

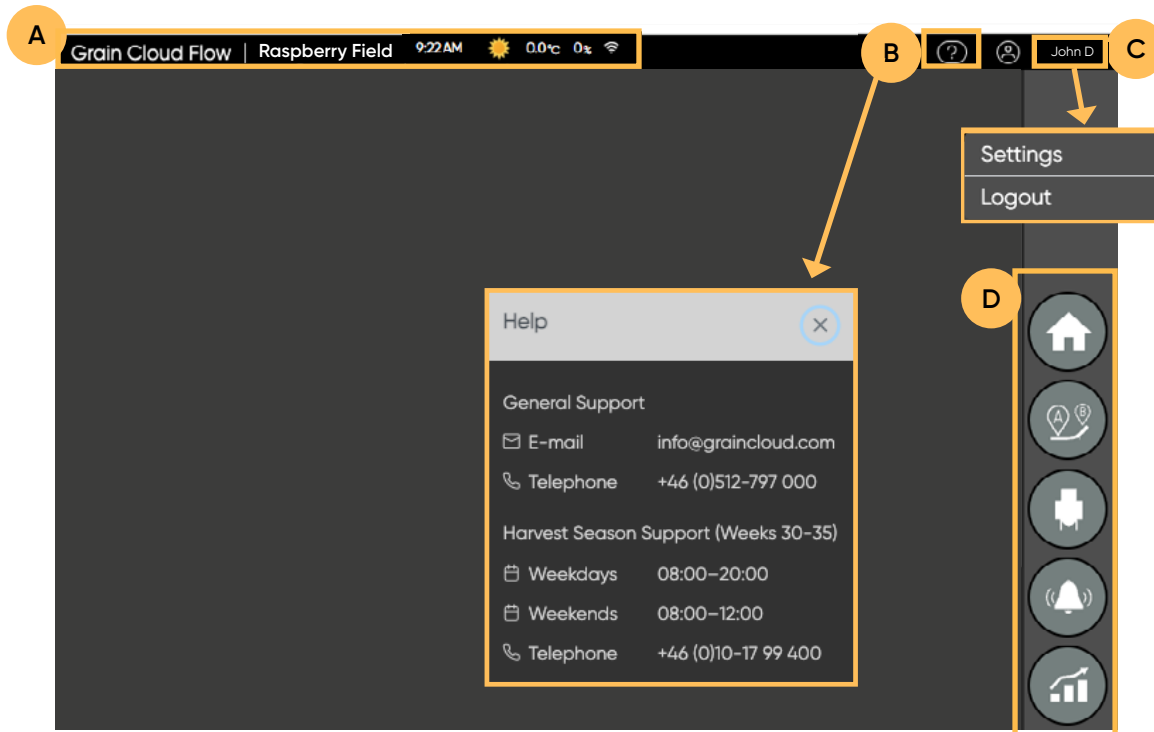


Grain Control Flow

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Information fields

It shows fixed information that is always available in the system.



A. Displays the following information:

- Program name (Grain Cloud Flow)
- Company name
- Time
- Weather icon (retrieved from selected location)
- Temperature (retrieved from selected location)
- Humidity (retrieved from selected location)
- Sensor symbol. Indicates that the weather data is retrieved from the local weather station (if available).

B. Click to open support tasks via a pop-up. If you need help, please make contact using the telephone number or e-mail address provided.

C. Displays logged in user. Click to:

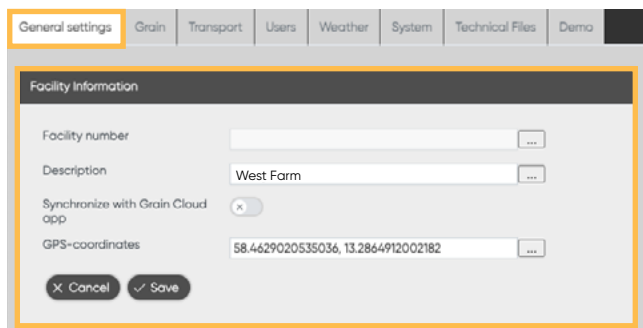
- change profile settings
- log out

D. Legend icons:

- Start view/Overview
- Transport information
- Drying information
- Alarm list
- Statistics

General settings

Basic information about the facility is managed here. The data is used for identification in the system and when connecting to Grain Cloud.

The image shows a software interface with a top navigation bar containing tabs: General settings, Grain, Transport, Users, Weather, System, Technical Files, and Demo. The 'General settings' tab is selected and highlighted with an orange border. Below the tabs is a 'Facility Information' dialog box, also outlined in orange. This dialog contains four input fields: 'Facility number' (empty), 'Description' (containing 'West Farm'), 'Synchronize with Grain Cloud app' (a toggle switch currently turned off), and 'GPS-coordinates' (containing '58.4629020535036, 13.2864912002182'). At the bottom of the dialog are two buttons: 'Cancel' and 'Save'.

Facility information

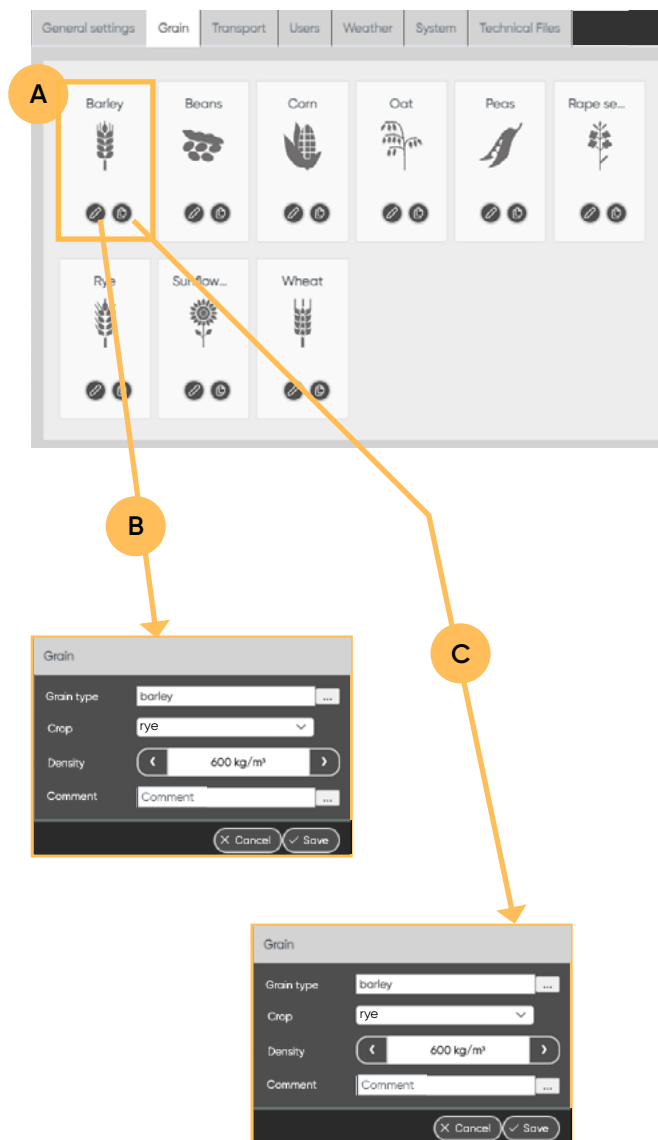
- Facility number: The unique identification number of the facility. The field is normally assigned upon installation and should not be changed. *NOTE! An incorrect number can lead to data being linked to the wrong facility.*
- Description: Description of the facility. Enter to give the facility a clear name in the system.
- Synchronize with Grain Cloud app: Enables or disables synchronization with the cloud feature. When enabled, data is transferred between GCO Flow and Grain Cloud.

IMPORTANT! Check that there is a connection before activation.

- GPS coordinates: Geographical position of the facility. (Must be specified for any local weather station to work).
- Cancel: Click to cancel. Unsaved changes are lost.
- Save: Click to save your changes.

Grain

This is where the available grain types are managed in the system. Each box displays a crop with an icon and name.



A. Crop box

Each crop box has the following functions:

Pencil icon: Click to open settings for the crop (see B).

Paper icon: Click to create a copy of the existing crop (see C).

B. Changing crop

In this view, settings for the selected crop can be changed:

- Name: Name of the crop (this is shown at the overview level).
- Grain type: Crop selection. Selected from list.
- Density: Density (kg/m³).
- Comment: Comment field.
- Cancel: Click to cancel.
- Save: Click to save.

C. Create a copy

Creates a copy of the selected crop.

Transport

This is where settings for transport, dryer and cleaning are managed.



A. Transport:

Displays available transport units. The following information is displayed:

- Name: Name of transport device. Cannot be changed in this view.
- Colour: Colour that represents the device in the system. Selected from list (see D).
- Custom name: Custom name (optional). Entered manually.

B. Driers

Displays available driers. The following information is displayed:

- Name: Name of dryer. Cannot be changed in this view.
- Colour: Colour representing the dryer in the system. Selected from list (see D).
- Filling colour: Colour linked to filling. Selected from list (see D).
- Emptying colour: Colour linked to emptying. Selected from list (see D).

C. Cleaning machines

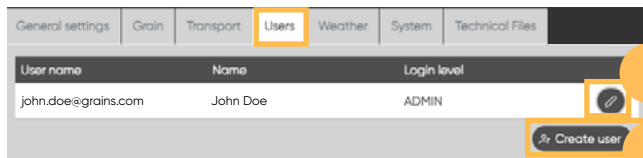
Displays available cleaning machines. If no cleaning machines are available, the following message appears: *No records found*.

D. List of colours

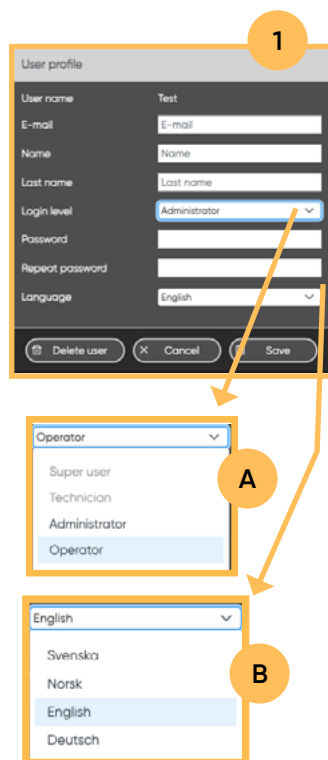
Double left-clicking on the colour box shows a list of selectable colours.

Users

Registered users are managed here.



- User name: The user's login name is entered manually. If nothing is specified, the e-mail address will be displayed.
- Name: User's name.
- Login level: Permission level.
- Pencil icon: Click to edit the user's details and permissions.



1. User profile - modify users

This is where settings for the selected user are managed.
Specify below:

- User name: Enter the user's login name.
- E-mail: Enter the user's e-mail address.
- Name: Enter the first name of the user.
- Last name: Enter the user's last name.
- Login level: Enter permission level. Selected from list (see A).
- Password: Enter a password.
- Repeat password: Confirm the selected password.
- Language: Specify the language the user wants: Swedish, Norwegian, English or German. Selected from list (see B).
- Cancel: Click to cancel. Unsaved data is lost.
- Save: Click to save.



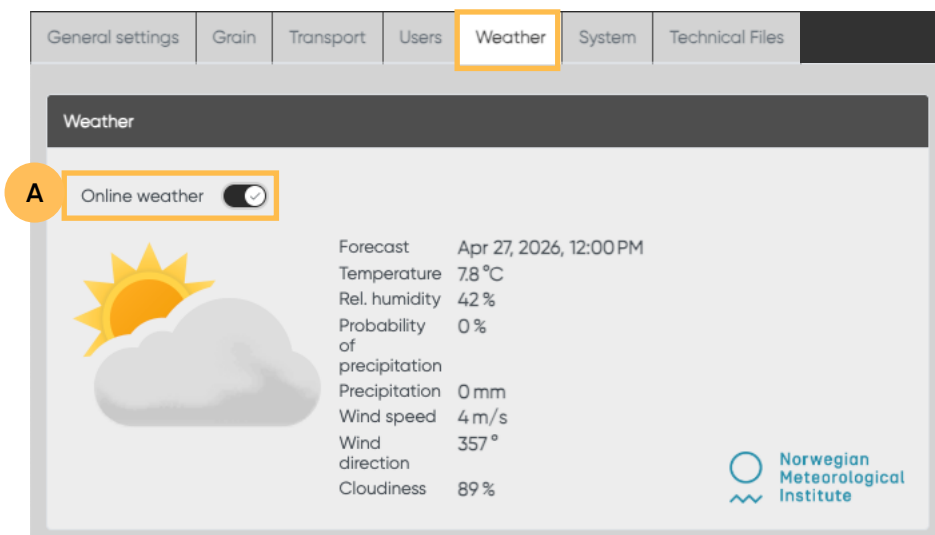
2. User profile - create new user

Here, a new user is created. The following information may be provided:

- User name: Enter the user's login name.
- E-mail: Enter the user's e-mail address.
- Name: Enter the first name of the user.
- Last name: Enter the user's last name.
- Login level: Enter permission level. Selected from list (see A).
- Password: Enter a password.
- Repeat password: Confirm the selected password.
- Language: Specify the language to use. Selected from list (see B).
- Cancel: Click to cancel. Unsaved data is lost.
- Save: Click to save.

