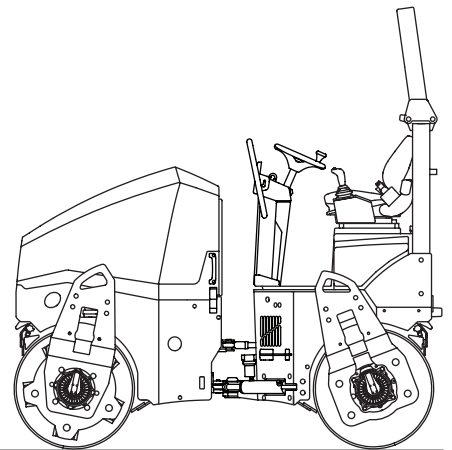


# eARX 26-2

TANDEM ROLLER



## OPERATING MANUAL

EDITION 04/2022 EN  
Product Identification Number 3000000 -

**AMMANN**

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## **2 OPERATING MANUAL**

### **eARX 26-2**

**2.1.6 Safety notices and signs applied on the machine**

1 Read the operating instructions



2702bz

Get perfectly familiar with the machine operation and maintenance according to the operating instructions!

2 Read the operating instructions



4078bz

Get perfectly familiar with the machine operation and maintenance according to the operating instructions. Improper handling of the machine can cause injury or death by electric shock!

3 Risk of pressing



3865

Keep a safe distance from the machine, there is a danger of squeezing by the machine between the front and rear frame.

4 Risk of injury



4231bz

There is a risk of burns. Do not touch hot parts of the machine unless you make sure that they are sufficiently cold.

5 Risk of injury



3864bz

There is a risk of fatal injury. Do not operate the machine when the ROPS protective frame is lowered.

### 2.3.3 Removal of preservation of the machine

- Check all parts of the machine for damage during storage and for missing parts.



**If the machine has been preserved, remove the preservative agents as follows:**

**Wash off the preservative agents using a high-pressure stream of hot water with common degreasers:**

- Wash the machine while observing environmental principles.
- **Caution! Do not use a high-pressure stream to wash the highlighted parts of the machine as shown in Fig. 740024, as this could seriously damage the machine.**
- Prevent water from entering underneath the machine bonnet into the traction battery and converter compartment.
- It is prohibited to use stream of water near the traction battery.
- Wash the machine with a high-pressure stream only up to a maximum angle of 90 degrees downwards.

**Remove the preservation and wash the machine in places with intercepting sumps to catch the water and de-preservation agents.**

---



**Before putting the machine into operation, check the operating fluids and the battery charge condition.**

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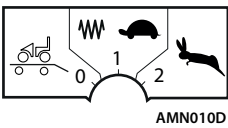
**Vibration switch (3)**

Press the switch to turn on/off the vibration function.  
 The vibration function can only be turned on in the working mode of the machine, when the travel control is in the forward (F) or reverse (R) position.  
 The function is displayed on the display (1).



**Additional sprinkling button (4)**

As long as the button is pressed, additional manual drum sprinkling is activated.



**Travel mode switch (5)**

- Loading mode (0)
- Limited travel speed.
  - Blocked working functions of the machine (vibration).
- Working mode (1)
- Machine working speed (7 km/h).
  - Option to activate the working functions of the machine (vibration).
- Transport mode (2)
- Machine transport speed (10 km/h).
  - Blocked working functions of the machine (vibration).



**Warning horn switch (6)**



**Activation button (7)**

The button is used to reactivate the machine from the sleep mode.  
 The button includes a battery disconnecter indicator lamp.  
 The illuminated button indicator lamp indicates that the battery disconnecter is switched on.



**Ignition box (8)**

There are four positions “-I, 0, I and II” of the ignition box. The key can be inserted and removed in positions “-I” and “0”.

- Position “-I” is only used for charging the machine
- Position “0” is used to turn off the machine
- Position “I” is used to connect instruments
- Position “II” is used to start the machine



**Protect the ignition box with the protective cover after the key is pulled out.**



**Emergency brake button (9)**

Pressing the button activates the emergency brake of the machine. The machine stops and turns off all working functions. After activating the emergency brake button the parking brake (19) and emergency stop (22) indicator lamps are shown on the display.



**Warning lights switch (10)**

It is used for turning on/off the warning lights – the function is indicated by flashing the indicator lamp in the warning light switch.

