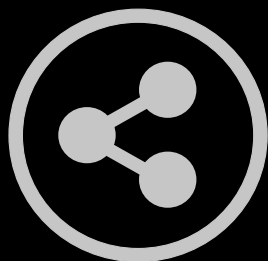


Operating instructions  
Digital functions

## SMART FEATURES



# CONNECT

for all SMART-FORCE battery rescue tools



# Contents

<b>1. General</b>	<b>4</b>
1.1 Information on the operating instructions	4
1.2 Explanation of symbols	5
1.3 Limitation of liability	6
1.4 Copyright	6
1.5 Warranty provisions	7
1.6 Customer Service	7
<b>2. Safety</b>	<b>8</b>
2.1 Intended use	8
2.2 Operator responsibility	9
2.3 Operating personnel	10
2.4 Personal protective equipment	11
<b>3. Device registration, authorisations and settings</b>	<b>12</b>
3.1 Registering Smart-Force on the online portal (hub)	12
3.2 Basic device settings	17
3.3 Assigning authorisations	19
3.4 Service log, service request and device history	22
3.5 Transferring device to another organisation	23
<b>4. Troubleshooting</b>	<b>24</b>
<b>5. Connecting the device and app</b>	<b>26</b>
5.1 Installing the app and log-in	26
5.2 Basic settings of the app	27
5.3 Establishing UMTS connection	28
5.4 Establishing a Wi-Fi connection	29
5.5 Function overview by connection type	31
5.6 Device settings via the app	31
<b>6. Smart-Features</b>	<b>32</b>
6.1 General	32
6.2 Live data	35
6.3 Safety stop	37
6.4 Light settings	37
6.5 Training mode	38
6.6 Theft mode	39
6.7 Service mode	43
<b>7. Notes</b>	<b>45</b>

## 1. General

### 1.1 Information on the operating instructions

These operating instructions provide important information on how to use the smart functions offered by the SMART-FORCE series of battery rescue tools. These operating instructions are only valid in conjunction with the respective operating instructions for the rescue equipment used.

To assure safety at the workplace, always observe all safety and handling instructions contained in this document.

Furthermore, the local accident prevention regulations and health & safety laws applicable to the operation site of the equipment must also be observed.

All information, technical specifications, graphics and illustrations contained in these Operating Instructions are based on the most up-to-date data available at the time these instructions were created.

In addition to thoroughly reading the operating instructions, we also recommend that you undergo training and instruction in handling (possible uses, operational tactics, etc.) the rescue tools from one of our qualified trainers.

**NOTE!**

The current version of the operating instructions can be found on our website at <https://www.weber-rescue.com/> or by scanning the QR code.



## 1.2 Explanation of symbols

### Warnings

In these operating instructions, warnings are identified by symbols.

The individual warnings are introduced by signal words expressing the degree of danger.

These warnings must be heeded to prevent accidents, injury and property damage.



#### **DANGER!**

... points out an immediately dangerous situation which can cause death or severe injury if it is not avoided.



#### **WARNING!**

...points out a potentially dangerous situation which can cause death or severe injury if it is not avoided.



#### **CAUTION!**

...points out a potentially dangerous situation which can cause minor or slight injury if it is not avoided.



#### **ATTENTION!**

...points out a potentially dangerous situation which can cause property damage if it is not avoided.

## Tips and recommendations

**NOTE!**

...emphasises useful tips and information for efficient, trouble-free operation.

### 1.3 Limitation of liability

All information and instructions in these operating instructions were compiled under consideration of the applicable standards and regulations, the current state of technology and our long-standing knowledge and experience.

The manufacturer assumes no liability for damages due to:

- Non-observance of the operating instructions
- Improper use
- Assigning untrained personnel
- Unauthorised modifications
- Technical changes
- Use of impermissible replacement parts
- Use of non-original accessories

For special designs or due to technical changes, the actual scope of supply for may differ from the explanations and representations described.

### 1.4 Copyright

All texts, illustrations, drawings and images in these operating instructions may be used freely without prior authorisation.

**NOTE!**

Additional information, images and diagrams are available on our home page: [www.weber-rescue.com](http://www.weber-rescue.com)

## 1.5 Warranty provisions

The warranty provisions are included with the sales documentation as a separate document.

## 1.6 Customer Service

Our Customer Service would be happy to provide you with technical information.

### Germany

Service Centre, Güglingen  
 Phone: +49 7135 71 10112  
 E-mail: [servicecenter@weber-rescue.com](mailto:servicecenter@weber-rescue.com)

### Austria

Service Centre, Losenstein  
 Phone: +43 7255 6237-12473  
 E-mail: [ATL.Servicecenter@weber-rescue.com](mailto:ATL.Servicecenter@weber-rescue.com)

### International

For questions regarding spare parts, service and repair, please contact our certified local service partners. Scan the following QR code for an overview of our worldwide service and sales network.

**NOTE!**

When contacting our Customer Service, please provide the identification, type and year of manufacture of the appliance. This information can be found on the type plate.

For further processing, please complete the RMA document in full:



## 2. Safety

This section of the operating instructions presents a comprehensive overview of all important safety aspects for optimal protection of the operating personnel as well as for safe, trouble-free operation.

Non-observance of the handling and safety instructions presented in these operating instructions can result in serious dangers.

### 2.1 Intended use

The hydraulic battery tools are designed and tested exclusively for the intended applications described in their enclosed, separate operating instructions. All other activities are fundamentally prohibited.

Accordingly, the digital functions (including the app and hub) may only be used in the manner described here and in accordance with the intended use of the main devices.



#### **WARNING!**

##### **Danger caused by improper use!**

Any use other than intended use and/or other type of use of these appliances can cause dangerous situations!

Therefore, it is absolutely necessary to:

- » Only use the devices for the purposes described in the separate operating instructions.
- » Please observe all further information on the proper use of the digital functions in the following chapters.



#### **NOTE!**

All S-FORCE equipment (cutters, spreaders, combi tools and rescue rams) are intended for use in the professional or industrial sector and not for private use!

## 2.2 Operator responsibility

In addition to the occupational safety information in these operating instructions, the safety, accident prevention and environmental prevention regulations applicable to the operation site of the equipment must also be observed. Thereby, the following applies in particular:

- The operator must inform himself regarding the applicable occupational safety regulations and carry out a risk assessment to identify additional dangers arising from the special work conditions at the operation site of the equipment.
- The operator must clearly regulate and determine responsibility for installation, operation, maintenance and cleaning.
- The operator must ensure that all persons engaged with the equipment have completely read and understood the operating instructions.
- Furthermore, he must train the personnel at regular intervals and inform them of the dangers associated with handling the equipment.

The operator is also responsible for ensuring that the equipment is always in a technically flawless condition. Therefore, the following applies:

- After each time the equipment is used, or at least once a year, a visual inspection of the appliance by an instructed person is required (per DGUV guideline 305-002 or country-specific rules).
- Every three years, or whenever a doubt is raised about the safety or reliability of the appliance, a function and load test must also be carried out (per DGUV guideline 305-002 or country-specific regulations).
- After each use, but at least once a year, check the seal on the battery cover and the housing in the sealing area for cracks and damage. Lubricate the seal with colourless lubricant WD40 or MegaÖl Plus with PTM.
- The equipment must be tested for leaks at least once a year or if there is any doubt about its reliability.

## 2.3 Operating personnel

The following qualifications for different areas of activity are specified in the operating instructions:

- **Instructed persons**  
Have been instructed by the operator regarding the tasks they have been assigned and the possible dangers caused by improper actions.
- **Expert personnel**  
Because of their professional training, knowledge and experience as well as their knowledge of the applicable manufacturer's provisions, expert personnel are able to carry out the tasks they have been assigned and independently recognize potential dangers.



### **WARNING!**

#### **Danger of injury caused by insufficient qualifications!**

Improper handling of these tools can cause serious injury and property damage.

Therefore, it is absolutely necessary to:

- » Only permit the people specified in the respective chapters of these operating instructions to carry out the special activity.
- » In case of doubt, immediately call in expert personnel.



### **NOTE!**

Never operate the appliance after consuming alcohol, medications or drugs!



### **NOTE!**

Maintenance work can be carried out by instructed persons. Maintenance measures and repairs may only be carried out by the appliance manufacturer, or by specialist personnel trained by the appliance manufacturer and the authorised service partners. Continuous training and instruction by the appliance manufacturer is mandatory for a valid training certificate.