Weather

Weather information is managed here.



A. Online weather: Enables or disables the retrieval of weather data.

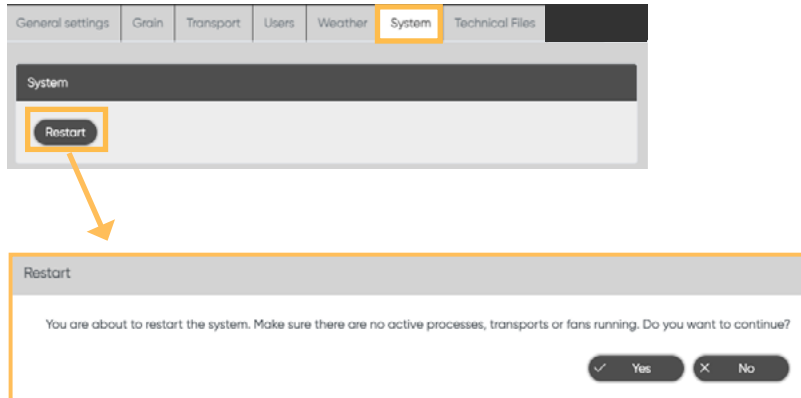
The following information is displayed when in enabled mode:

- Date and time of last forecast update.
- Temperature (Celsius)
- Rel. humidity (%)
- Probability of precipitation (%)
- Precipitation amount (mm)
- Wind speed (m/s)
- Wind direction (°)
- Cloudiness (%)

NOTE! Weather data is primarily retrieved from the local weather station. GPS-coordinates are entered under general settings. If missing, data is retrieved from an external weather source.

System

This is where system functions and system restarts are managed.



Restart: Click to access a confirmation box with information:

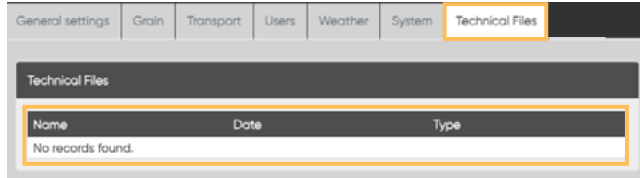
The system will be restarted. Ensure that no active processes, transports or fans are running.

- Yes: Click to confirm and restart the system.
- No: Click to cancel.

NOTE! Restarting can affect ongoing processes and connections. Ensure that it is appropriate to restart the system before using the function.

Technical Files

This is where technical files are managed in the system.



Here you will find documentation such as electrical diagrams, manuals and other technical files. For each file, you'll see:

- Name
- Date of upload
- File type

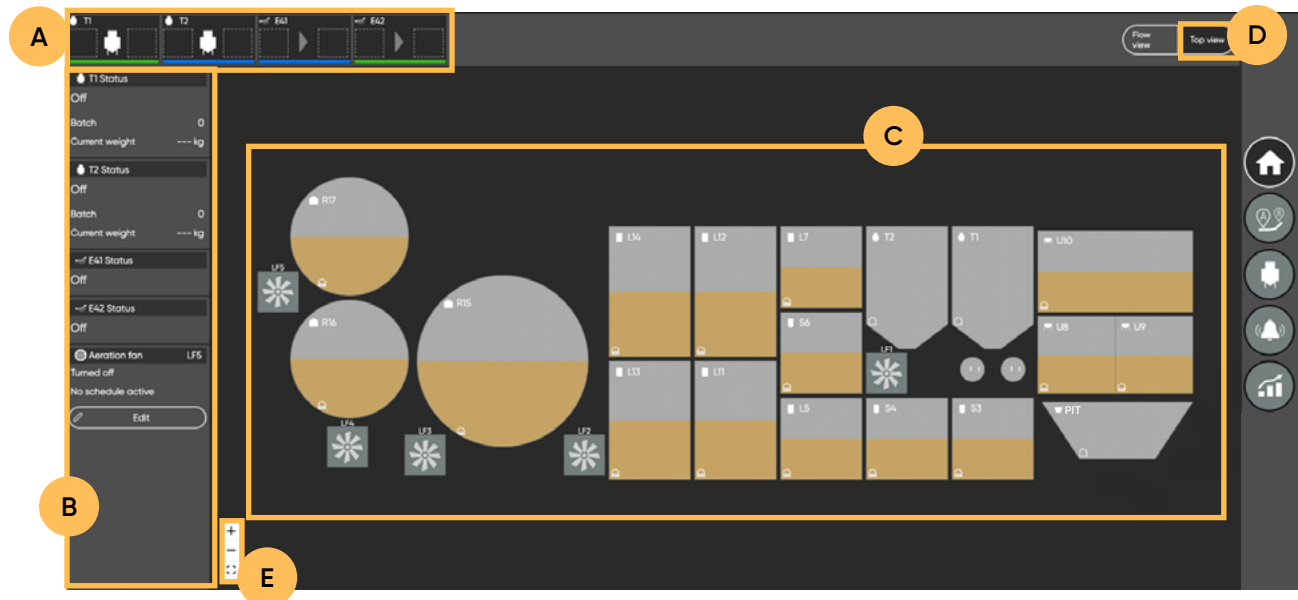
The files can be downloaded if needed.

If no files are available, you'll see the following message: *No records found.*



Top view

You can always choose between two (sometimes three, in the case of dryer settings) display views of the facility. Here the facility is shown from above.

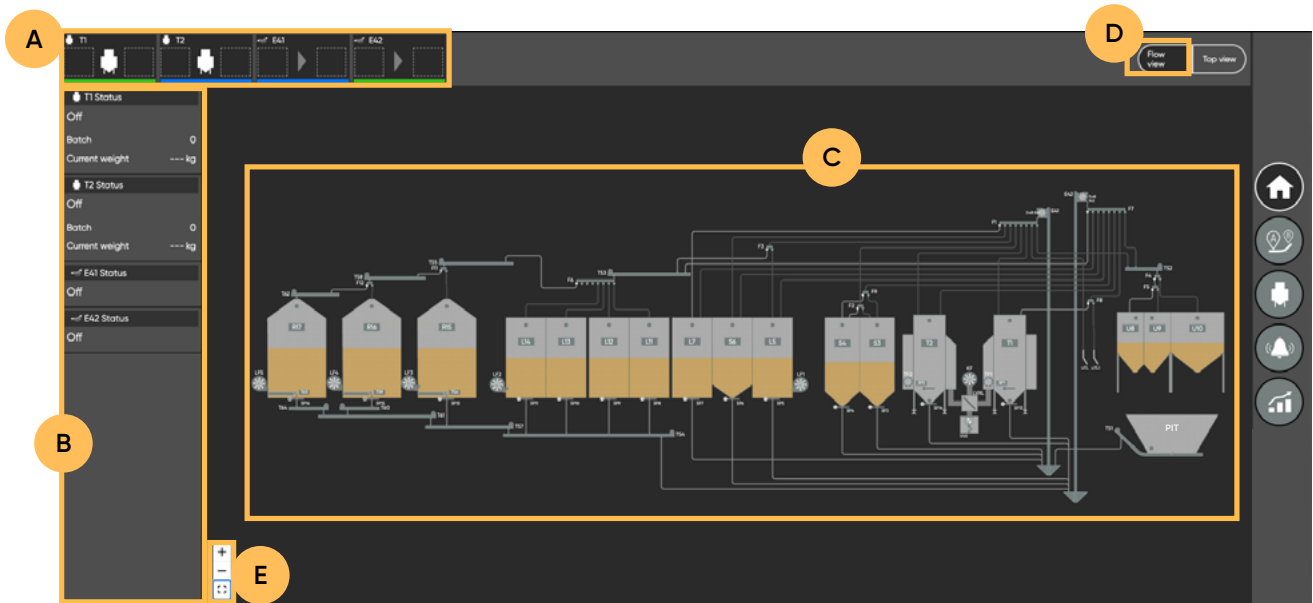


- A. Shows available transport routes. Click on a transport to view additional information.
- B. Displays the status menu for the selected transport.
- C. Shows the entire facility: silos, conveyors, fans, driers, as well as filling, emptying and drying.
- D. Switches between top view and flow view.
- E. Zoom function.



Flowview

You can always choose between two display views (sometimes three, for drying settings) of the facility. Here, the facility is shown as a flow, with connections between devices.

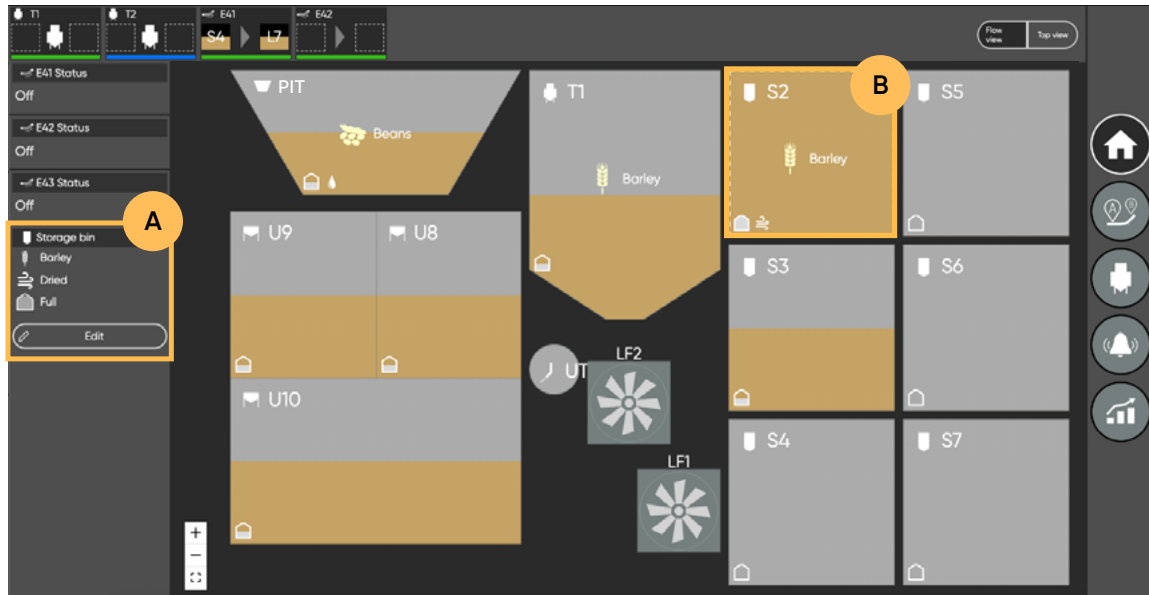


- A. Shows available transport routes. Click on a transport to view additional information.
- B. Displays the status menu for the selected transport.
- C. Shows the entire facility: silos, conveyors, fans, driers, as well as filling, emptying and drying.
- D. Switches between top view and flow view.
- E. Zoom function.



Storage location

This is where storage location information is managed. *Full access both as flow view and top view. Note! The same applies to driers, but there is more detailed information, see section for driers.*



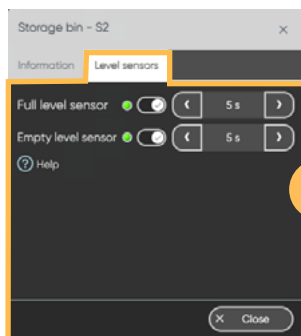
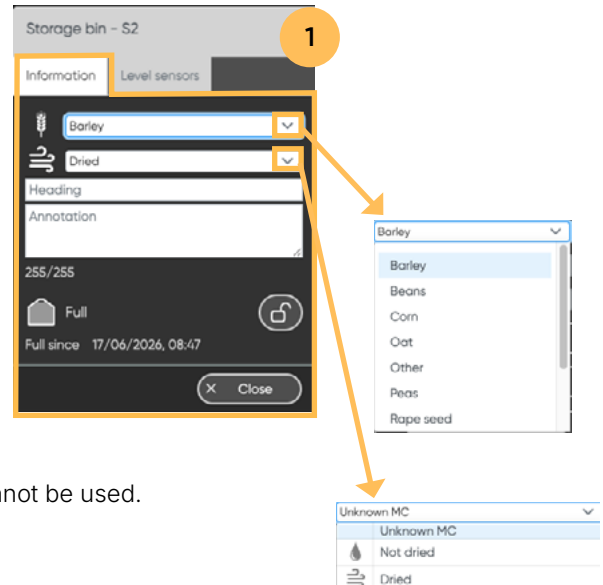
- A. Displays the status of the selected storage location. Click **Edit** to access the view with editing capabilities.
- B. Right-click on a storage location to open its settings and editing capabilities.



Tab 1: Information

The following information can be modified:

- Crop: Enter crop. Selected from list.
- Moisture: Enter the moisture status. Selected from list.
- Title: Filled in manually.
- Comment: Filled in manually (max. 255 characters).
- Fill level. Icons indicate fill level:
 - Empty. The storage location is empty.
 - Partially filled: The storage location is partially filled.
 - Full: The storage location is full.
- Padlock icon: Click to lock the storage location so that it cannot be used.
- Close: Click to close the view. Changes made are saved.