## Dashboard cover

The cover protects the dashboard from:

- weather effects
- vandalism
- handling by others

The cover of the dashboard can be locked with a padlock; the padlock is not delivered in the machine equipment.



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### 2.7.3 Stopping and switching off the machine

- Turn off the vibration with the switch (3).
- Stop the machine by changing the travel control (2) to the neutral position (N).
- Brake the machine by changing the travel control (2) to the brake position (P).
- Switch over the key in the ignition box (8) to the position "0", take out the key from the ignition box and close the lid.

### 2.7.4 Machine emergency stop



---

**In an emergency situation requiring the machine to immediately stop, press the emergency brake button (6). The machine stops and turns off all working functions immediately.**

---

#### **Activation:**

- Press the emergency brake button (9) and the machine is braked and all working functions will be turned off.
- The parking brake indicator lamp (19) and the emergency stop indicator lamp (22) will light up on the display.

#### **Deactivation:**

- Turn the emergency brake button (9) in the direction of arrows.
- The emergency stop indicator lamp will go off.
- The parking brake indicator lamp (19) keeps lighting on the display.
- Move the travel control (2) to the parking brake position (P); you can restart the machine in this position.

### 2.7.9 Sprinkling

The water level in the tank is shown on the indicator (1).

Hole to fill the water tank (2).

Check the water level in the tank before putting the machine into operation.

Turn on the sprinkling with the sprinkling potentiometer (14).

Position 0 – sprinkling OFF

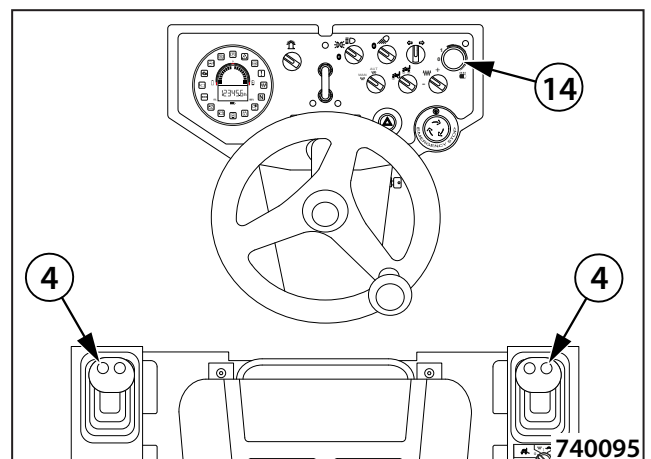
Position 1 – sprinkling ON

Turning from the position 1 to the right to turn on the interval sprinkling.

In the interval sprinkling mode you can continuously control the sprinkling break interval.

Using the sprinkling switch (4), it is possible to turn on the sprinkling at any time, e.g. before driving on a compacted bitumen surface.

Sprinkling automatically deactivates if the machine is not moving and automatic vibration is set.



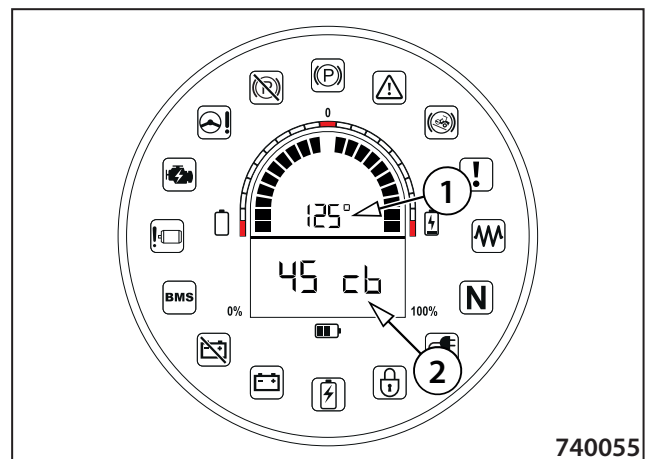
### 2.7.10 ACE Force (optional equipment)

The ACE Force system measures current surface compaction at the front drum and shows the value of compaction in the unit of cb (MN/m) on the multifunctional display.

1 - surface temperature

2 - compaction value

ACE Force is switched on and off by pressing the vibration switch (3). Values are not saved or printed.