## 2.4 Personal protective equipment

To minimise danger for the operating personnel, wearing personal protective equipment (PPE) when handling the hydraulic rescue tools is absolutely mandatory.

**As a matter of principle, always wear the following protective clothing for all work:**



### Safety work clothing

Only wear closely fitting work clothing with narrow sleeves and without projecting pieces while working. This is primarily for protection against entanglement in moving parts of the equipment.



### Safety shoes

Always wear steel-capped safety shoes to protect against heavy falling objects and falling over on slippery surfaces.



### Work gloves

Wear safety work gloves to protect against sharp edges and glass splinters when operating the equipment.



### Helmet with face shield

Wear a helmet with face shield to protect against flying or falling parts and glass splinters.



### Protective goggles

In addition to a face mask, protective goggles should be worn to protect the eyes from projectile particles.

**Also wear during any special kinds of work that cause noise:**



### Ear defenders

To protect your hearing, ear defenders should be worn in addition to personal protective equipment.

### 3. Device registration, authorisations and settings

All SMART-FORCE devices are equipped with a communication module that provides LTE and Wi-Fi connectivity, enabling external access to the device's data and commands. In order to use these smart features, the devices must first be registered and activated. An online portal is available for this purpose, through which all necessary settings and authorisations can be made and the devices can be managed and serviced throughout their service life.



#### NOTE!

Smart features cannot be used without registering, activating and authorising the devices! The first 3 years (from the date of purchase) are included free of charge with the purchase of the devices; after that, additional annual costs apply for the use of the smart features.

However, the smart features are not a prerequisite for the SMART-FORCE devices to function as hydraulic rescue equipment. They only offer additional benefits. Not activating this feature does not restrict the basic functionality of the device!

#### 3.1 Registering SMART-FORCE on the online portal (hub)

The devices are registered after purchase by an authorised person on our online portal called "WEBER RESCUE Hub". Registration for the sole purpose of inventorying and managing the devices can also be carried out without activating the smart features.

The WEBER RESCUE Hub can be accessed via any browser at the URL [hub.weber-rescue.com](http://hub.weber-rescue.com). A view optimised for mobile devices is also available. The device packaging includes a quick guide to registering the devices at [hub.weber-rescue.com/register](http://hub.weber-rescue.com/register). This guide also contains the activation code required for activation.

The individual steps for registering and using the hub are explained in more detail in the following chapters.

### 3.1.1 Activation code and TIN

To ensure that each device can only be registered by its owner, the Tool Identification Number (TIN) and the corresponding activation code are required during the process.

The 15-digit TIN, consisting solely of numbers, can be found on the respective type plate of the device and uniquely identifies the device for establishing the device connection via Wi-Fi and LTE with the correct device.

The activation code is included in the device packaging within the quick guide for registering the device and secures the registration. The activation code can only be used once. Therefore, the device can only be linked to one main account in the hub.



#### NOTE!

If the TIN is illegible or the activation code has been lost, please contact WRS Service. Here, the TIN and code can be reissued.

### 3.1.2 Creating an account

Before assigning devices, it is necessary to create an account. An existing account for another digital application from WEBER RESCUE SYSTEMS (e.g. RETTERAlarm, WEBER RESCUE Academy, etc.) can also be used for this purpose. In this case, only the information that has not yet been submitted needs to be added.

When creating the account, you should already consider the administrative structure of your own organisation! Each device can only be assigned to one main account, which represents the highest authorisation level. After that, any number of additional accounts with different authorisation levels can be assigned per device.

To ensure a person-independent and transparent registration of the SMART-FORCE tool, an internal concept for the main account as well as the individual sub-profiles and the respective assigned authorisations in the digital world of WEBER RESCUE is necessary. It is important to avoid creating an own account for each tool.

Our recommendation: Create a main account for the fire brigade or for your organisation where all tools are registered. These can then be additionally assigned to different stations and vehicles from this account (chapter 3.2.3).

The first device can then be added to the account by entering the TIN and activation code. Adding additional devices to the same account is described in chapter 3.1.5.

**NOTE!**

If the activation code has already been used and is therefore no longer active, we will send a notification to the email address of the account with which the device was previously activated. It can be transferred independently to another account via this account (more on this in chapter 3.5).

The WRS Service will also provide support in the event of problems.

### 3.1.3 Activating the SIM card and smart features

During device registration, you will be asked to actively consent to the activation of the SIM card within the communication module, as well as to the collection and storage of the device's GPS location.

Only if both points are agreed to simultaneously can the smart features be activated and used. As a result, we activate the built-in SIM card in our name with the provider, and the device begins to transmit data via our IoT hub.

Further information on data use and security can be found in the data privacy statement, the general terms and conditions of use and licence, and chapter 6.1.3.

If consent is not initially granted, the device is still registered and can be managed via the hub, but the smart features are not available. The SIM card will not be activated and no data will be transferred.

Consent may be granted or revoked at any time during the course of the process. Both are done in the hub per device in the settings under the "Authorisations" tab (see chapter 3.3).

**NOTE!**

All contracts for SIM cards run on WEBER RESCUE after activation, enabling more affordable rates and worldwide coverage. The first 3 years (from the date of purchase) are included free of charge with the purchase of the devices; after that, additional annual costs apply for the use of the smart features.

After activating the SIM card, it may take up to an hour for it to be listed by the provider and actually establish a connection.

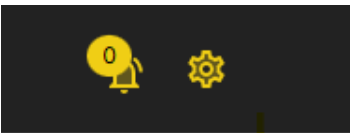
### 3.1.4 Profile, password, notifications and language

In the WEBER RESCUE Hub, settings can be configured for each account and changed at any time. The notification and settings icons (gear) are available for this purpose in the top right-hand corner of the top bar.

The bell indicates unread notifications. This includes important actions performed by registered devices, such as upcoming servicing or the activation of anti-theft mode. Notifications can be deactivated or activated and all messages marked as read via the settings (gear icon).

The following settings can be configured via the gear icon (depending on the user role):

- General settings
  - Language
- Service
  - Contact customer service
  - Legal notice
- Legal information
  - Data protection
  - Terms of use
- Recording archive
  - Dashboard
- Account
  - Anti-theft settings
  - Edit account
  - Change password
- Log off



## 3.1.5 Device overview and adding another device




The rest of the hub is taken up by the device overview, which displays all devices registered (or authorised) with this account. If many devices are registered to one account, there are several ways to improve the overview.

Firstly, there is a search function available at the top of the page. You can search for this by type, TIN or a stored free text comment for each device.

In addition, filters can be found, which can be used to filter by stored stations, vehicles and device status. How these parameters can be assigned to the device is explained in chapter 3.2.3.

The overview provides a direct view of the most important information for each device. All other information and settings described in chapter 3.2 can be opened for each device using the arrow on the far right.

Using the plus (+) button to the right of the list, you can add as many additional devices to your account as you wish at any time. Here, too, the TIN and activation code are always required, as well as authorisation to activate the SIM card.

All Devices (4)		Search...		
DEVICE	DEVICE DETAIL	STATUS		
	<p><b>SP 50 BS S-FORCE</b> 110014300000774</p> <p>Comment: Vorführibus Irgang</p> <p>Serial Number: 774</p> <p>Part-No.: 1100143</p>	<p>Production date: 07/10/2025</p> <p>Warranty valid until: 07/10/2027</p> <p>Next service: 07/29/2028</p> <p>Visual and functional test: 07/29/2026</p>	<p>●</p> <p>OFFLINE</p>	<p>+</p>
	<p><b>SP 50 BS S-FORCE</b> 110014300000767</p> <p>Comment: Ausstellung</p> <p>Serial Number: 767</p> <p>Part-No.: 1100143</p>	<p>Production date: 07/03/2025</p> <p>Warranty valid until: 07/03/2027</p> <p>Next service: 07/10/2028</p> <p>Visual and functional test: 11/25/2026</p>	<p>●</p> <p>OFFLINE</p>	<p>▼</p>
	<p><b>RIT-TOOL S-FORCE</b> 110115800000303</p> <p>Comment: Digital-Container</p> <p>Serial Number: 303</p> <p>Part-No.: 1101159</p>	<p>Production date: 04/09/2025</p> <p>Warranty valid until: 04/09/2027</p> <p>Next service: 04/24/2028</p> <p>Visual and functional test:</p>	<p>●</p> <p>OFFLINE</p>	<p>▼</p>

## 3.2 Basic device settings

After registering and activating the devices, a few basic settings are necessary to ensure that the smart features function correctly. This initial setup should be carried out immediately after registration so that nothing is forgotten.