Tab 2: Level sensor (storage location/silo)

The following information can be adjusted:

- Full level sensor: Check to enable or disable level sensors.
- Time setting: Set the time delay in seconds.
- Help: Click to expand an information text (see B).
- Close: Click to close the view. Changes made are saved.

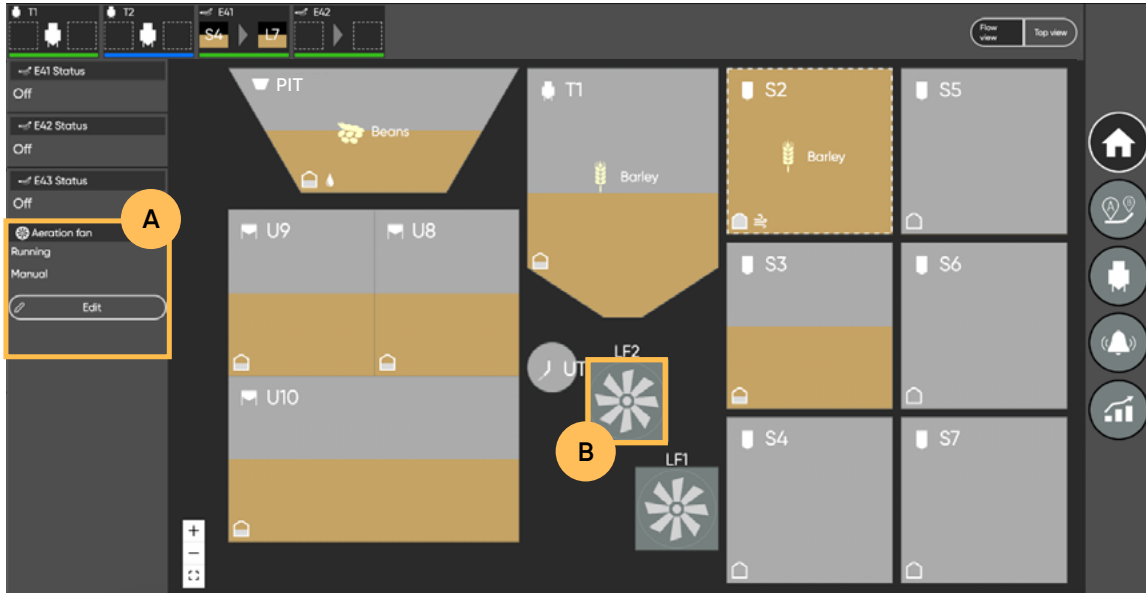
NOTE! For more detailed information on level sensors for batch driers / continuous driers, see under the respective sections.

B If a level sensor is disabled it will no longer be used to calculate the filling level in the silo. It is possible to set the filling level manually.
NOTE! A transport will not stop automatically if the filling level is not set correctly.
The time setting specifies the delay until the silo's fill level follows the sensor reading.



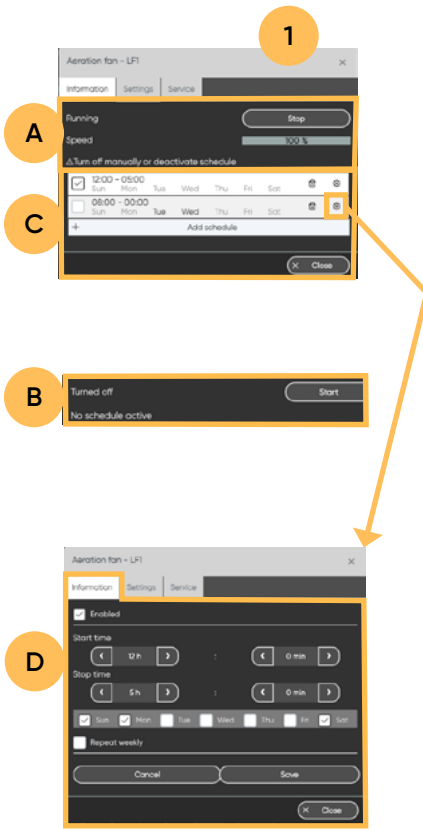
Fan details

This is where information for fans is managed. *Full access both as flow view and top view.*



A. Displays the status of the selected fan. Click **Edit** to access the view with editing capabilities.

B. Right-click on a fan icon to open its settings and editing capabilities.



Tab 1: Information

A. Information during operation:

- Running: Indicates that the fan is running. Click **Stop** to stop the fan.
- Speed (where frequency control is available) indicates fan speed (%).
- Information on how long the fan is scheduled to run.

B. Information if turned off:

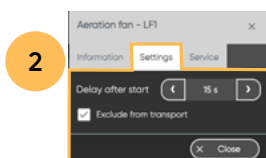
- Turned off: Indicates that the fan is not running.
- Start: Click to start the fan.
- Information on when the fan is scheduled to run.

C. Scheduled running times:

- Checked box: The schedule is active. Unchecked box: The schedule is not active.
- Time: Enter the start and stop time.
- Days: Specify the days the schedule is for.
- Recycle Bin (delete): Click to delete the schedule.
- Cog (settings): Click to open a pop-up and enter the schedule (see D).
- Add schedule: Click to create new, editable, schedule.
- Close: Click to close the view.

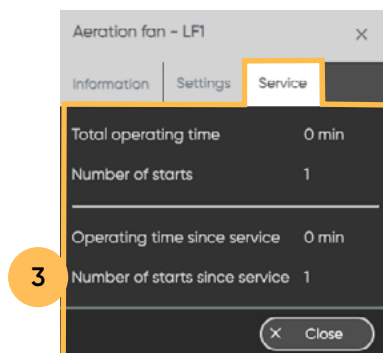
D. Create new schedule:

- Enabled: Check the box to enable or disable schedule.
- Start time: Enter the start time (hours and minutes).
- Stop time: Enter the stop time.
- Week days: Select the days on which the schedule will apply.
- Repeat weekly: Check the box if the schedule should be repeated weekly.
- Cancel: Click to cancel, changes are lost.
- Save: Click to save and close the view.
- Close: Click to close the view. Changes will be lost if you have not saved.



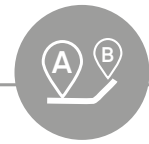
Tab 2: Settings

- Delay after start: Enter the delay after start (sec).
- Exclude from transport: Check to enable or disable the function.
- Close: Click to close view. Changes made are saved.



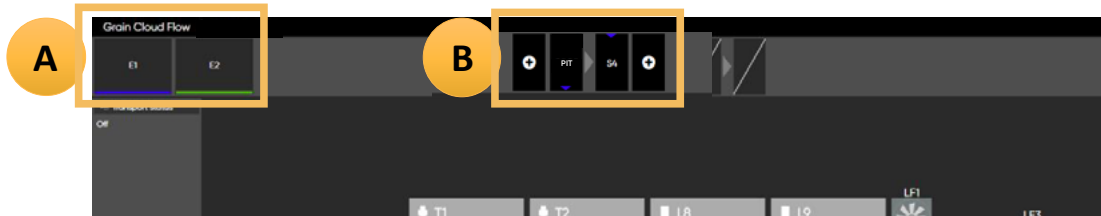
Tab 3: Service

- Started: Indicates when the fan was last started.
- Time since start: Indicates the time since the last start.
- Total operating time: Indicates the total operating time.
- Number of starts: Indicates the number of starts.
- Operating time since service: Indicates the operating time since the last service.
- Number of starts since service: Indicates the number of starts since the last service.
- Close: Click to close the view.



Overview

Here you can see the available transports and the selected queue order.



A. Shows available transports. Each transport is unique and marked with its own colour.

B. Shows queue order. Here, selected devices are indicated in the order in which the transport is performed.

Legend icons:



Plus: Create new selections for the transport chain.

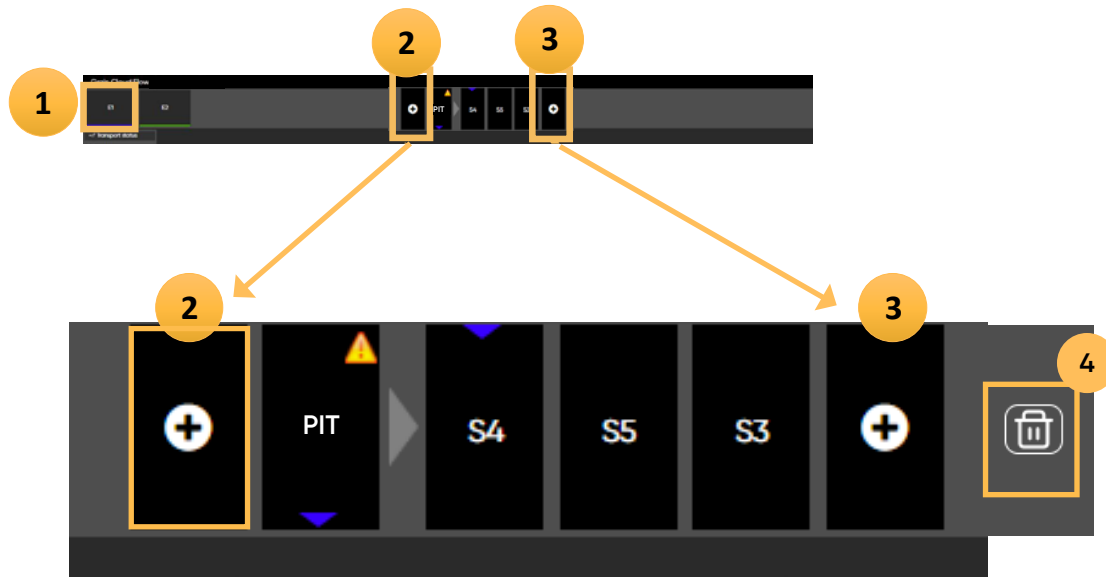


Grey upright arrow: Shows the direction of the transport and differentiates the selected starting point from the destination.



Transport and queue planning

This is where transports are created and edited.



1. Specify which elevator should be placed first in the process.
2. Click the plus sign to the left of the arrow to specify the location to be emptied.

Selections can now be made in two ways:

- Click on the desired device. *Note! Only selectable locations and devices are highlighted. Devices that cannot be used for the selected transport are greyed out.*
- Drag the device to the plus sign (drag and drop) *NOTE! When loading, the crop and moisture content must be entered.*

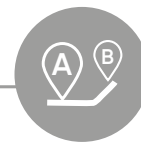
3. Click on the plus sign to the right of the arrow to specify the destination (where the crop will be transported). *Note! Only selectable locations and devices are now illuminated. Those that can not be used for the selected transport are greyed out.*
4. Delete: Click on the device in the queue order and then on the recycle bin that appears on the right.

Legend icons:



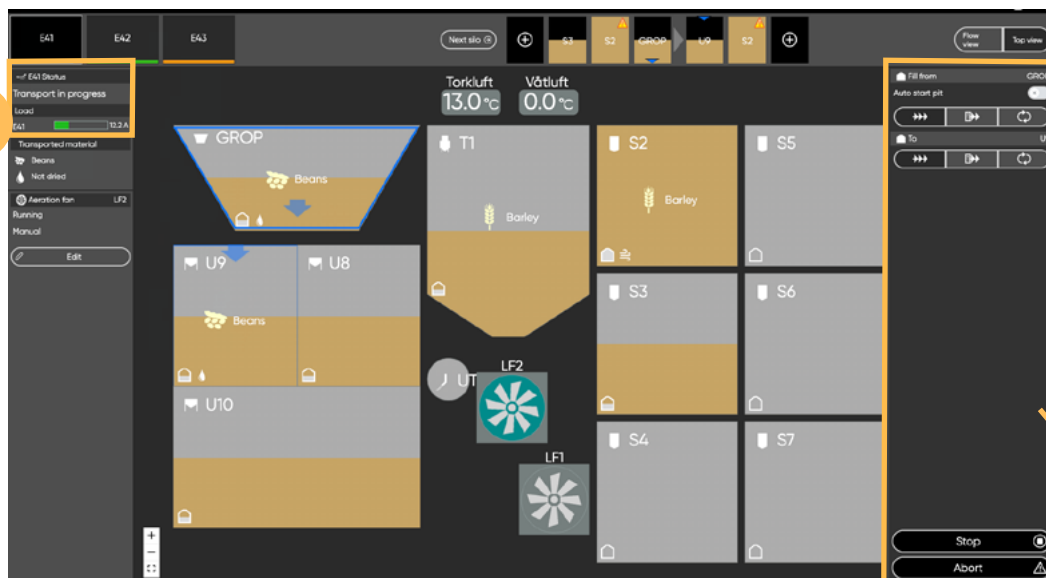
Coloured arrow at the bottom of the device: Emptying

Coloured arrow at the top of the device: Filling



Settings

This is where the transport settings are managed. *Full access via both the flow view and the top view.*



A. Status and information about crop and device on the transport route are given in text format in the left-hand menu.

B. Auto-start pit:

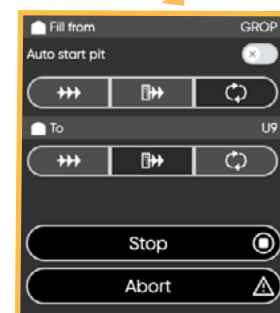
- Marked checkmark: Indicates that the next transport will start automatically.
- Unchecked: Indicates that the next transport needs to be started manually.