### 2.7.14 Lowering and lifting of the ROPS frame with a plastic canopy

Only lower or raise the ROPS frame with the help of another person.



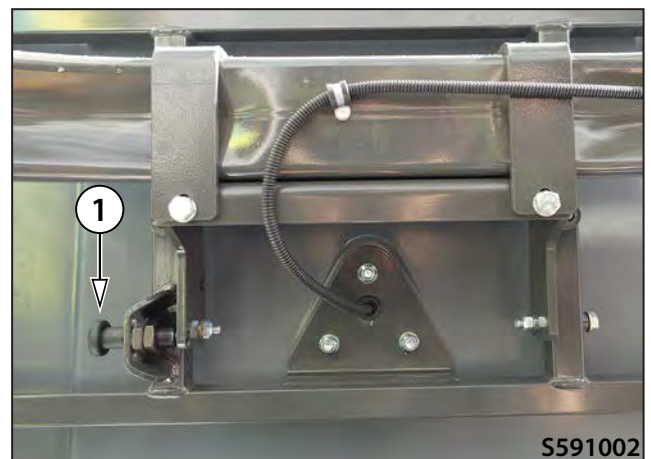
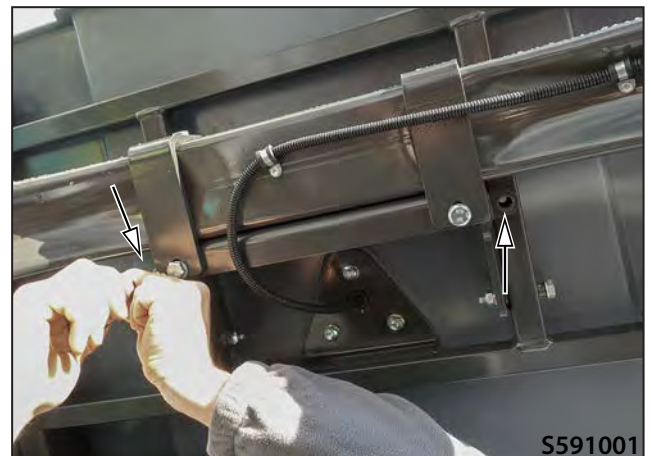
**It is forbidden to lower or raise the ROPS frame without the help of another person.**

**Use the lowered frame only for transporting the machine. Do not operate the machine when the ROPS frame is lowered.**

#### Lowering procedure

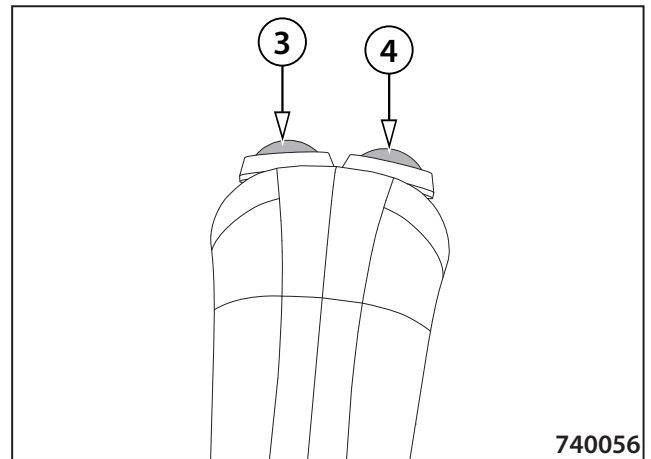
Remove the screws (2x) at the bottom of the plastic canopy.

Release the canopy by pulling out the lever (1) slightly and lower the canopy.



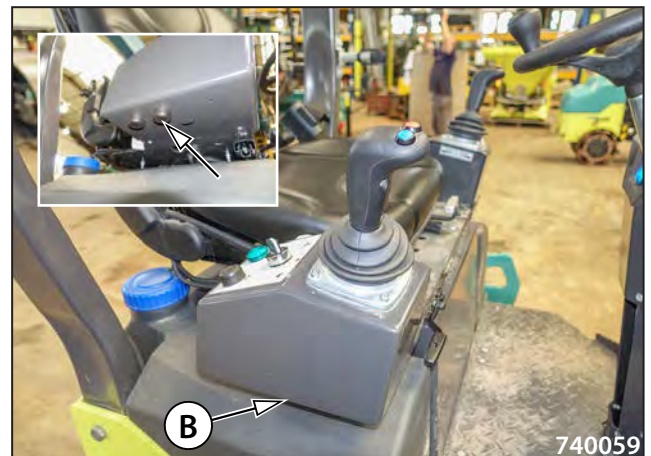
Use the select button (4) to select the tab and press OK (3) to confirm. The display will show the current state of the set parameter (e.g. SOFT when choosing the ramp – B1).