The detailed settings for each individual device can be accessed via the device overview. To do this, open the desired device using the arrow on the far right. For a better overview, the various areas of the device are divided into tabs here.



### NOTE!

The settings made here will be transferred to the device the next time an active LTE connection is established and will also be stored locally there.

If these settings are not made in the hub but directly in the app, they will take effect immediately when an existing Wi-Fi connection is established.

### 3.2.1 Starting light level

For each device, you can specify the light level at which the device starts up after the main switch is activated. This setting can be adjusted using the slider in the “Settings” tab. You can choose between 0%, 25%, 50%, 75% and 100% light intensity.

For example, the device can be activated without light for use by police units. Confirm any changes by clicking the Save button!

### 3.2.2 SSID and Wi-Fi password

In the Settings tab, you can also assign any SSID name for the Wi-Fi broadcast by the device, as well as your own password. By default, the device is delivered with the SSID “S-FORCE\_ \*TIN\*” and a secure, cryptic password. Confirm any changes by clicking the Save button!



### NOTE!

Neither the SSID nor the password need to be remembered by the user; these are automatically exchanged between the device and the app, provided that the user has the necessary permissions (see chapter 3.3).

### 3.2.3 Station, vehicle and comment

To provide a better overview when there are a large number of devices in an account, parameters for filters and searches can be set for each device.

Under the "Settings" tab, the stations and the vehicle on which the device is loaded and in use can be entered accordingly. In addition, the "Name/Comment" field provides a free text option for naming or categorising the device itself. The content can be found using the search function and is also available in the device overview in the Hub and the app for easier identification.

Confirm any changes by clicking the Save button!

### 3.2.4 Home location and geofence

Under the Theft Mode tab, a home location and a geofence must be set for correct functioning. For a better understanding of the effects of these settings, we also recommend reading Chapter 6 directly.

The home address of the device is selected by double-clicking on the map and then saved using the "Home address" button on the right-hand side.

The geofence can then be set by selecting a radius around the home location. Various options for the radius size are available in the drop-down menu. The selection is saved automatically.



#### **ATTENTION!**


##### **Theft mode locks the device!**

The theft mode is activated by pressing the "Activate theft mode" button. After entering the password, the device is locked and no longer ready for use! The theft mode can only be deactivated if the two security questions have been set up beforehand. Otherwise, the lock can only be deactivated by WRS service.



#### **NOTE!**

If the device is loaned to another station or reassigned, the home location must also be adjusted. This is the only way to ensure reliable warnings via theft mode.



**RZT 2-1500 S-FORCE**  
109938900000434

**Comment:** Testgerät Patrick mit neuster  
**HW**

**Serial Number:** 434  
**Part-No.:** 1099389

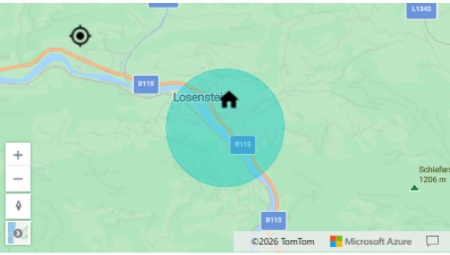
**Production date:** 09/10/2025  
**Next service:** 09/10/2028  
**Visual and functional test:** 09/10/2026

●

OFFLINE

< Diagrams
Permissions
Theft Mode
Service
Settings
Device History >

**Localization**



Eisenstraße, 8115, Losenstein, 4460, Austria

- 🏠 **Home location**  
Eisenstraße, 8115, 4460, Austria
- 📍 **Last known location (GPS)**  
Industriegebiet & Emil-Weber-Platz, 4460 Losenstein  
47.9309592 | 14.4050057  
09/10/2025 07:02Clock
- 📶 **Last location signal (LTE)**  
Braubachstraße, Frankfurt am Main 60311, Germany  
50.1109221 | 8.6821267  
01/14/2026 17:34Clock

**Past Theft Mode Location Signals**

Timestamp	Address	Longitude / Latitude	Signal	Action
11/26/2025 11:10 Clock	Braubachstraße, Frankfurt am Main 60311, Germany	50.1109221   8.6821267	LTE 📶	<a href="#">Show on map</a>
11/26/2025 10:31 Clock	Braubachstraße, Frankfurt am Main 60311, Germany	50.1109221   8.6821267	LTE 📶	<a href="#">Show on map</a>
11/26/2025 09:48 Clock	Braubachstraße, Frankfurt am Main 60311, Germany	50.1109221   8.6821267	LTE 📶	<a href="#">Show on map</a>
11/26/2025 09:34 Clock	Braubachstraße, Frankfurt am Main 60311, Germany	50.1109221   8.6821267	LTE 📶	<a href="#">Show on map</a>
11/26/2025 09:11 Clock	Braubachstraße, Frankfurt am Main 60311, Germany	50.1109221   8.6821267	LTE 📶	<a href="#">Show on map</a>

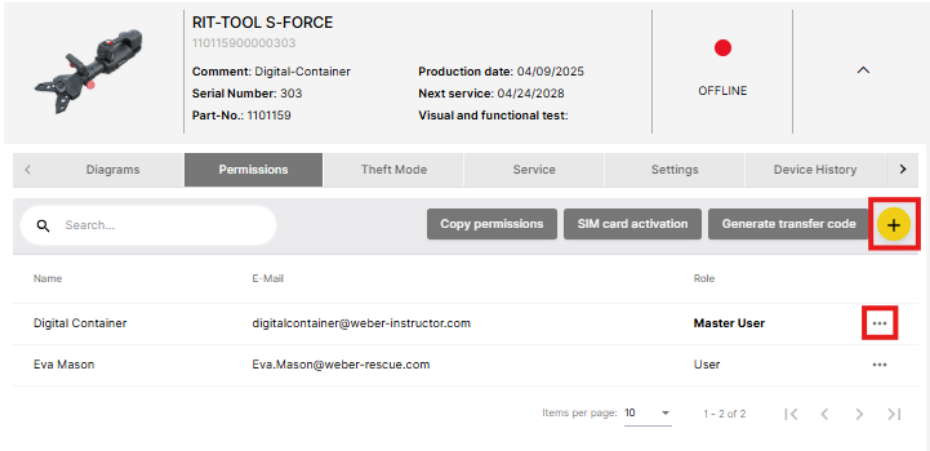
Items per page: 5 | 1 - 5 of 499 | < > >>

### 3.3 Assigning authorisations

In order for other users to access the devices in addition to the main account, appropriate authorisations must be set up for each device. To do this, create as many users as required under the “Authorisations” tab.

After clicking on the plus button (+) in the top right-hand corner, the new user's email address will be requested. If the user already has an account, they will receive an email informing them that a new device has been assigned to them. If no account exists yet, the email will ask them to complete the account creation process and assign a password.

After creation, the various permissions for the user can be set and assigned in a granular manner. To do this, either click on the “View user authorisations” button or on the button with the three dots behind the user.



**RIT-TOOL S-FORCE**  
110115900000303

Comment: Digital-Container  
Serial Number: 303  
Part-No.: 1101159

Production date: 04/09/2025  
Next service: 04/24/2028  
Visual and functional test:

OFFLINE

Diagrams | **Permissions** | Theft Mode | Service | Settings | Device History

Search... Copy permissions SIM card activation Generate transfer code +

Name	E-Mail	Role	
Digital Container	digitalcontainer@weber-instructor.com	Master User	...
Eva Mason	Eva.Mason@weber-rescue.com	User	...

Items per page: 10 1 - 2 of 2

### The following individual authorisations are available:

#### 1. Display device data

This authorisation is the basis and is automatically assigned when a new user is added. This allows the user to see the device in the hub and app and view the most important data, statistics and logbooks for the device.

#### 2. Connect to the app

After confirming this authorisation, the user can connect to the device via the app to establish an active Wi-Fi connection and control the device.

#### 3. Change settings

After confirming this authorisation, the user can change the Wi-Fi SSID and password for this device and assign filters or a comment.

#### 4. Perform service

After confirming this authorisation, the user can add a new activity in the Service area and document it. In addition, all previous messages can also be viewed.

#### 5. Activate theft mode

After confirming this authorisation, the user receives an email and push notification on the app as soon as the device appears outside the specified geofence. He can also use his password to activate theft mode.