Queue management selection:

- Three arrows: Sequential queue: Queue locations are managed in turn. The transport fills one queue location at a time and moves on to the next when the previous one is full. When the last location in the queue is full, the transport stops.
- Hopper + two arrows: Prioritize first place in queue: The transport always tries to fill the queue location one first. If it is full, the system will move on to the next available queue location. When all the queue locations are full, the transport stops.
- Continuous loop: Works as a sequentialqueue. When the last location in the queue is full, the transport continues from queue location one again instead of stopping. When all the queue locations are full, the transport stops.

Device control:

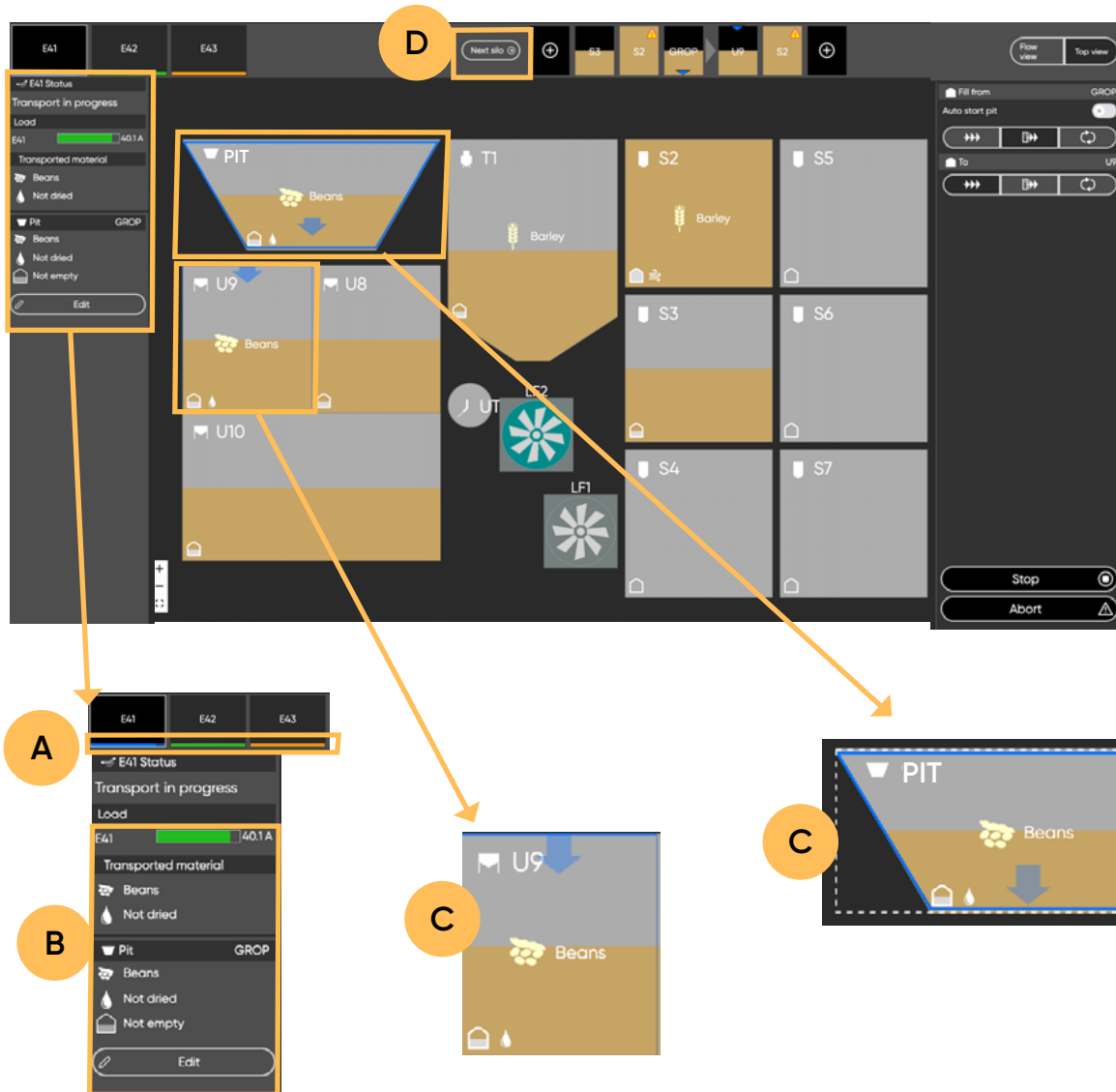
- Start: Click to start the process.
- Stop: Click to terminate the process.
- Cancel: Emergency stop. Click to cancel the process immediately. Question appears as a pop-up:





Status – Top view

This shows the status of transports and storage locations in top view.



A. The coloured line is unique for each transport. (The same colour is used in flow view).

B. The status and information about the crop and the device on the transport route are given in text format in the menu.

C. The coloured selection shows the selected storage location. When transporting is in progress, the direction is shown with animated arrows:



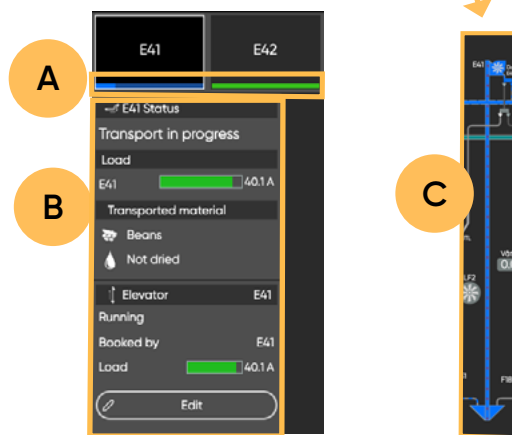
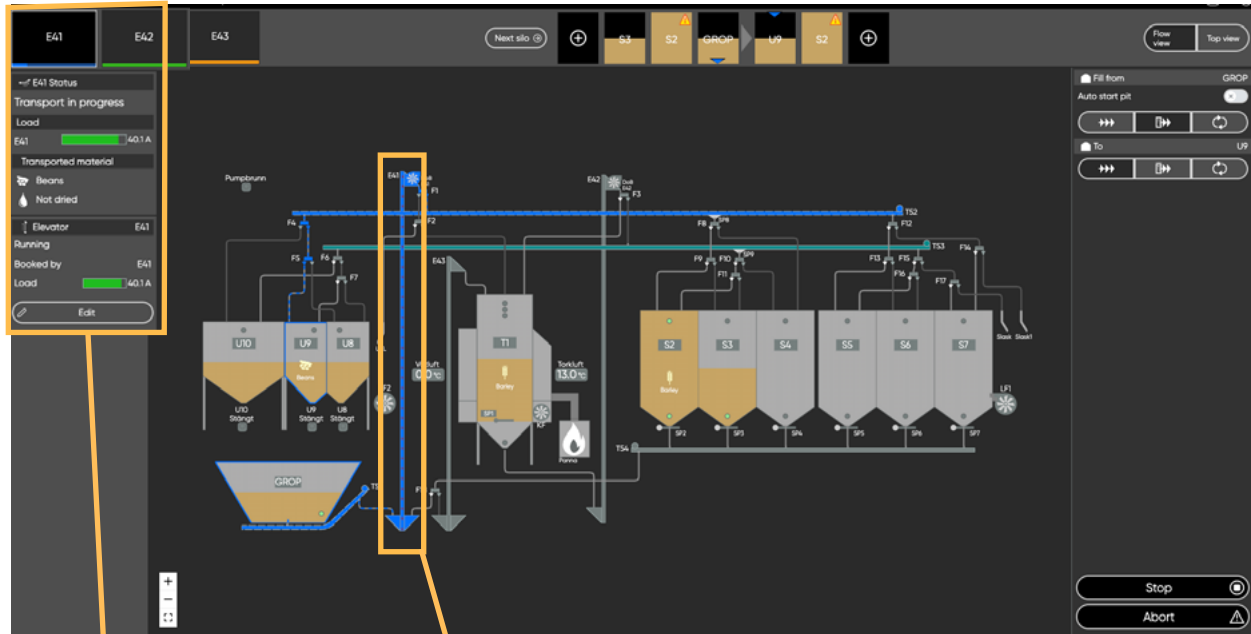
Arrow at the bottom of the device: Emptying

Arrow at the top of the device: Filling

D. Click to change the storage location in the queue, in this case: switch from PIT to U9.

Status – Flow view

This shows the status of transports and storage locations in Flow view.



A. The coloured line is unique for each transport. When transporting is in progress, an animated line appears at the bottom. (The same colour is used in top view).

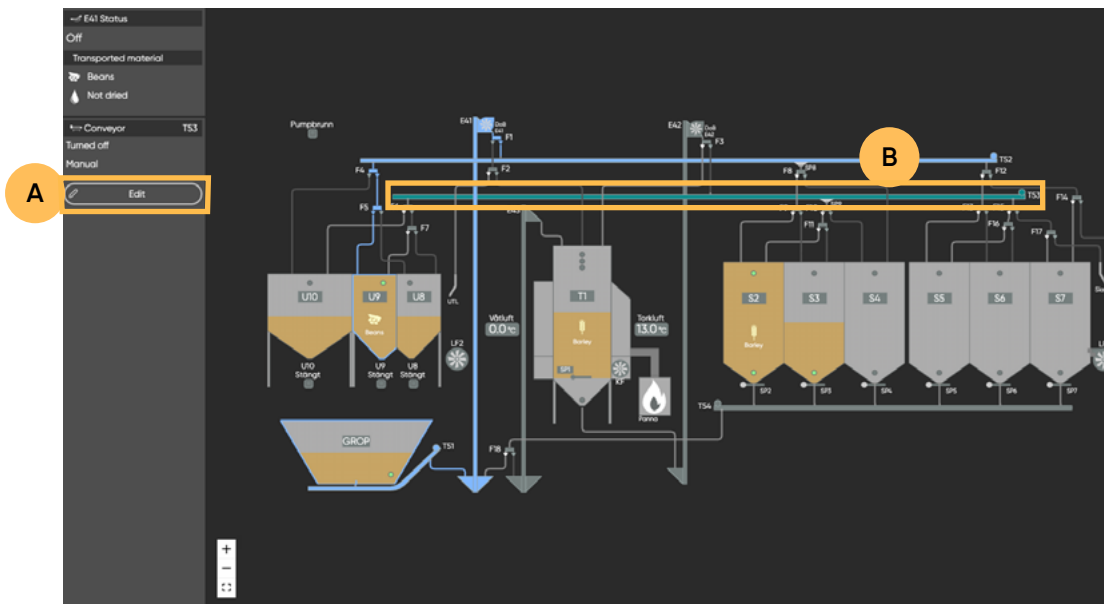
B. Shows status and information about crop and device on the transport route. Click **Edit** to access view with editing capabilities.

C. The coloured line shows the selected transport route. When transporting is in progress, an animated line indicates the direction of transport.



Manual control

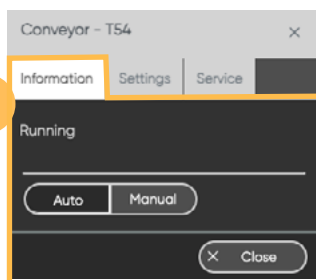
Manual control of transport is managed here *Note! Full access as flow view, limited access as top view.*



The menu can be accessed in two different ways:

A. Click on the device, and then **Edit** in the left menu.

B. Right-click on a device.



Tab 1: Information

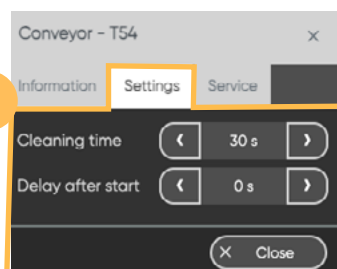
Status message in text:

- Running: Indicates that the device is running.
- Turned off: Indicates that the device is turned off.
- Booked by: Indicates which device is using the transport.
- Setting the operating mode:

Auto: Click to control the device automatically by active transports

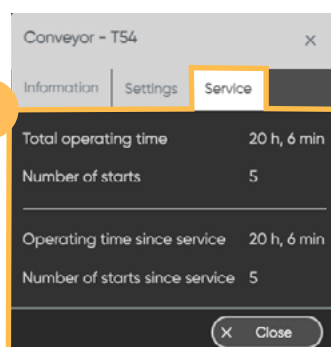
Manual: Click to enable manual operation (coloured turquoise in overview when selected)

- Cleaning (only displayed when the process has been cancelled): Indicates how much cleaning time is left.
- Close: Click to close the view. Changes made are saved.



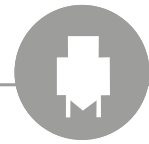
Tab 2: Settings

- Cleaning time: Enter the cleaning time (sec).
- Delay after start: Enter the delay after start (sec).
- Close: Click to close the view. Changes made are saved.



