also part of the training content.

Learning objectives

- What is a suction excavator all about?
- Details of the technical equipment
- RSP suction principle
- Technical specialities
- Regular service and maintenance work
- Exemplary assessments of repair needs and spare parts requirements

Grounding control device

With the optional grounding system, the range of applications for your RSP-machine can be extended even further.

Occupational safety and protection against deflagrations as well as explosions are the main focus here. Learn how the system works, how to use it properly and work in sensitive areas with your grounded machine.

Learning objectives

- Legal fundamentals
- General safety
- Accident prevention
- Structure and function
- Functioning
- How do I work properly?
- Maintenance and service of the systems

Target group: Office

Maximum: 12 participants
Duration: 4 hours

Only online (Webinar)

Price: 180.00 € per person
plus 19% VAT

On demand

On demand

Target group: Operators

Maximum 5 participants
Duration: 2 hours



Use of the gas warning system

RSP-gas warning system for detection, warning and shutdown at critical concentrations of flammable gases.

Effective mode of explosion hazard prevention, working safely in the construction site area, gaining competences, safety on the workplace.

Learning objectives

- Legal fundamentals, general safety
- Special terminology according to DIN 13237:2013-01
- System application
- Intended use / foreseeable misuse
- System maintenance
- Checks and check intervals
- Accessories and hoses
- Transport and storage
- Practical set-up and allowance on our test site

Safe working on the cover

When and how is it necessary to move on the cover of your RSP-machine?

Putting on the personal protective equipment, framework of action/behaviour on the cover and permissible work on the cover are taught and enable you to work safely on your suction unit.

Learning objectives

- Raising the participant's awareness of occupational safety on the suction excavator cover
- Instruction on the action framework on the cover
- Putting on and correct use of fall protection
- Regular inspection of the personal protection equipment
- Work instructions for service activities of the customer on the cover

Target group: Operators

Maximum: 5 Participants
Duration: 6 hours

On demand

On demand

Target group: Operators

Maximum: 5 Participants
Duration: 4 hours



Hydraulics and pneumatics - basics

The RSP Academy training provides you with basic knowledge in hydraulics and pneumatics related to the RSP suction excavator.

Our trainer teaches you about the hydraulic and pneumatic controls installed and how they work, where they are installed in the suction excavator and what you can do in the case of failure.

For this training we presuppose a technical education.

Learning objectives

- Fundamentals of hydraulics and pneumatics
- Legal basics of occupational health and general safety
- Accident prevention regulations
- Reading and using schematics according to DIN ISO 1219:2012
- Troubleshooting on the suction excavator
- Repairs on the system
- Maintenance and service

Software applications

Support your team and your RSP-machine with digital tools.

The training provides you with in-depth knowledge of the software functionalities.

Analyse the efficiency or use the system for fault diagnosis - no matter where your machine is currently working.

Utilize the functionalities of the available RSP software for your fleet management and the parameter display to analyse the operation and any training requirements.

Learning objectives

- Added value and professional utilization of our RSP-software applications CONNECT, TELEMATICS and spare parts catalogue
- Imparting knowledge in fleet management, parameter recording, economic analysis, remote diagnosis, etc.

Target group: Technicians

Maximum: 5 Participants
Duration: 20 hours

On demand

Online (Webinar)
On demand

Target group: Office

Maximum: 10 participants
Duration: 3 hours

Only online (Webinar)

Free of costs



Tree root renovation

Learn the correct use when working on tree roots.

Safe handling of the special challenges such as use in confined urban civil engineering, cooperation with tree observers on site and specification of suitable tools as well as suction nozzles.

Learning objectives

- Work in urban civil engineering, systematic and damage-free uncovering of roots
- Tree observer's job
- Raising awareness about tree roots in the context of urban civil engineering
- Hands-on training on the use of suitable tools / suction nozzles
- Legal background - regulations to comply with

Flat roof renovation

The RSP Academy training provides you with knowledge and skills in the use of the suction excavator with flat roof renovation.

In this training, you will learn about flat roofs and the possible use of suction excavators in flat roof renovation, both theoretically and practically, in order to extend your area of responsibility.

Experienced operators as well as newcomers are suitable for this training.

Learning objectives

- Structure of flat roofs
- Explanations of terminology
- Material science
- Accident prevention regulations and personal protection equipment
- Legal fundamentals
- Risks of material loads acting on flat roofs and preventive measures
- Use of suction technology on flat roofs and application examples

Target group: Suction excavator operator

Maximum: 5 Participants
Duration: 16 hours

On demand

On demand

Target group: Operators

Maximum: 5 Participants
Duration: 8 hours



INNOVATE WORK

General notes:

*The registration deadline is 10 working days before the start of the training.
Subject to alterations. Offers not binding. Status 30/01/2023*

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