#### 6. Transfer device to another organisation

After confirming this authorisation, the user can release the device for transfer and thus create a new activation code with which the device can be registered in a new account.

#### 7. Assign authorisations

After confirming this authorisation, the user can authorise other users for this device and edit existing authorisations. This does not apply to the main account.

### 8. Deactivate theft mode

After confirming this authorisation, the user can reactivate a device that is in theft mode.

### 9. Manage training archive

After confirming this authorisation, the user can edit training recordings under Settings -> Recording Archive.

Assigned authorisations can be changed at any time by clicking on the three dots behind the user name, or the user can be completely deleted from the device.

In addition, the main account and appropriately authorised users (authorisation 8) can use this tab to revoke or subsequently set the authorisation for SIM card activation. To do this, click on the "SIM card settings" button above the authorisation list. After deactivation, the smart features are no longer available and the corresponding menu items in the hub are greyed out.



#### ATTENTION!

##### Check authorisation carefully!

We recommend that individual authorisations 5, 6, 7 and 8 be granted very sparingly, as they can have a direct impact on the operational readiness of the device. Nevertheless, at least one user per device should have this authorisation in addition to the main account.



#### NOTE!

As soon as a user's permissions are revoked, this takes effect immediately for security reasons. The next time the app is launched, the device in question will no longer be listed and access will no longer be possible.

In the case of complex authorisation structures, these can also be copied to another device in just one step. The "Copy authorisations" button is available for this purpose. This copies all users and their individual permissions for the currently selected device 1:1 to any number of other devices.




#### NOTE!

Only devices for which the user performing the action is also the main account holder or has been assigned authorisation 7 are available for selection here.

### 3.4 Service log, service request and device history

All service activities for this device are permanently stored as a logbook under the “Service” tab. In addition to service reports including logs from WEBER RESCUE and our service partners, service reports can also be added here by equipment managers, etc.

Any number of messages can be created and documented using the plus button (+) in the top right-hand corner. In addition to a selected topic for categorisation, a title, a description and the date, PDF logs and photos can also be stored as attachments. This requires appropriate authorisation.



**SP 50 BS S-FORCE**  
11001430000767

**Comment:** Ausstellung  
**Serial Number:** 767  
**Part-No.:** 1100143

**Production date:** 07/03/2025  
**Warranty valid until:** 07/03/2027  
**Next service:** 07/10/2028  
**Visual and functional test:** 11/25/2026

OFFLINE

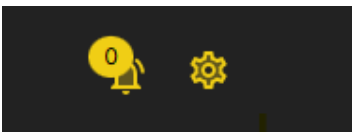
< Diagrams
Permissions
Theft Mode
Service
Settings
Device History >

Choose a dealer
Q
View Device Request

Next service date : 07/10/2028      Visual and functional test : 11/25/2026 +

Subject / Title	Service Added By	Description	Date	Attachment
The device passed the quick test without any restrictions. Quicktest Performed	<b>Service employee</b> louis.thaemert@weber-rescue.com	<ul style="list-style-type: none"> <li><span style="color: green;">●</span> Visual Inception</li> <li><span style="color: green;">●</span> Electronic</li> <li><span style="color: green;">●</span> Safety Stop</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: green;">●</span> Max Pressure</li> <li><span style="color: green;">●</span> Training Mode</li> </ul>	11/25/2025
The device passed the quick test without any restrictions. Quicktest Performed	<b>Service employee</b> louis.thaemert@weber-rescue.com	<ul style="list-style-type: none"> <li><span style="color: green;">●</span> Visual Inception</li> <li><span style="color: green;">●</span> Electronic</li> <li><span style="color: green;">●</span> Safety Stop</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: green;">●</span> Max Pressure</li> <li><span style="color: green;">●</span> Training Mode</li> </ul>	11/24/2025
The device has a slight defect, but this does not affect its operational readiness. Quicktest Performed	<b>Service employee</b> louis.thaemert@weber-rescue.com	<ul style="list-style-type: none"> <li><span style="color: green;">●</span> Visual Inception</li> <li><span style="color: green;">●</span> Electronic</li> <li><span style="color: green;">●</span> Safety Stop</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: orange;">●</span> Max Pressure</li> <li><span style="color: green;">●</span> Training Mode</li> </ul>	09/30/2025

If an external service from WEBER RESCUE or another service partner is required, this can be initiated directly via the hub or the app. To do this, authorised users click on the gear in the top right-hand corner and then on “Contact service”. In the dialogue box that appears, select the affected device. In addition to the individual message and contact request, all important parameters of the device are also automatically sent to the service. Customer service will then contact you as soon as possible to arrange a remote maintenance appointment or to arrange the service.



All important actions performed on the device are logged in the device history under the tab of the same name and stored together with the user who may have performed them. The list can be filtered by date ranges.

**NOTE!**

Simply requesting an external service (whether from WEBER RESCUE or a service partner) does not incur any costs for the device owner.

### 3.5 Transferring device to another organisation

This function allows devices to be transferred to another main account, e.g. if they have been sold to another organisation or a different account structure is desired.

To do this, click on the “Generate transfer code” button at the top right of the “Authorisations” tab to generate a temporary new activation code. This step can only be performed by users who have been assigned individual authorisation 6 from chapter 1.3.

The generated code allows the device to be registered to another account for 14 days. This new account will then become the main account for this device and will be completely removed from the old account and all previously authorised users.

**NOTE!**

During the transfer, all previously collected data and statistics, as well as the service log, are also transferred. All settings and permissions configured in chapters 3.2 and 3.3, as well as the device history, will be deleted and must be recreated.

## 4. Troubleshooting

Below is a collection of the most common known issues.

Registration in the HUB was not possible with the newly delivered device:	The radio connection between the device and the central database has been interrupted. Please report this to WRS Service.
On newly delivered devices, the service LED lights up continuously:	Register device in HUB -> Open app and connect device -> Open service dashboard -> Close service dashboard
Logging in to the HUB does not work, resetting password does not work:	After registration, it must be confirmed. To do this, an email will be sent to the address provided. Please look for this confirmation email and check your spam folder. If you cannot find it, please send an email to <a href="mailto:info@weber-rescue.com">info@weber-rescue.com</a> requesting account activation
The geofence for theft mode is not visible on the map in the hub:	The setting has not been set correctly. When entering the radius, the yellow check mark on the right-hand side of the input field must be pressed, after which the radius will be displayed in turquoise.
Theft mode was accidentally activated:	Provided that the two security questions have been set up beforehand, the device can be reset by the user. If this is not the case, the device can only be reactivated via the WRS service. After successful reactivation, the device may be deactivated again by commands that were queued. Check up to 24 hours after activation.
The device is not receiving a GPS signal or is not displaying a location:	Ensure that the app and the connection between the app and the device are functioning properly. Once the device is connected, switch to training mode via the app and run the device outdoors, where reception should be good, for up to ten minutes. If the device switches off during operation, switch it back on using the control panel. If the device still does not transmit its location after this time, please contact WRS Service.
SMART-FORCE app does not start or only displays a white screen:	Ensure that the device (tablet, smartphone) has an active internet connection. Without these, no data synchronisation can be performed. You may need to open your browser and visit a page to test it.
A device that has already been registered is not displayed in the app:	Data synchronisation between Hub and app has not taken place due to a lack of internet connection. Please ensure you have a working connection.
Device fails quick test and displays drive in red:	The device may be capable of generating more than 700 bar. However, older app versions do not recognise this as passed. Please check that you have the latest version of the SMART-FORCE app installed.

Service LED and Pressure LED illuminate simultaneously and continuously:	Defect in the power controller; please contact WRS Service.
Service LED and Pressure LED flash continuously at the same time:	Defect in the power controller; please contact WRS Service.
Service LED lights up continuously while Training Mode LED flashes:	Fault in the communication module, please contact WRS Service.
Device cannot be connected to smartphone/tablet. The following steps can be carried out in sequence:	<ol style="list-style-type: none"> <li>1. Check whether the smartphone/tablet is connecting to the correct Wi-Fi network. Does the registered account have access rights to the device? Check whether the smartphone/tablet has granted the necessary app permissions, such as location, etc. Often, "Share only this time" is accidentally selected for the location.</li> <li>2. Switch off the SMART-FORCE device and remove the battery. Press the power button and operate the control rocker to remove any residual tension. Wait approximately 10 seconds, reinsert the battery and start the device. Now restart the connection process.</li> <li>3. Move to an open area, outside of buildings. Restart the connection process. If this does not work immediately, repeat step 2 outdoors.</li> <li>4. If the connection still does not work, remove the rear cover. This is secured with a few screws. Attention: Do not overstretch the cables! Similarly, the device is not waterproof and cannot be used in this condition. It is only used for troubleshooting.</li> <li>5. If the device cannot be connected at this point, please contact WRS Service.</li> </ol>

## 5. Connecting the device and app

The free SMART FORCE app, available for Android and iOS, can be used to access smart features during training, operations and service. This app can be used to send commands and settings to the device and read data (statistics and telemetry) live from the device. The following chapter explains the app's functions in more detail and describes how to connect to the device.