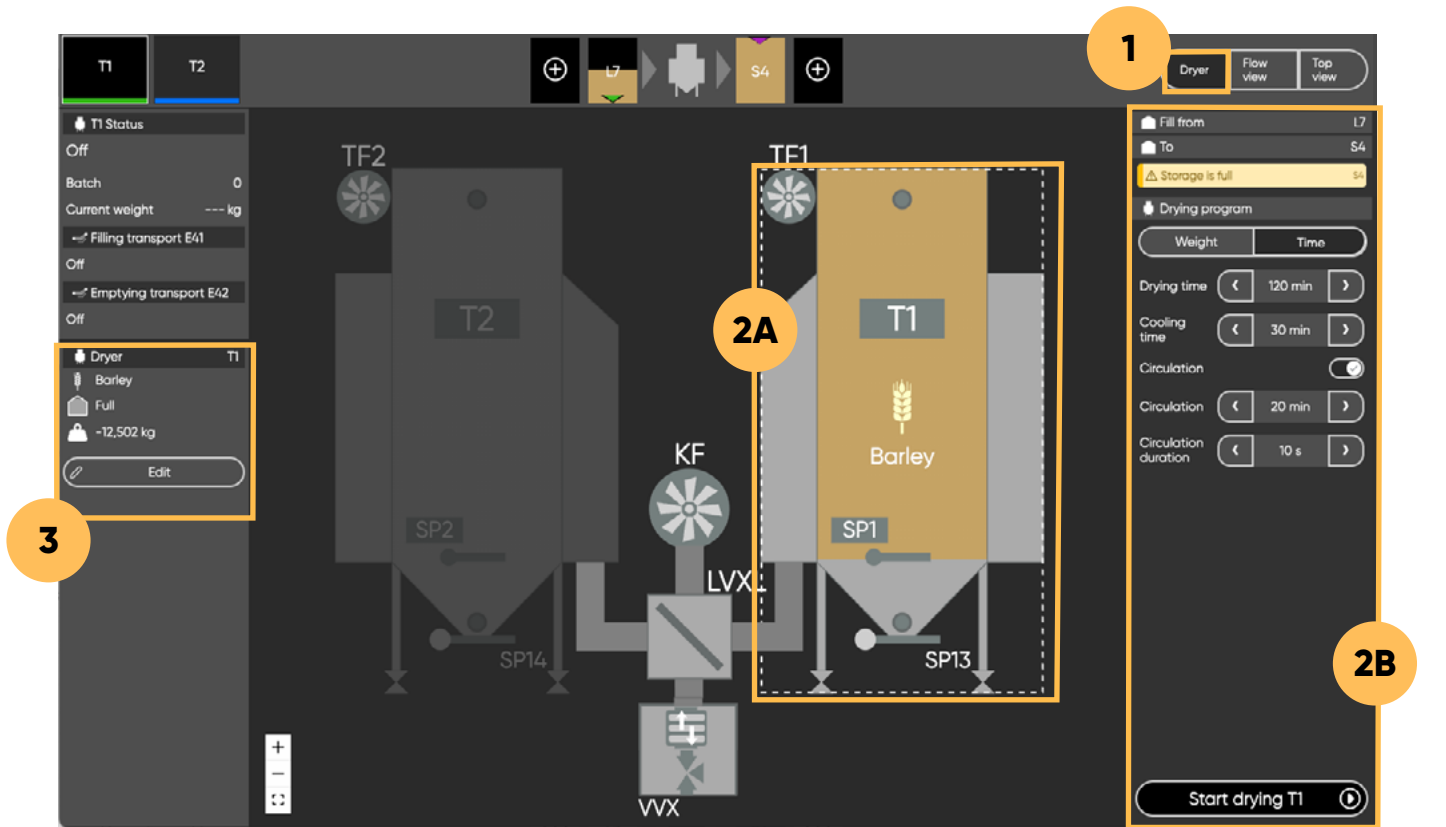
Tab 3: Service

- Started: Indicates when the device was last started.
- Time since start: Indicates the time since the last start.
- Total operating time: Indicates the total operating time.
- Number of starts: Indicates the number of starts.
- Operating time since service: Indicates the operating time since the last service.
- Number of starts since service: Indicates the number of starts since the last service.
- Close: Click to close the view.



Batch dryer – Time control

This is where settings for batch driers with time control are managed. *Note! When selecting a dryer, a third view option is offered, focusing on the details of the dryer (see 1).*

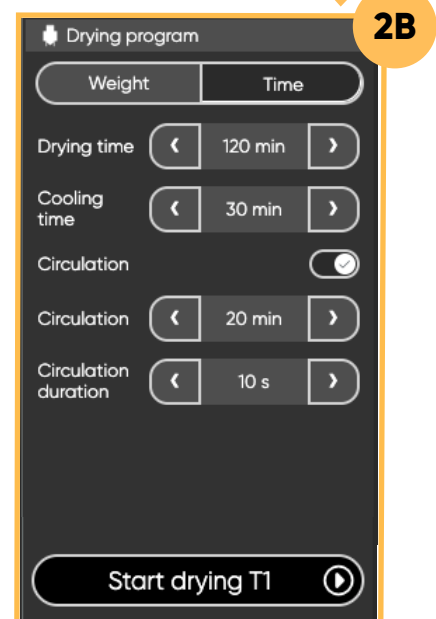


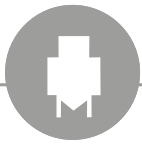
2A. Click on the dryer you want to set a program for. The menu on the right side of the display shows its settings.

2B. Setting the drying program:

- Time: Click to select this drying program.
- Drying time: Enter drying time (min).
- Cooling time: Enter cooling time (min).
- Circulation: Specify whether the dryer should circulate during drying and cooling
 - Selected: Circulation is active.
 - Unchecked: Circulation is inactive.
- Circulation: Enter the circulation duration (min).
- Circulation duration: Specify how long the drying damper should be open (sec).
- Start: Click to start the drying process.

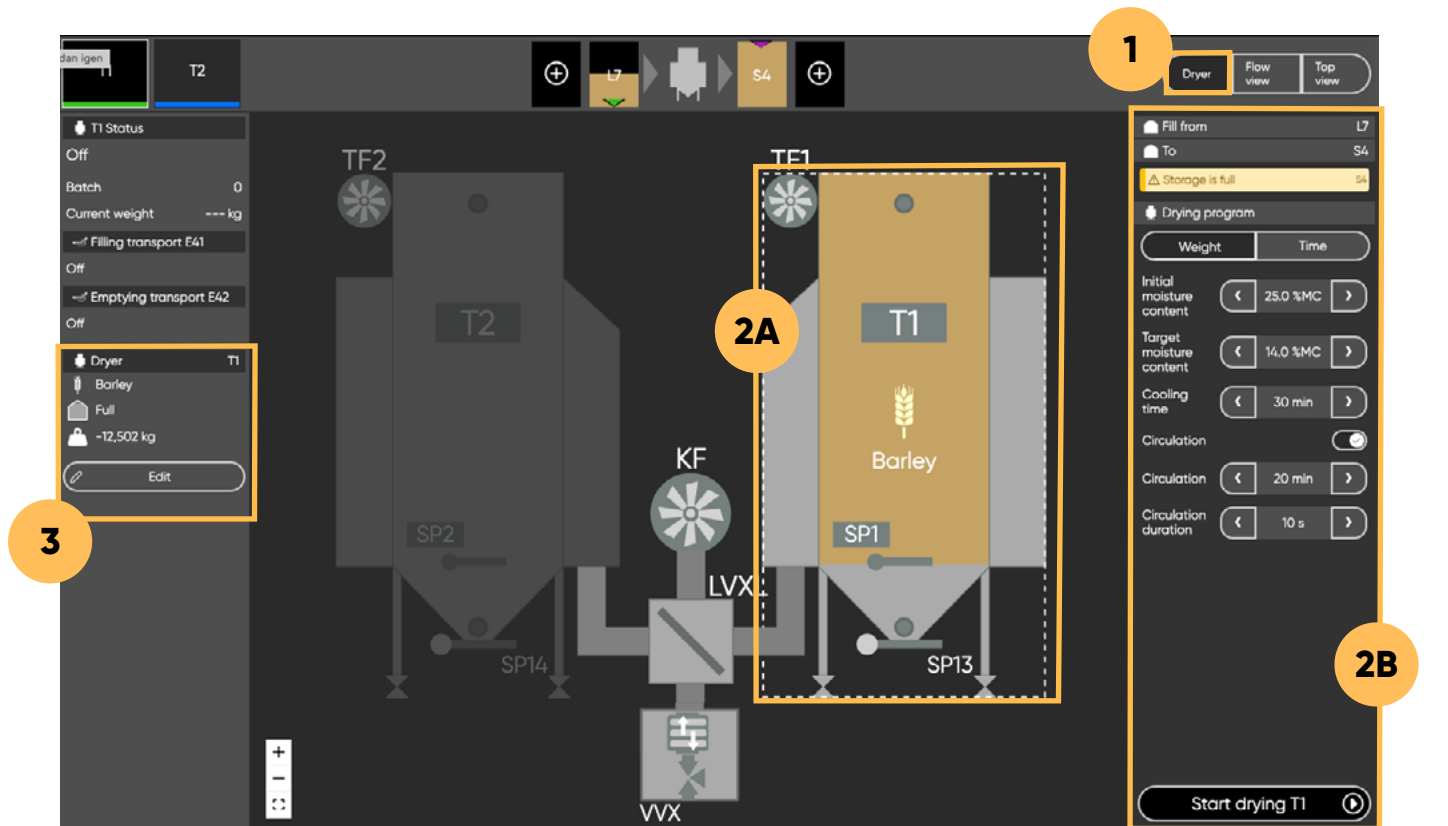
3. Dryer setting selection: When a dryer is selected, its status and information are displayed in text format in the left-hand menu. Click **Edit** to access the view with other settings for the dryer, see relevant section. This menu can also be accessed by right-clicking on the dryer.





Batch dryer – Weight control

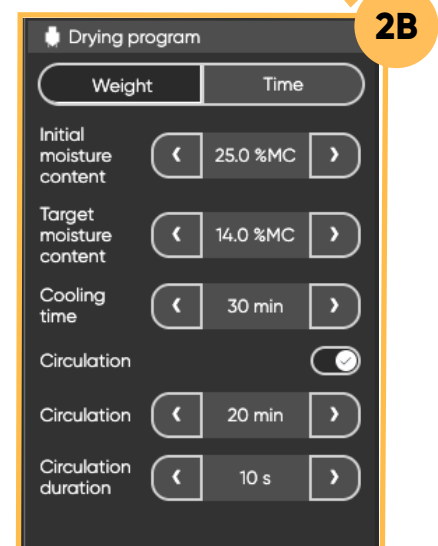
This is where settings for batch driers with weight control are managed. *Note! When selecting a dryer, a third view option is offered, focusing on the details of the dryer (see 1).*



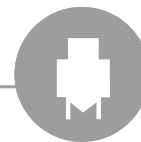
2A. Click on the dryer you want to set a program for. The menu on the right side of the display shows its settings.

2B. Setting the drying program:

- Weight: Click to select the drying program.
- Input water content: Enter the loaded moisture content (%).
- Target moisture content: Enter the desired moisture content (%).
- Cooling time: Enter cooling time (min).
- Circulation: Specify whether the dryer should circulate during drying and cooling.
 - Selected: Circulation is active.
 - Unchecked: Circulation is inactive.
- Circulation: Enter the circulation duration (min).
- Circulation duration: Specify how long the drying damper should be open (s).
- Start: Click to start the drying process.

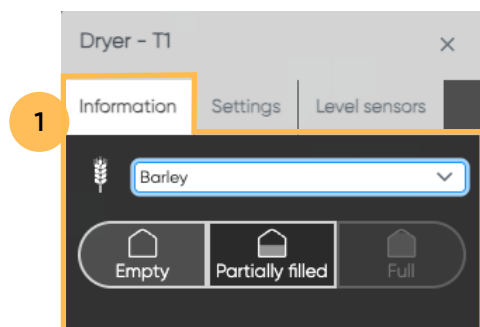


3. Dryer setting selection: When a dryer is selected, its status and information are displayed in text format in the left-hand menu. Click **Edit** to access the view with other settings for the dryer, see relevant section. This menu can also be accessed by right-clicking on the dryer.



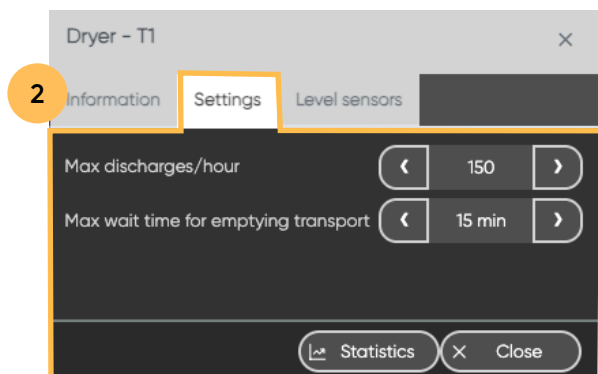
Continuous dryer - Settings

General settings for continuous dryer are managed here.