### NOTE!

A user name and password are required in the app to connect to the device. In addition, the account must first be authorised for the device (see chapter 3.3).

### 5.1 Installing the app and log-in

The free app for controlling SMART-FORCE devices can be found in the Apple App Store and Google Play Store under the name "WR S-FORCE". It can be downloaded and installed on a mobile device just like any other app.



After installation, the app will ask for permission to send notifications. We recommend allowing this in all cases so that the app can deliver important device notifications, such as leaving the geofence, via push notifications.

A previously created and authorised account is required to log in. If you do not yet have an account, you can create one directly via the login screen. However, without authorisation, no devices will be displayed for connection after logging in. An existing account for another WEBER RESCUE digital application may be utilised.

Please confirm the terms and conditions and data privacy statement to complete the login process. You only need to log in once every 30 days, provided that there have been no changes to the user's authorisations in the meantime. After the first login, facial and fingerprint recognition can also be used for faster login.

Forgotten password? The password reset function is available directly on the login page. By entering your email address, we will send you a link to reset your password. Please follow the instructions in the email.

**NOTE!**

If a user's permissions for the devices are revoked, this takes effect immediately. The devices will no longer be displayed in the list, even without logging in again.

**NOTE!**

For security reasons, each account can only be logged in on one mobile device at a time. If another login occurs, the first connection is automatically disconnected.

**ATTENTION!**

**The app requires an active internet connection to start!**

We recommend installing the app on a device with active mobile data for optimal functionality. However, offline availability is also available for remote areas and shielded indoor spaces.

**ATTENTION!**

**The app must always be kept up to date!**

The app should be kept up to date at all times. Updates may contain important security features and ensure stable device connectivity in rapidly changing connection protocols.

## 5.2 Basic settings of the app

For the app to function correctly, a few basic settings should be configured in advance: These include the basic settings, account information, and app permissions.

The basic settings of the app can be accessed via the gear icon in the lower menu bar. There, you can activate login using Face ID and Touch ID. App notifications are also activated here, e.g. for theft mode and safety stop. The language of the app can also be freely selected by each user. If desired, the app can also be switched to a dark design (dark mode). Finally, you can individually set the units in which the app should display and edit the data (Celsius/Fahrenheit, kilometres/miles, BAR/PSI).

The account or profile settings can be accessed via the avatar icon. There you can view the most important information about your account and edit it by clicking on the pencil icon next to your profile picture. In addition, you can change your password and log out of your account here.

**For the app to function reliably, the following app permissions should also be enabled in the system settings of the mobile device:**

- Allow notifications to display important device messages
- Assign a distinctive tone for messages so that a theft notification does not get missed
- Allow background updates
- Allow mobile data
- Allow location access, at least when using the app

**Notifications are kept to a minimum in the app. Only the following device messages are sent to the authorised persons:**

- Safety stop triggered by another user on the currently connected device
- New device added and approved
- Transfer code requested
- Transfer device to another organisation
- Device outside the geofence
- Theft mode triggered
- Theft mode ended
- Service required or conspicuous self-test

### **5.3 Establishing UMTS connection**

The UMTS connection is established automatically in the background as soon as the SMART FORCE device is switched on. No intervention by the operator or user of the app is necessary. Once an active connection is established, encrypted data is exchanged with the WEBER RESCUE IoT hub via the data network.

The SMART-FORCE device automatically connects to the strongest available network. Several network providers are available per country through roaming to ensure the best possible coverage. Primarily, an LTE subnetwork for IoT systems is used for transmission. If this is not available or does not have sufficient signal strength, the 2G network is used as a backup.

The UMTS connection is only used to exchange device telemetry and device settings via the hub. This connection also enables theft mode (see Chapter 5.6). The device is controlled and live data is transmitted for training and service purposes exclusively via the Wi-Fi connection (Chapter 4.4).

**NOTE!**

The UMTS connection can only be established if authorisation to activate the SIM card was given during registration or subsequently via the hub (see chapter 3.1.3). In accordance with the account settings, the SIM card is only registered in the respective country zone. For Germany, this would be the entire EU, for example. It is not possible to establish a connection outside this country zone.

**NOTE!**

A UMTS connection is not possible, or not reliably possible, if:

- The device is turned on for less than 3 minutes and the battery is then immediately taken off
- The device is located in a shielded area such as a basement, warehouse or tunnel
- No LTE or 2G signal, e.g. in remote valleys and mountains
- The device is used underwater
- There are strong sources of interference in the application area

## 5.4 Establishing a Wi-Fi connection

The Wi-Fi connection is established via the app with the desired device. For this purpose, each device provides its own Wi-Fi network, which is set up immediately after the device is started. After a short time, the Wi-Fi network with the SSID previously defined in the hub (Chapter 3.2.2) will be visible and can be paired with the app. This means that no additional access point or router is required at the site of use, and the Wi-Fi connection can also be used in rooms, tunnels and remote areas.

Approximately 30 seconds after the SMART FORCE device has been started, it can be selected in the device overview of the app. After clicking on the respective “Control device” button, you will be asked again in accordance with the operating system specifications before the pairing. No password entry or SSID selection is necessary. The exchange takes place automatically and is encrypted in accordance with the user authorisations between hub, app and device. If authentication is successful, the device can be operated directly and the live data can be viewed.

The Wi-Fi connection serves as a direct link to the device and enables commands to be sent and live data to be received. All statistics and reports generated via the app are also transferred to the WEBER RESCUE servers as soon as the Wi-Fi connection is terminated and the mobile device is connected to the internet. In doing so, we pay attention to data minimisation!

As soon as you leave the device, the Wi-Fi connection is also disconnected so that you can connect to another SMART-FORCE device. Currently, only one connection to a SMART FORCE device is possible per mobile device at a time.

**NOTE!**

Depending on the topography, buildings, vegetation, weather conditions, etc., the range of the Wi-Fi connection is approximately 10 metres. No Wi-Fi connection is possible underwater!

**NOTE!**

When the SMART-FORCE device is switched off or switches to standby mode on its own, the WLAN communication is still supplied with power and maintained for 3 minutes. If the device is not running for an extended period of time, the Wi-Fi connection must also be re-established. When training mode is activated (see section 5.5), the supply is maintained for 30 minutes, allowing for longer explanations and discussions without having to reconnect the device.

**NOTE!**

Only one mobile device can be paired with a SMART-FORCE device at any given time. Additional devices will be rejected if there is an existing active connection.

**NOTE!**

The Wi-Fi connection of SMART-FORCE devices has been designed and engineered for practical outdoor use. At the same time, hydraulics that function flawlessly at all times, a watertight housing and the best possible protection against shocks and vibrations are top priorities. Therefore, connection problems may occur in enclosed spaces with high reflection potential for the Wi-Fi signal.

**NOTE!**

A Wi-Fi connection is not possible, or not reliably possible, if:

- The device is turned on for less than 1 minutes and the battery is then immediately taken off
- If the device is located in enclosed spaces with high reflection potential (e.g. large metal and glass surfaces)
- The device is used underwater
- There are strong sources of interference in the application area
- The distance between the connected devices is too great, or visibility is impaired by topography, buildings and vegetation

## 5.5 Function overview by connection type

The Wi-Fi connection offers the widest range of functions and is necessary for controlling the device and reading live data. The UMTS connection only transmits a selected data set per device use and enables theft mode.

### Wi-Fi connection:

- Live data (battery status, remaining runtime, pressure)
- Telemetry data (full scope)
- Safety stop
- Light settings
- Training mode
- Service mode (service dashboard and device self-test)


### UMTS connection:

- Telemetry data (limited scope)
- Device configuration (from hub)
- Theft mode

## 5.6 Device settings via the app

Device settings can also be configured via the app. To do this, select the device in the device overview (a Wi-Fi connection is not essential) and call up the device details using the corresponding button. The tabs and fields correspond to those in the hub. The same terms and conditions apply as already described in the hub declaration.

**SMART-FORCE**  
BY WEBER RESCUE




**SP 50 BS S-FORCE**  
110014300000774  
Vorführbus Irrgang

**CONTROL DEVICE**  
Connection required

**DEVICE DETAILS**  
Connection not required


Ausstellung (2) ⬆



**SP 50 BS S-FORCE**  
110014300000767  
Ausstellung


**CONTROL DEVICE**  
Connection required

**DEVICE DETAILS**  
Connection not required



**RIT-TOOL S-FORCE**  
110115900000349  
Demonstrator

← **SP 50 BS S-FORCE**  
110014300000767



DETAILS

**SETTINGS**

DIAGRAMS

SERVICE

**Light intensity at device start (%)**

Here you can set the light intensity of the LEDs when starting the device.

Light intensity at device start (%)



## 6. Smart features

The following chapters describe how the individual smart features work, which are possible via the aforementioned hub and app. The range of functions is continuously adapted through updates and enhancements. Therefore, the following section may contain information and figures that are not 100% accurate in some places. However, we design and implement all functions to be as self-explanatory as possible.

### 6.1 General

#### 6.1.1 Prerequisites

In order for the smart features to function correctly, the device must first be registered and set up in the hub. Furthermore, it is imperative that you grant us permission and consent to activate and evaluate the installed SIM card. All important information about this process can be found in Chapter 1 of this manual.

The smart features are optional additional functions that do not need to be used in order to operate the SMART-FORCE device as a “normal” hydraulic rescue device. The functions are only available as a complete package; it is not possible to activate individual functions. Therefore, there are corresponding annual costs for activating the SIM card and providing the functions.

When you purchase the device, 3 years of smart features are integrated free of charge. This period begins immediately upon purchase and not upon initial activation. Subsequently, corresponding packages can be added for a fee if the smart features are to continue to be used. If this subscription is not renewed, the function will no longer be available.

All of the following functions, which require a UMTS connection or GPS signal to function correctly, are dependent on the signal strength available at the location. This can lead to connection problems in buildings, basements, narrow valleys and remote locations.

One final requirement for the smart features is that the battery must be inserted and charged on the device. The communication module is powered by the main unit and switches on together with the drive.



#### **NOTE!**

The range of the radio connection can be influenced by environmental factors and is therefore dependent on many aspects such as weather, buildings, vegetation, terrain, etc. No radio communication is possible underwater!

### 6.1.2 Communication module

Each SMART FORCE device has a separate communication module built in, which forms the basis for all smart functions. With this module, the device establishes its own Wi-Fi as an access point, connects to the best network operator via a permanently installed SIM card, and receives a GPS signal to evaluate its location.

All important information on the standards covered, concerning the radio connection and electromagnetic compatibility of the communication module, can be found in chapter 4.7 of the main operating instructions for the SMART-FORCE device. All radio channels used, transmission power and reception sensitivity are also described there.

### 6.1.3 Security and data protection

Ensuring the basic hydraulic function as a rescue device is the top priority. For this reason, a deliberate decision was made to separate the electronics for controlling the drive and communication. Even in the event of malfunction or complete failure of the smart features, the hydraulic function is always available.

Internal data transfer takes place via encrypted, monitored and cross-checked messages, which are ignored as soon as one factor is incorrect.

All basic functions can be limited via a dedicated user authorisation system and only made available to specific individuals.

All transmitted data is subject to the General Data Protection Regulation (GDPR) and will be treated with due care and security by us. No user-specific evaluation or assignment takes place. The device data is permanently stored and made available for statistics and evaluations, as well as for service purposes. Only the last known location is stored in the GPS data, so that no tracking or movement analysis of the device is possible (with the exception of activated theft mode, see section 5.6).

The stored data can only be viewed by authorised users of the device, service partners previously authorised by the owner (in the event of an actual service call) or by WEBER RESCUE in anonymised form.

The exact scope of the data collected and processed can be found in the full data privacy statement, which is accessible via the hub and the app and must be confirmed by each user upon registration.

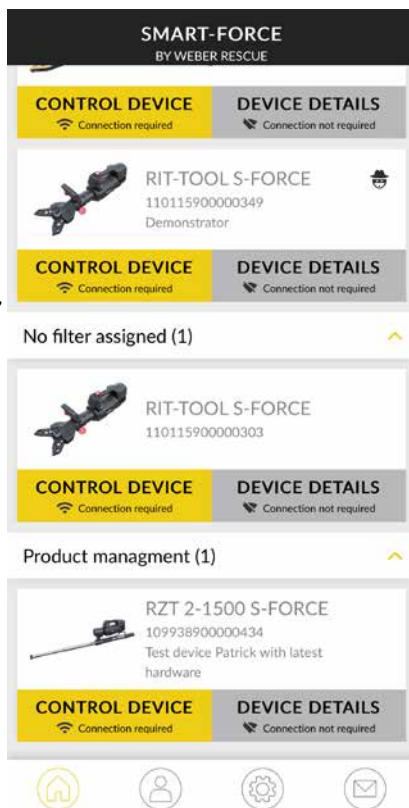
## 6.1.4 Device overview in the app

After starting the app, a device overview is displayed. All SMART FORCE devices for which the logged-in user has been authorised are listed here. For a better overview when there are many assigned devices, categorisation is carried out using the filter stored for the vehicle (see chapter 3.2.3).

These categories can be collapsed by users and thus hidden. If no vehicle filter is entered, the device will be placed in the “No filter assigned” category.

Clicking on the grey “DEVICE DETAILS” button on the right-hand side of this device overview opens the device management screen (internet connection required, Wi-Fi connection not required), where you can configure the same settings as in the HUB. In addition, the “Service” tab can also be accessed here, which will play a role in the following chapters.

Clicking on the yellow “CONTROL DEVICE” button starts the connection to the selected device (no internet connection required). This must be confirmed once again to the operating system.



### NOTE!

If a device is not displayed, it is probably not assigned to the user. Only when the user has authorisation to view the device will it appear in the user's device overview.



### NOTE!

If the yellow button for connecting to the device remains inactive, the user does not have permission to connect to the device via the app. More on this in Chapter 3.3.

## 6.2 Live data

The app allows live data to be read from the device, providing a helpful overview. When actively connected to the device, the live data can be found next to the device screen or in the upper area of the training mode.

The following points explain in more detail what needs to be considered with regard to these values. More detailed information on the status of the device can also be accessed in service mode; see Chapter 5.9.

### 6.2.1 Battery level

The app calculates an approximate battery level to provide timely information about when a replacement is necessary. This involves using voltage values supplied to the device by the battery.



The calculation takes a certain amount of time, so the value will only be available approximately 20-30 seconds after successfully connecting to the device via Wi-Fi.

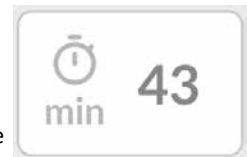
Depending on the load on the device due to the work being carried out, the value displayed may not always correspond exactly to the value that can be read from the battery itself.

**The app displays the battery level in the following formats:**

100%, 80%, 60%, 40%, 20%, 10%, 0%

### 6.2.2 Remaining runtime

Just like the battery level, the remaining runtime is also calculated by the app. The system works in a similar way to the calculation of the remaining working time for breathing apparatus: If you continue working at the same rate as before, the remaining battery power will last for approximately X minutes.

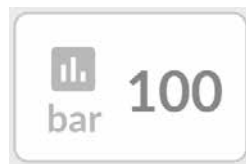


The value displayed is therefore strongly dependent on the work performed to date and the associated load (power consumption). The longer you work, the more accurate the value becomes. Therefore, no exact minute value is displayed at the beginning, but rather a rough range > 20 minutes.

The calculation takes a certain amount of time, so the value will only be available approximately 20-30 seconds after successfully connecting to the device via Wi-Fi.

### 6.2.3 Pressure

The live pressure displayed in the app is not calculated, but determined by a pressure sensor installed in the pump of the SMART-FORCE drive. This value is therefore available from the outset.



This value can be used to assess whether there are still power reserves available or whether the work process can be stopped early because the device has already reached its performance limit. For this purpose, the maximum pressure indicator (LED) on the device itself is available even without using the app. Depending on the user settings, the value is displayed in BAR or PSI. To enable quicker comprehension of the values, some of which change rapidly, the output pressure is rounded.