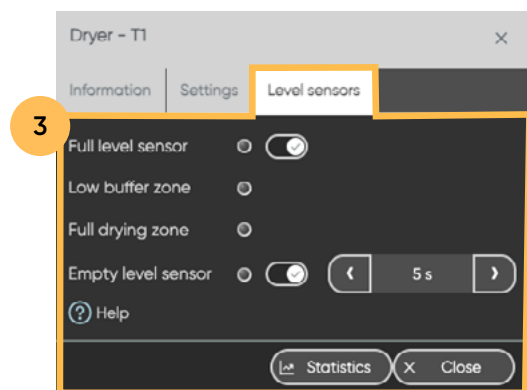
Tab 1. Information

- Crop: Enter grain. Selected from list.
- Fill level. Icons indicate fill level:
 - Empty. The storage location is empty.
 - Partially filled: The storage location is partially filled.
 - Full: The storage location is full.
- Statistics: See relevant section.
- Close: Click to close the view. Changes made are saved.



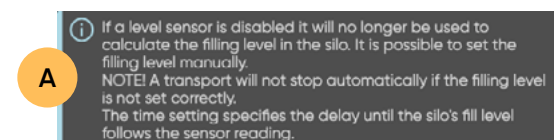
Tab 2. Settings

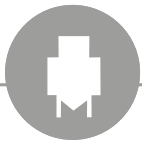
- Maximum discharges/hour: Specify the maximum number of discharges per hour.
- Max wait time for emptying transport: Indicates the maximum wait time in minutes.
- Statistics: See relevant section.
- Close: Click to close the view. Changes made are saved.



Tab 3. Level sensors

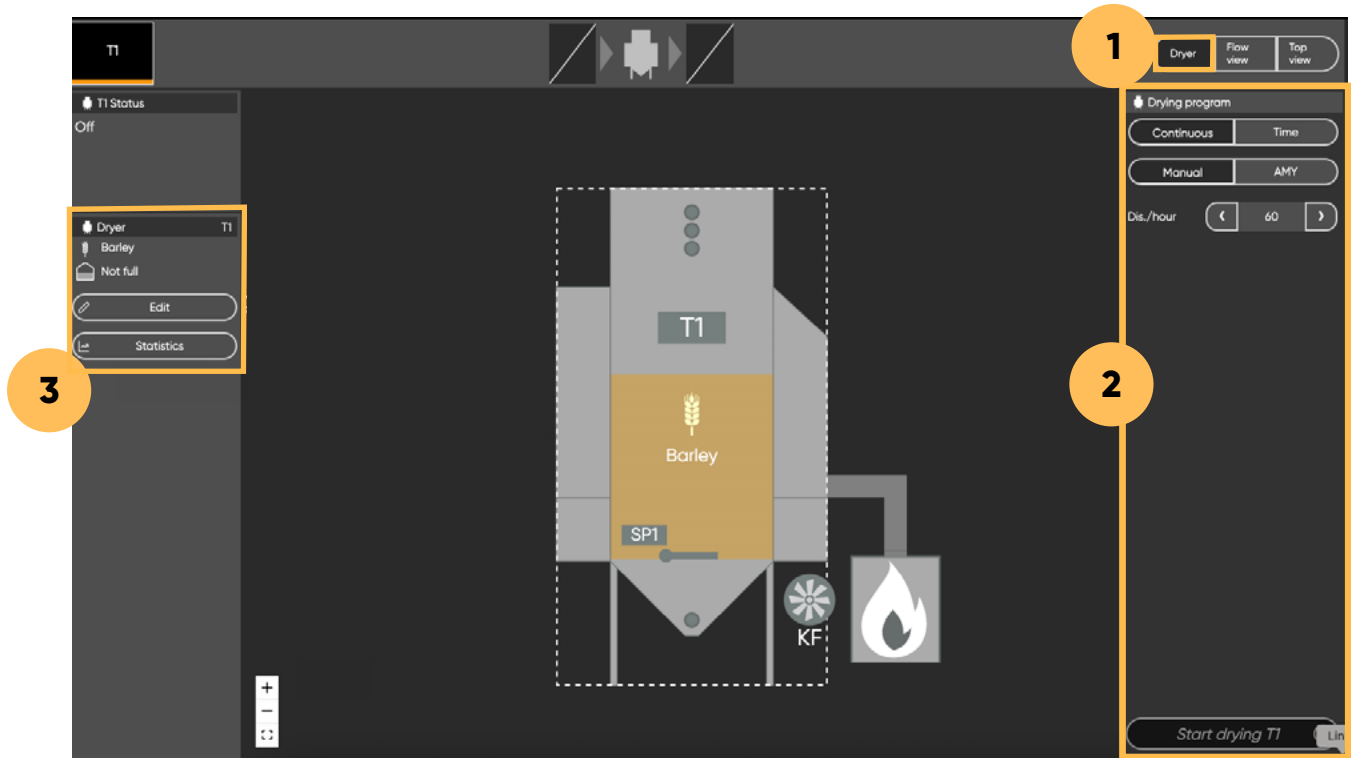
- Full level sensor: Enables or disables monitoring of the full level sensor.
- Low buffer zone: Green indicator shows that the grain level has reached the sensor.
- Full drying zone: Green indicator shows that the drying zone is still filled with grain. There is grain on the sensor.
- Empty level sensor: Enables or disables monitoring of the empty level sensor. Specify in seconds how long the empty level sensor should be active before the signal is registered.
- Help: On click, a pop-up with information text expands (see A).
- Statistics: See relevant section.
- Close: Click to close the view. Changes made are saved.





Continuous dryer – Manual control

This is where settings for manual control of transport are managed. *Note! When selecting a dryer, a third view option is offered, focusing on the details of the dryer (see 1).*

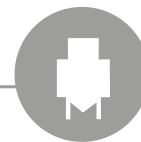


2. Setting the drying program:

- Continuous: Click to select the drying program.
- Manual: Click to select manual control.
- Dis./hour (discharge speed): Enter the number of discharges per hour.
- Temperature: Enter drying temperature (if available).
- Start: Click to start the drying process.

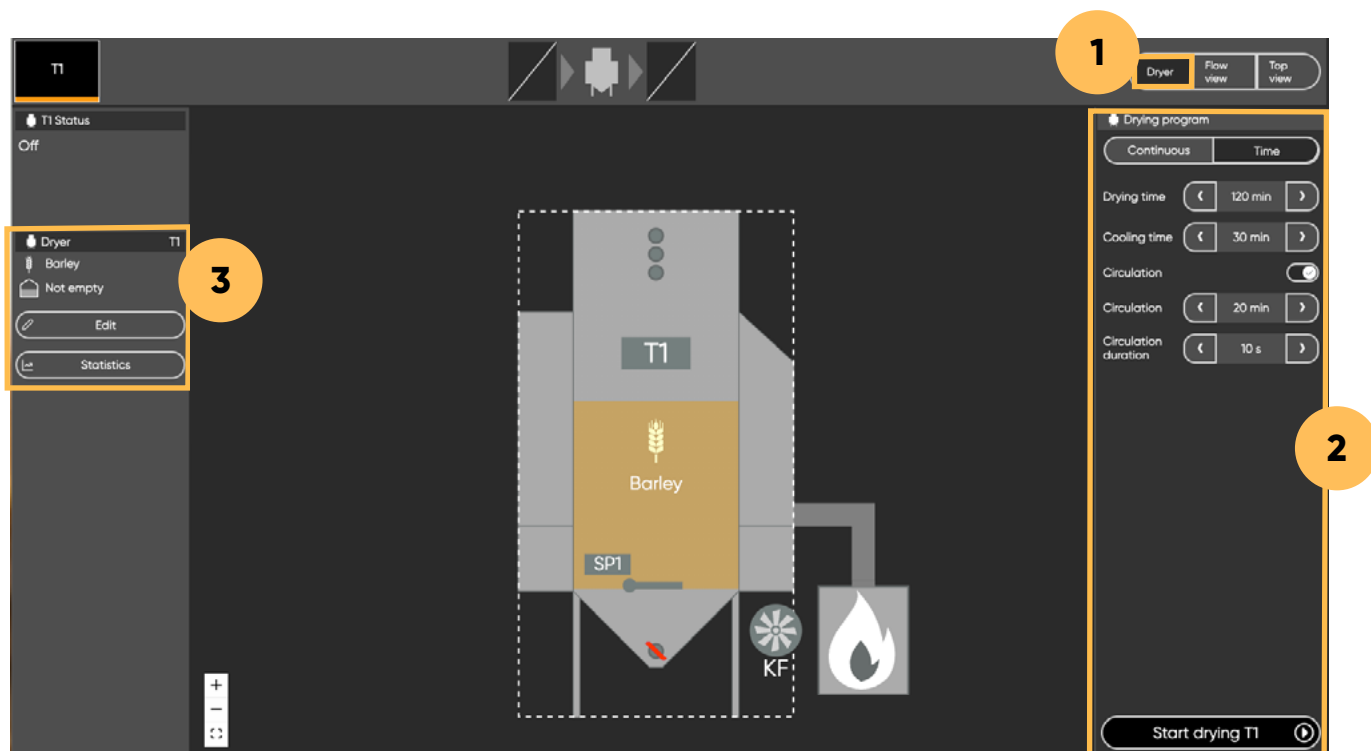


3. Dryer setting selection: When a dryer is selected, its status and information are displayed in text format in the left-hand menu. Click **Edit** to access the view with other settings for the dryer, see relevant section. This menu can also be accessed by right-clicking on the dryer.



Continuous drying – Time control

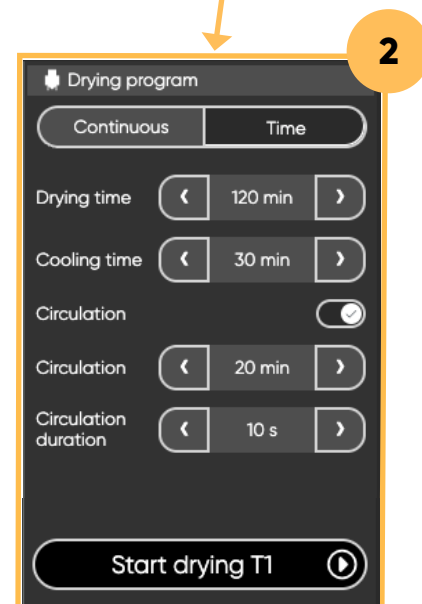
Here you can manage settings for continuous dryer with time control. *Note! When selecting a dryer, a third view option is offered, focusing on the details of the dryer (see 1).*

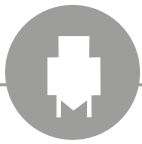


2. Setting the drying program:

- Time: Click to select the drying program.
- Drying time: Enter drying time (min).
- Cooling time: Enter cooling time (min).
- Circulation: Enables or disables the dryer's circulation function.
- Circulation: Enter the circulation duration (min).
- Circulation duration: Specify how long the drying damper should be open (sec).
- Start: Click to start the drying process.

3. Status and information are displayed in text format in the menu.





Continuous dryer – AMY control

Here, continuous dryer settings are managed with AMY control. *Note! When selecting a dryer, a third view option is offered, focusing on the details of the dryer (see 1).*

2. The status and information about the selected dryer are displayed in text format in the left-hand menu.

3. Setting the drying program:

- Continuous: Click to select the drying program.
- AMY: Click to select AMY.

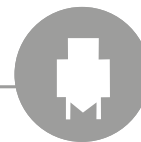
Selection of operating mode:

- A. Auto: Automatic mode.
- B. Man: Manual mode.
- C. Res: Restart (restart of last selected mode).

4. The meter shows:

- Letter (A or M): Indicates which operating mode is active.
- PV: Indicates the current value.
- SP: Indicates the set set point.
- Dis./hour: Indicates the current discharge rate.

For a full description of AMY functions, operating modes, and settings, refer to the Grain Control Drier AMY User Manual, article no.: ZGC600408EN.



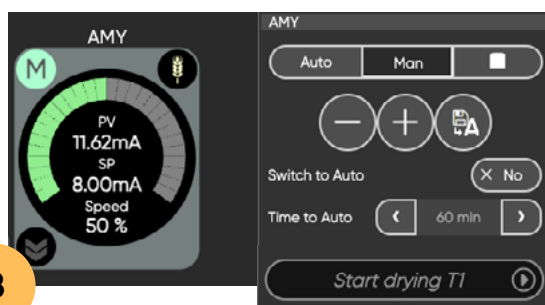
Here is the current regulation for AMY control.



A

A. Auto Operating Mode:

- Auto (selected): Indicates that Automatic Mode is active.
- Man: Click to switch from auto to manual mode.
- Stop: Stops the drying program.
- Minus sign: Reduces the set point (SP).
- Plus sign: Increases the set point (SP).
- Save icon: Click to save the set point (SP) of the selected crop.



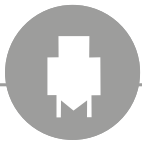
B

B. Manual Operating Mode:

- Auto: Click to switch from manual to automatic mode.
- Manual (selected): Indicates that Manual mode is active.
- Stop: Stops the drying program.
- Minus sign: Reduces the set point (SP).
- Plus sign: Increases the set point (SP).
- Save icon: Click to save the current manual value as set point (SP) for the transition to automatic mode.
- Switch to Auto: Click Yes or No to automatically switch to automatic mode.
- Time to Auto: Specify the time when the operation should go into automatic mode.

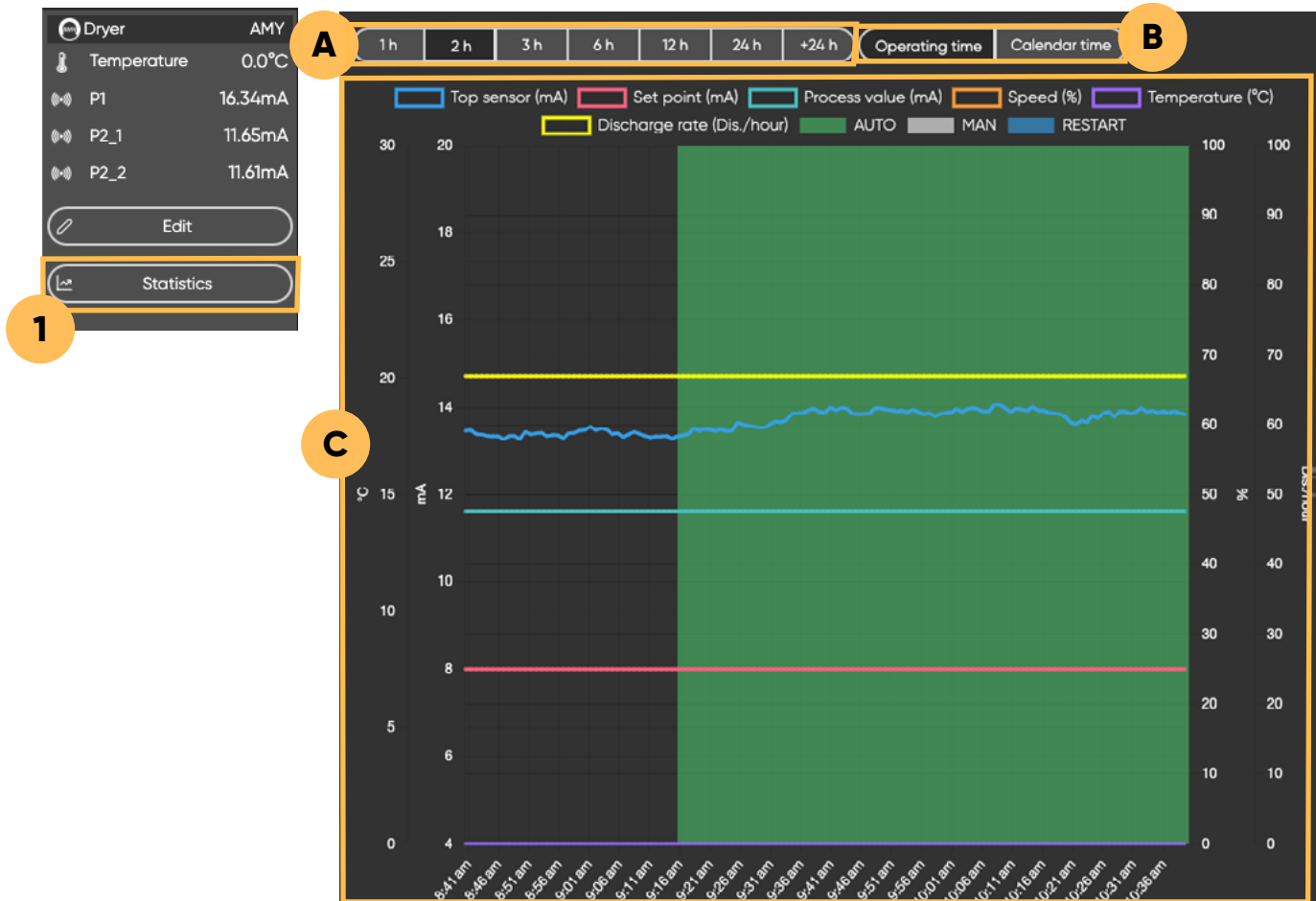


For a full description of AMY functions, operating modes, and settings, refer to the Grain Control Drier AMY User Manual, article no.: ZGC600408EN.



Continuous dryer – Statistics

Historical values for the selected dryer are shown here.



A. Time interval: Enter the time interval for displaying historical data.

B. Operating time (selected): Click to display data based on operating time.

Calendar time: Click to display data based on calendar time.

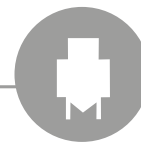
C. Graph showing historical values for available parameters, for example:

Top Sensor (blue), Set Point (red), Process Value (turquoise), Speed (orange), Temperature (purple), Discharge Rate (yellow)

- Colour markings indicate which operating mode has been active during the selected period:

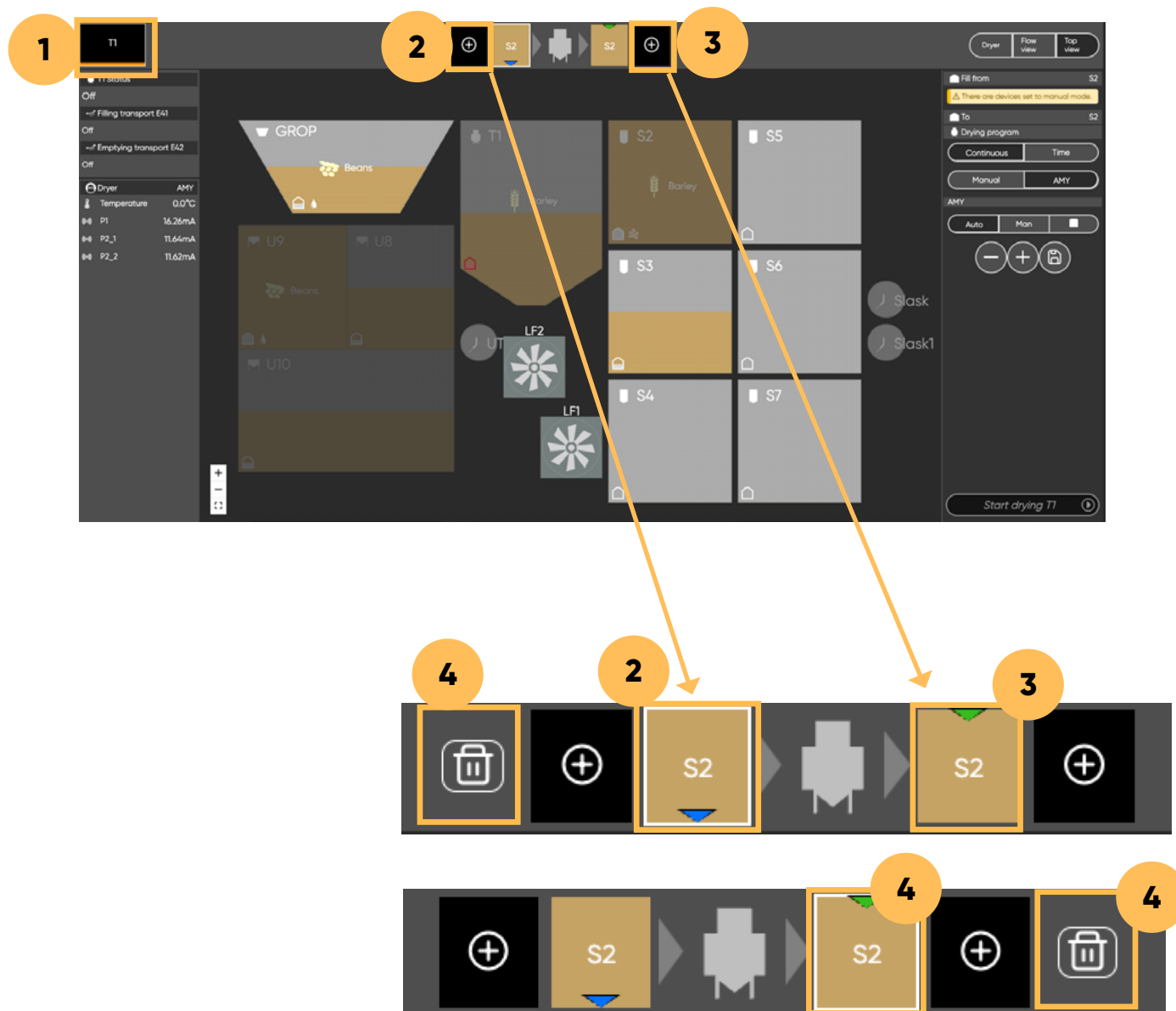
Auto/Manual/Restart

- Close: Click to close the view.

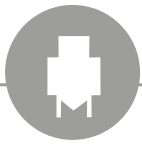


Dryer transport queue

Here, transport from the dryer to the selected destination is planned.

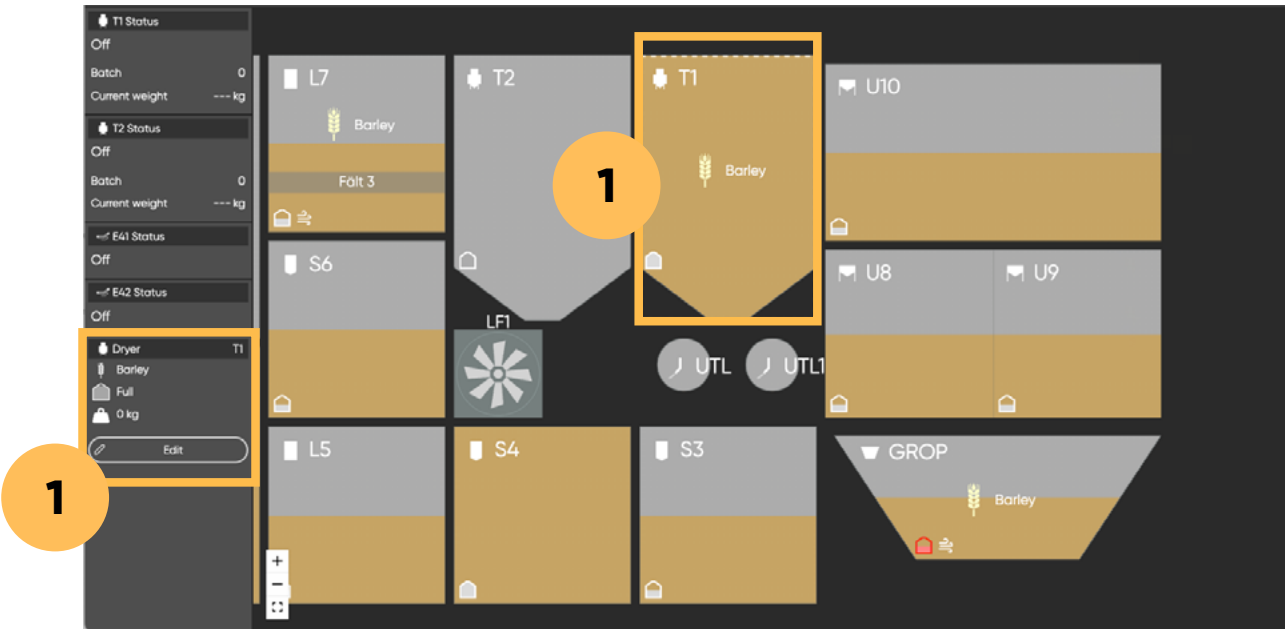


1. Specify which dryer the transport should start from.
2. Enter collection location: Click on the plus sign in front of the dryer icon to indicate where the crop should be collected from. Selections can also be made with drag'n drop, by clicking on the device and dragging it to the plus sign.
3. Enter destination: Click the plus sign after the arrow to add queues.
4. Delete: Click on the selected storage location, then on the recycle bin can that appears to the right or left of the queue order.

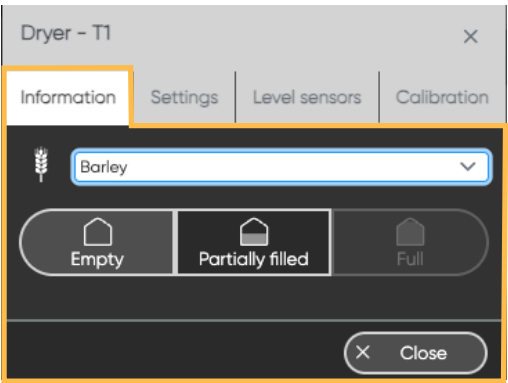


Batch Dryer – Settings

General settings for batch driers are managed here.

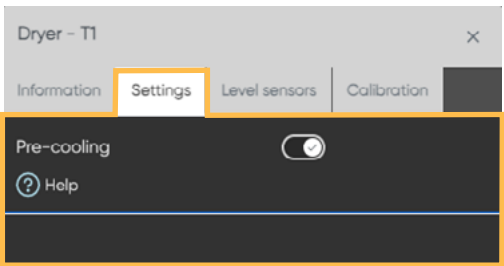


1. Dryer setting selection: When a dryer is selected, its status and information are displayed in text format in the left-hand menu. Click **Edit** to access the view with settings for the dryer. This menu can also be accessed by right-clicking on the dryer.



Tab 1: Information

- Crop: Enter: Not specified grain. Selected from list.
- Fill level information.
- Information weight: Shows current weight. After tare, 0 kg is shown.
- Tare weight: Click to reset the scale when the dryer is empty.
- Close: Click to close the view. Changes made are saved.

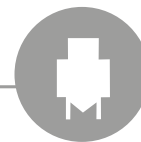


Tab 2. Settings

- Pre-cooling: Enabling or disabling cooling before emptying.
- Help: On click, a pop-up with information text expands (see A).