#### NOTE!

Not all SMART-FORCE devices have a maximum pressure of 700 bar (see type plate). There are several types of rescue rams with a nominal pressure of, for example, 550 bar. Therefore, when the maximum pressure is reached, "MAX" is displayed.



#### NOTE!

The pressure displayed is measured inside the pump and therefore does not fully reflect the actual system pressure in the working equipment part of the device.

### 6.2.4 Location

The device transmits its current location once after the device is started and once shortly before the communication module is switched off via UMTS, as soon as and if a correctly triangulated location is available.

The location is mainly used for theft mode, but the last transmitted location is also displayed on the device. Permanent transmission and motion analysis only takes place when theft mode is activated.



#### NOTE!

A GPS connection is not possible, or not reliably possible, if:

- The device is turned on for less than 3 minutes and the battery is then immediately taken off
- The device is located in enclosed spaces or is shielded
- The device is used underwater
- There are strong sources of interference in the application area
- Eye contact with satellites is impaired by topography, buildings and vegetation

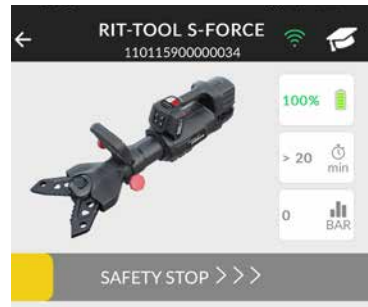
## 6.3 Safety stop

The safety stop can be found in both operation and training modes as a slider directly in the visible upper area.

If the slider is pulled to the right, the safety stop is triggered immediately and sent to the device. This switches off and is locked for 10 seconds. It can then be easily restarted using the red on/off switch on the device.

The 10-second lockout is indicated by a countdown in the slider and by all 4 LEDs on the device flashing.

This security feature allows the app operator (e.g.: Instructors or incident commanders) the option of quickly switching off the SMART-FORCE device in a dangerous situation before anything happens.



### NOTE!

This is not an EMERGENCY STOP function, as there is no wired, direct connection between the app and the device. Depending on the connection quality, triggering may take 1-3 seconds.

## 6.4 Light settings

There are two ways to adjust the light on the device. Firstly, you can specify in the hub or app settings the light level at which the device should start up after being switched on. This enables police officers, for example, to start the device without giving themselves away with a tell-tale light.

The setting you choose is saved directly on the device and will be applied every time you switch it on until it is overwritten by a user.

On the other hand, the current light can also be adjusted live via the app while the device is in use. The slider in operational or training mode is used to dim the LEDs on the device in 5 stages: 100%, 75%, 50%, 25%, 0%

## 6.5 Training mode

The training mode offers numerous functions for training purposes. The following chapters explain in more detail the opportunities and advantages offered for practical and successful training.

### 6.5.1 Activating and deactivating training mode

The training mode can be activated specifically via the app. To do this, simply click on the symbolised “University cap” in the top right-hand corner. The app view automatically switches to training mode, which is also indicated on the device by the corresponding LED (far right) lighting up.

#### **Activation implements two important functions simultaneously:**

1. The device slows down (more on this in chapter 5.5.2)
2. The power supply to the communication module is extended from 3 minutes to 30 minutes after the device is switched off. This allows the device to be switched off for explanations without having to reconnect to the app afterwards.

The upper section of the app's view is very similar to that of the operation mode. The live data from the device is displayed prominently and the safety stop, which is even more important during training, is displayed in prominent red.

In the lower section, you can also adjust the brightness of the LED. In between, however, there are additional views that will be explained in more detail in the following chapters.

To exit training mode, simply click on the back arrow in the top left-hand corner to return to operation mode. If this is forgotten, the device will automatically switch back to operation mode after the 30-minute delay or after the battery has been removed. This ensures that the device always operates at full speed when in use.

### 6.5.2 Setting the speed of the device

As already described, when training mode is activated, the device automatically switches to slow operation and reduces its maximum operating speed to 75%. However, you can still switch between the two speed settings using the “Low Speed” and “High Speed” buttons.

The slow mode allows inexperienced users to gradually become accustomed to the high operating speed of S-FORCE devices. It can also be used to simulate work on modern vehicles when only older training vehicles are available. Due to the reduced speed, cutting takes longer and is more difficult.

### 6.5.3 Using recordings

In addition to controlling the operating speed of the device, training mode also displays a live diagram showing the pressure currently required by the device. This always displays the last 30 seconds graphically and highlights the highest pressure in colour.

This allows an assessment of the current work to be made. Was it applied correctly? How much power reserve is available? Was full pressure built up and the material cut through?

A recording can also be made to compare different rescue techniques and approaches. This means that you don't have to rely on the instructor's feelings and statements; instead, the differences and advantages are directly understandable with data.

The respective recording is started and stopped using the "Start" and "Stop" buttons. In the meantime, the required time, the average working pressure of the device, and the maximum pressure are displayed.



#### NOTE!

Any number of recordings can be created. These are displayed in chronological order on the training mode page. The training sessions are stored in the archive.

### 6.5.4 Recording archive

The gear icon in the top right corner takes you to the dashboard of the recording archive. Recordings can be edited, pressure records can be played back, details can be viewed and recordings can be deleted here.

Under Edit, details about the weather and the vehicle can be entered for each recording, and comments and photos can be added.

Press Play to play back and stop recorded training sessions.

Under Details additional information can be accessed and the data exported as a PDF or .csv file.

## 6.6 Theft mode

### 6.6.1 General

The device has a GPS sensor that transmits its position when the device is put into operation. If the device is outside a defined radius, predefined individuals will be notified and can remotely lock the device. There is no automatic locking!

The settings can be configured via the web administration at [hub.weber-rescue.com](http://hub.weber-rescue.com) or the WR S-Force app. An internet connection is required to use the app. When connecting a SMART-FORCE device, there is no internet connection because you are connected to the device's Wi-Fi. Therefore, do not go via device control, but via device details.



#### ATTENTION!


Once the lock command has been sent, the device ceases all operation! It is therefore advisable to check whether the device has actually been stolen or is simply being used correctly outside the set zone. It is also advisable to refrain from testing whether the lock really works.

## 6.6.2 Setting the geofence correctly

The geofence can be set up via the web administration at [hub.weber-rescue.com](http://hub.weber-rescue.com) or via the app. Web: Select the device you want to set up via the Devices tab and switch to the Theft Mode tab. A home point can be set via the address search function. This is also shown on the map.

App: Select the relevant device from the overview list and switch to device details. Then switch to the Settings tab.

The point can be moved using the map. If this has been set, it must be stored with the home address. Similarly, a radius in kilometres (integers only) must be entered in the Radius field and saved. The radius around the home point is now symbolised by a blue circle.



**RZT 2-1500 S-FORCE**  
10993890000434

Comment: Testgerät Patrick mit neuerProduction date: 09/10/2025  
HW  
Serial Number: 434  
Part-No.: 1099389

Next service: 09/10/2028  
Visual and functional test: 09/10/2028


●

  
 OFFLINE

^

< Diagrams
Permissions
Theft Mode
Service
Settings
Device History >

**Localization**



Eisenstraße, 8115, Losenstein, 4460, Austria

- 🏠

**Home location**

Eisenstraße, 8115, 4460, Austria
- 📍

**Last known location (GPS)**

Industriegebiet & Emil-Weber-Platz, 4460 Losenstein  
47.9309592 | 14.4050057  
09/10/2025 07:02Clock
- 📶

**Last location signal (LTE)**

Braubachstraße, Frankfurt am Main 60311, Germany  
50.1109221 | 8.6821267  
01/14/2028 17:34Clock

**Past Theft Mode Location Signals**

Timestamp	Address	Longitude / Latitude	Signal	Action
11/26/2025 11:10 Clock	Braubachstraße, Frankfurt am Main 60311, Germany	50.1109221   8.6821267	LTE 📶	<a href="#">Show on map</a>
11/26/2025 10:31 Clock	Braubachstraße, Frankfurt am Main 60311, Germany	50.1109221   8.6821267	LTE 📶	<a href="#">Show on map</a>
11/26/2025 09:48 Clock	Braubachstraße, Frankfurt am Main 60311, Germany	50.1109221   8.6821267	LTE 📶	<a href="#">Show on map</a>
11/26/2025 09:34 Clock	Braubachstraße, Frankfurt am Main 60311, Germany	50.1109221   8.6821267	LTE 📶	<a href="#">Show on map</a>
11/26/2025 09:11 Clock	Braubachstraße, Frankfurt am Main 60311, Germany	50.1109221   8.6821267	LTE 📶	<a href="#">Show on map</a>



**NOTE!**

Under certain circumstances, it may be advisable to set the home address in the centre of the call-out district, not necessarily at the actual device location.