A

When pre-cooling is enabled, the cooling fans will run before drying as long as the heat source is used by a different drying process.



Continued: General settings...

Tab 3. Level sensors

- Full level sensor: Enables or disables monitoring of the full level sensor. Green indicator shows that the grain level has reached the sensor.
- Empty level sensor: Enables or disables monitoring of the empty level sensor. The set time specifies how long the signal should be active before it is registered. Green indicator shows that the grain level has reached the sensor.
- Load cells: Indicates the current weight of the dryer's load cells.
- Help: On click, a pop-up with information text expands (see A).
- Close: Click to close the view. Changes made are saved.

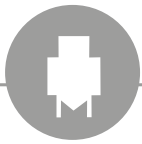
A

! If a level sensor is disabled it will no longer be used to calculate the filling level in the silo. It is possible to set the filling level manually.
NOTE! A transport will not stop automatically if the filling level is not set correctly.
The time setting specifies the delay until the silo's fill level follows the sensor reading.

Tab 4: Calibration

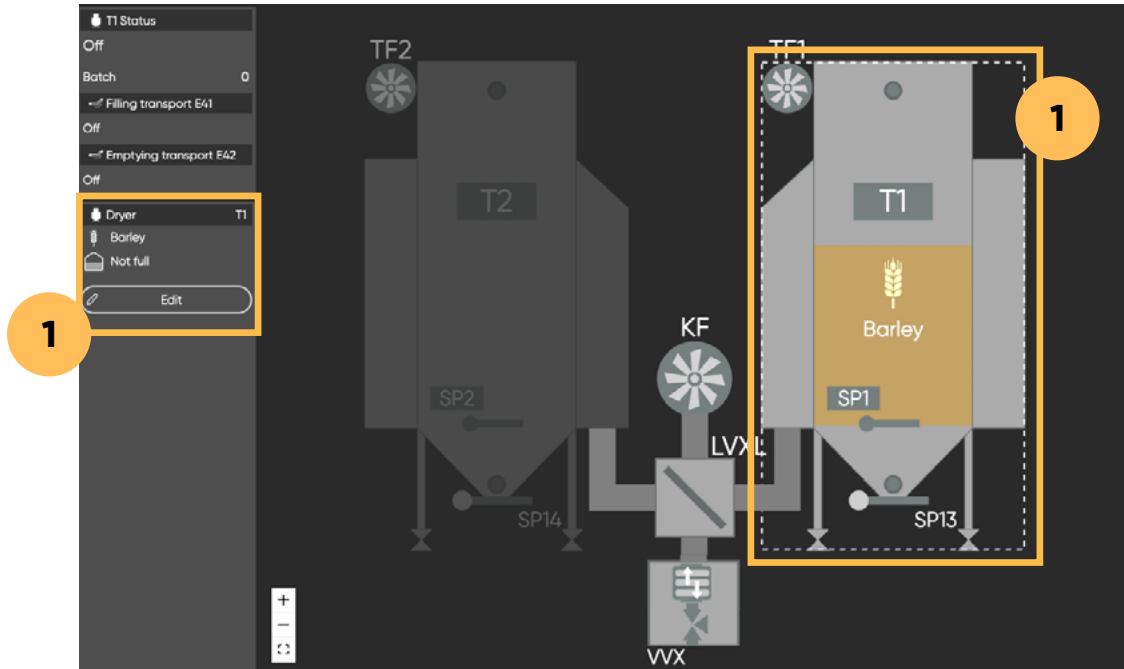
- Current value: Displays the current weight recorded by the scale.
- Reference value: Enter the known weight to use for calibration.
- Calibrate: Click to calibrate the scale with the specified reference value.
- Close: Click to close the view. Changes made are saved.

Warning: Informs that the scale must be tarred before calibration can be performed.

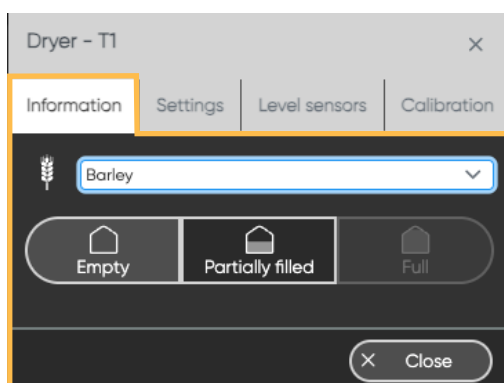


Batch dryer with weight control – Tare and calibration of scales

Here, the scale of the dryer is reset.

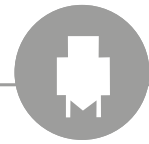


1. Dryer setting selection: When a dryer is selected, its status and information are displayed in text format in the left-hand menu. Click **Edit** to access the view with settings for the dryer. This menu can also be accessed by right-clicking on the dryer.



Tab 1: Information

- Crop: Enter crop. Selected from list.
- Fill level: Enter the fill level with the icons.
- Close: Click to close the view. Changes made are saved.



Tare and calibration continued...

Here, the scale of the dryer is calibrated using a known reference weight.

Important! Before calibrating make sure that the scale is tared.

Dryer - T1

Information Settings Level sensors Calibration

⚠ Before calibrating make sure that the scale is tared

Current value 24,288 kg

Reference value < 20,000 kg >

Calibrate

✕ Close

Tab 4: Calibration

- Current value: Indicates the current weight recorded by the scale.
- Reference value: Enter the known weight to use for calibration.
- Calibrate: Click to calibrate the scale with the specified reference value.
- Close: Click to close the view. Changes made are saved.



Alarms – Via list

Active and historical alarms are managed here.

The screenshot shows the Alarms interface. At the top, there are tabs for T1, T2, F41, and F42. Below the tabs is a table with columns: Time, Code, Severity, and Message. The table contains one row: 6/16/26, 12:53 PM, 304, Alarm, TS4: Device alarm. Below the table is a 'Reset all' button. To the right of the table is a 'Show expired messages' button. A sidebar on the right contains icons for Home, Search, Add, Alarm (highlighted with a red circle and '1'), and a bar chart. A pop-up window titled 'Alarm' shows the details of the alarm: 304 - TS4: Device alarm. It has 'Reset' and 'Close' buttons. Below the pop-up is a detailed view of the alarm list with annotations A and B. Annotation A points to a row that is greyed out. Annotation B points to a 'Clear expired message' button. There is also a 'Show expired messages' button at the bottom right of the detailed view. A 'Reset all' button is at the bottom left of the detailed view.

Time	Code	Severity	Message
6/16/26, 12:53 PM	304	Alarm	TS4: Device alarm

Annotations:

- 1: Alarm icon in the sidebar.
- 2: Alarm list table.
- 3: Alarm Information/Error Message pop-up.
- 4: Show expired messages button.
- 5: Reset all button.
- A: Greyed out row in the detailed alarm list.
- B: Clear expired message button.

1. Alarm icon: Red warning notification indicates active alarms. Click to open the alarm list.

2. Alarm list: Displays recorded alarms with information such as time, device, and status. Click on the row to access alarm/error message via pop-up.

3. Alarm Information/Error Message: Pop-up with more information about the alarm.

Reset: Click to reset alarm.

Close: Click to close the view.

4. Show expired messages: Click in the selection to view previous alarms:

A. These appear greyed out in the list.

B. Clear old messages: Click to clear previous alarms from the list.

5. Reset all: Click to delete all alarms.

Explanation symbols:

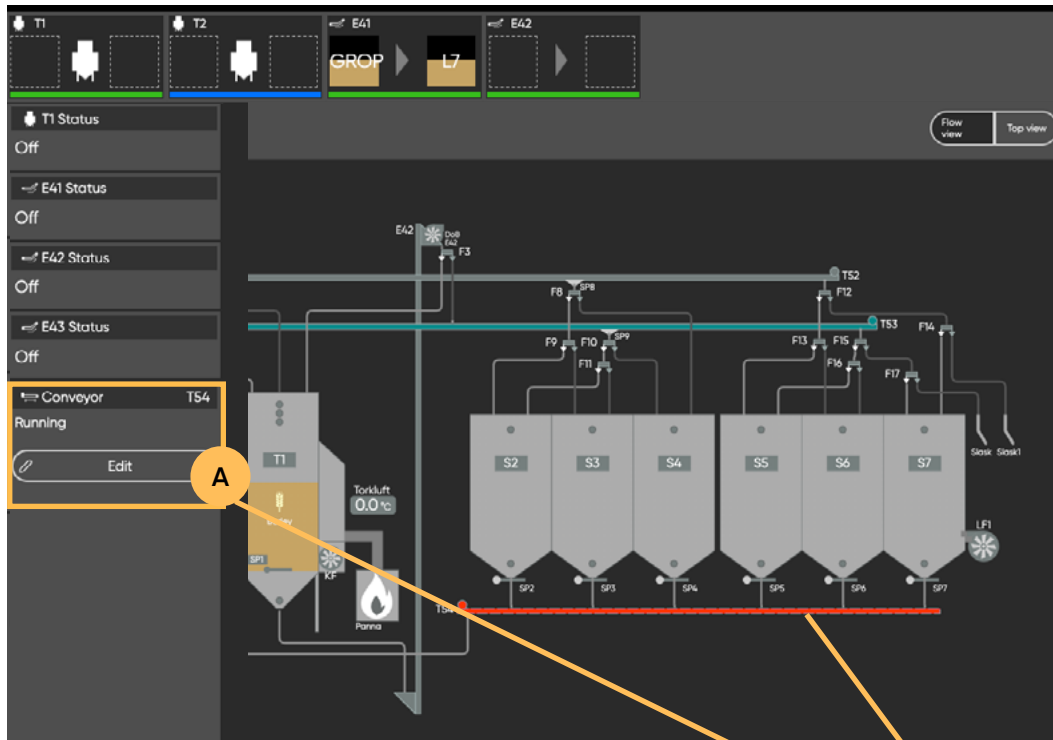
▲ Yellow triangle: Warning

⊘ Red crossed-out circle: Alarm



Alarms – Via flow view

Here, alarms are managed directly on the device in flow view. *Note! Full access as flow view, limited access as top view.*

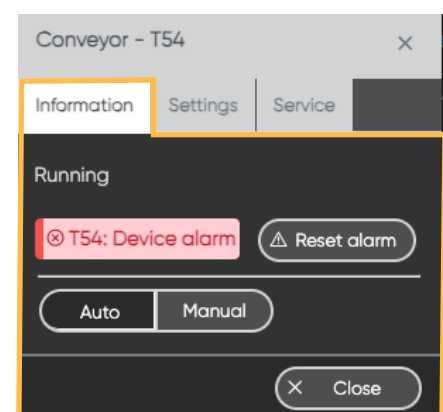


A. Red device shows active alarm. Right-click on the device for information via pop-up. Left click to bring up **Edit** in the left menu. Click to access the pop-up menu with information.

Tab 1. Information

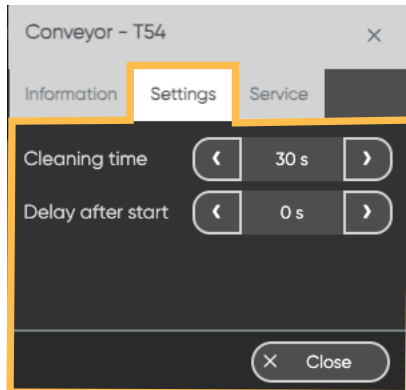
Status message in text:

- Running: Indicates that the device is running.
- Turned off: Indicates that the device is turned off.
- A warning will appear if the device has not been cleaned. Click Cleaned to confirm that cleaning has been performed.
- Red/pink box with text: Indicates the current status of the device and active alarms. Check the device's sensor to identify the cause of the alarm.
- Reset alarm: Click to reset the active alarm.



Setting operating mode:

- Auto: Click to control the device automatically by active transports.
- Manual: Click to enable manual operation (coloured turquoise in the overview when selected).
- Close: Click to close the view. Changes made are saved.

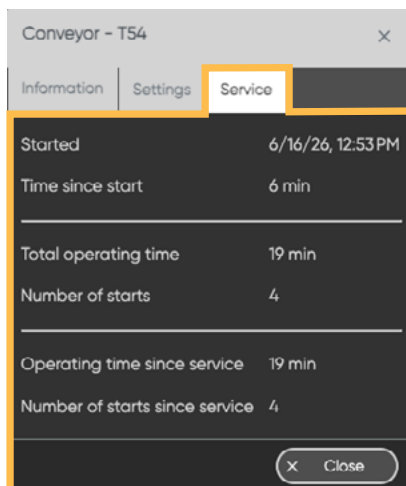


Tab 2: Settings

- Cleaning time: Indicates the cleaning time (sec).
- Delay after start: Indicates the delay after start (sec).
- Close: Click to close the view. Changes made are saved.

Tab 3: Service

- Started: Indicates when the device was last started.
- Time since start: Indicates the time since the last start.
- Total operating time: Indicates the total operating time.
- Number of starts: Indicates the number of starts.
- Operating time since service: Indicates the operating time since the last service.
- Number of starts since service: Indicates the number of starts since the last service.
- Close: Click to close view.



For further questions, please contact:

graincloud.se / info@graincloud.com / +46 512 79 70 00