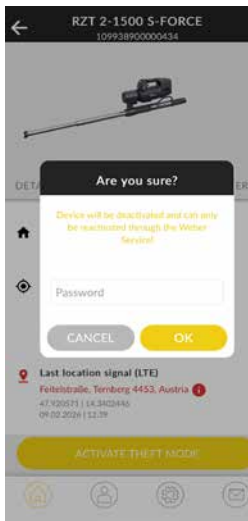
The radius itself can be adjusted at any time via the web administration or the settings in the app.

### 6.6.3 Assigning authorisations

There is also an Authorisations tab in the device settings. Users stored here receive a notification as soon as the device has left the set geofence and is switched on. Only trained persons should be registered, as incorrect locking will initially render the device unusable. Similarly, not too many people should be given access to these permissions.

### 6.6.4 Activating theft mode

If the device leaves the set geofence, authorised persons receive a notification. To lock the device, either the web administration or the app can be used. To do this, there is a red button below the map in theft mode in the web view. In the app, this action can be found in the Settings tab at the bottom. To lock the device, the user's password (which they also use to log in to the app/web) is requested to prevent unauthorised locking.



#### ATTENTION!

A lock should only be carried out if you are certain that the device has actually been stolen. Tests to see whether the theft mode really works should be avoided.

The theft mode can only be deactivated if the two security questions have been set up beforehand. Otherwise, the lock can only be deactivated by WRS service.

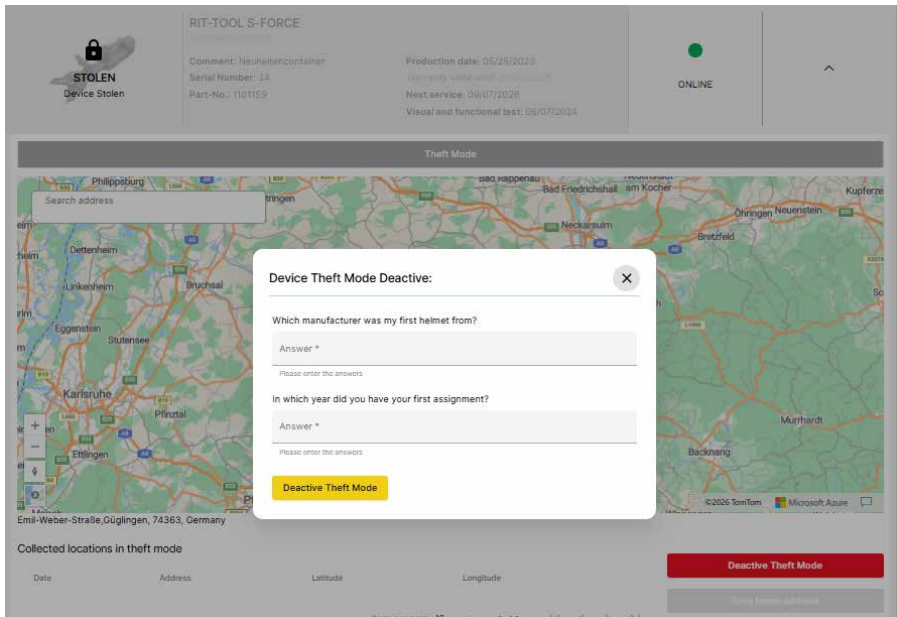
## 6.6.5 Setting up security questions

In order to be able to deactivate theft mode yourself, two security questions must be set up before triggering theft mode. The device owner can set this once in the HUB account.

## 6.6.6 Deactivating theft mode yourself

Theft mode can be deactivated again via the hub, provided that security questions have been set up before it was triggered.

To do this, select a locked device in the overview and open the Theft Mode tab. A map opens showing the last known location. Below that is the red Deactivate button.



## 6.6.7 LTE location

In addition to the GPS location, it is also possible to locate the device via LTE triangulation. This method may be inaccurate, see illustration

### Localization

Home location  
Eisenstraße, 8115, 4460, Austria

Last known location (GPS)  
Industriegebiet & Emil-Weber-Platz, 4460 Losenstein  
47.9309592 | 14.4050057  
09/10/2025 07:02Clock

Last location signal (LTE)  
Braubachstraße, Frankfurt am Main 60311, Germany  
109221 | 8.6821267  
4/2028 17:34Clock

**Attention: Significant deviations possible!**

- Deviation > 15 km possible
- Deviation 5 – 15 km possible
- Deviation < 5 km possible

## 6.7 Service mode

### 6.7.1 General

The Service tab displays all information about the service history, the next service date, and also starts the quick check.

### 6.7.2 Service log

The entire service history of the device is displayed here. This includes rapid tests and “Major services”. If the device is sold or a used one is purchased, the service history will still be available. This way, no paper reports will be lost.

Diagrams | 
 Permissions | 
 Theft Mode | 
 Service | 
 Settings | 
 Device History

Next service date : 07/10/2028

Visual and functional test : 11/25/2026



Subject / Title	Service Added By	Description	Date	Attachment
The device passed the quick test without any restrictions. Quicktest Performed	Service employee louis.thaemert@weber-rescue.com	<ul style="list-style-type: none"> <li>● Visual Inception</li> <li>● Electronic</li> <li>● Safety Stop</li> </ul>	<ul style="list-style-type: none"> <li>● Max Pressure</li> <li>● Training Mode</li> </ul>	11/25/2025
The device passed the quick test without any restrictions. Quicktest Performed	Service employee louis.thaemert@weber-rescue.com	<ul style="list-style-type: none"> <li>● Visual Inception</li> <li>● Electronic</li> <li>● Safety Stop</li> </ul>	<ul style="list-style-type: none"> <li>● Max Pressure</li> <li>● Training Mode</li> </ul>	11/24/2025
The device has a slight defect, but this does not affect its operational readiness. Quicktest Performed	Service employee louis.thaemert@weber-rescue.com	<ul style="list-style-type: none"> <li>● Visual Inception</li> <li>● Electronic</li> <li>● Safety Stop</li> </ul>	<ul style="list-style-type: none"> <li>● Max Pressure</li> <li>● Training Mode</li> </ul>	09/30/2025
The device passed the quick test without any restrictions. Quicktest Performed	Service employee luis.huegler@weber-hydraulik.com	<ul style="list-style-type: none"> <li>● Visual Inception</li> <li>● Electronic</li> <li>● Safety Stop</li> </ul>	<ul style="list-style-type: none"> <li>● Max Pressure</li> <li>● Training Mode</li> </ul>	09/22/2025

### 6.7.3 Service dashboard

If you are connected to the device via Wi-Fi, you can access the Live Service Dashboard via the Service tab. The following values are displayed here with current live data from the device. This includes:

- Temperature: Displays the current temperature in the electronics area.
- Pressure: Currently generated pressure.
- Motor speed: Current motor speed. Idling speed should be between 1400 and 1700 RPM.
- Voltage: The current voltage supplied by the battery varies depending on the state of charge. New and fully charged batteries should reach values above 18V.
- Current strength: Currently measured current
- Output: Current output supplied by the motor to the hydraulic drive.
- Current pressure level: The device operates at 3 different pressure steps, depending on the required output. In step 1, the speed is highest and the force is lowest. In steps 2 and 3, the speed slows down, but the force increases.
- Operating hours: Total operating hours since production rounded to 10 minutes.
- Battery health: Analyses the battery status and evaluates it. Only meaningful when the battery is fully charged.
- 

### 6.7.4 Device self-test

To document the quick check, the quick test is available when the device is connected. This guide takes you through the various tests, which consist of visual inspections and technical analyses. The individual steps include: Visual inspection, drive, electronics, training mode and safety stop. At the end, the test shows whether the device is working properly or needs servicing. This result is stored in the service history.







WEBER-HYDRAULIK GMBH

Heilbronner Straße 30  
74363 Güglingen, Germany  
Phone +49 7135 71-10270

Emil Weber Platz 1  
4460 Losenstein, Austria  
Phone +43 7255 6237-0

[info@weber-rescue.com](mailto:info@weber-rescue.com)  
[www.weber-rescue.com](http://www.weber-rescue.com)



@weberrescue



**WEBERRESCUE**  
SYSTEMS

Edition 2025A