Select the parameter using the Select button (4) and confirm with the OK button (3).



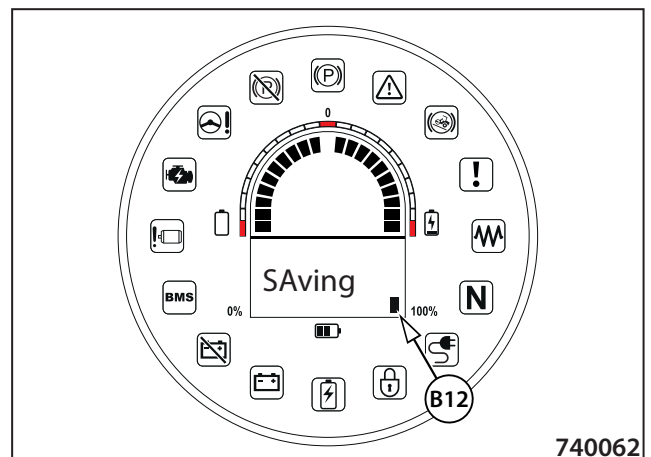
740056

After all required parameters are set, set the B12 tab and press the calibration button (B) for 5 seconds.



740059

While the button is held down, the display shows the "Saving" status.



740062

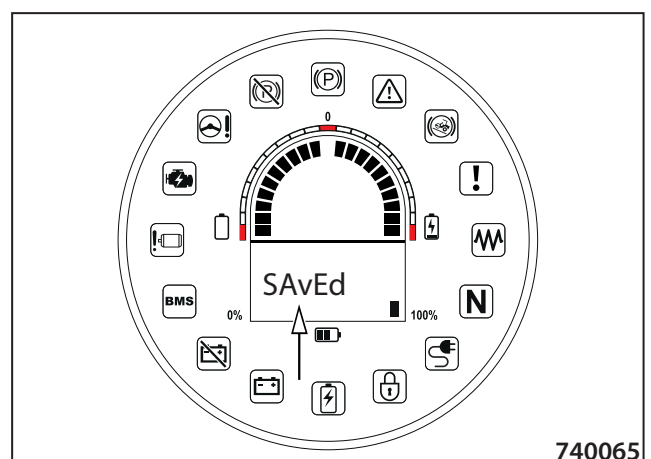
If the parameters are OK, the data saved and the display shows the "Saved" status.

If the set parameters are not OK, the display shows the "Err" status. The set parameters are not saved and the whole calibration must be repeated.

To complete the calibration, switch off the ignition by turning the key in the ignition box to the "0" position.

To exit the calibration mode without saving, switch off ignition or press the calibration button for 5 seconds when the tab is not set to B12.

If an error occurs, the message of B12.c "Error" appears on the display. Then it is required to turn off the ignition to the "0" position.



740065

**Possible errors:**

Error while saving values (the value is out of range).

Starting up / turning off the machine in the calibration mode.

## 3.2 Specification of operating fluids

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### 3.2.1 Hydraulic oil



For the hydraulic system of the machine, it is necessary to use only high-quality hydraulic oil grades according to ISO 6743/HV (equal to DIN 51524 part 3 HVL P).

Fill the machines with hydraulic oil that has cinematic viscosity of 46 mm<sup>2</sup>/s at 40 °C (104 °F) ISO VG 46. This oil is the most appropriate to be used within the widest range of ambient temperatures.

#### Synthetic hydraulic oil

The hydraulic system can be filled with synthetic oil, which if leaks occur will be degraded completely by micro-organisms present in water and soil.



---

**Please consult always with oil manufacturer or dealer any switching from mineral oil to synthetic one or mixing the oils of various brands!**

---

### 3.2.2 Lubricating grease



To lubricate the machine you must use plastic grease containing lithium according to:

ISO 6743/9 CCEB 2

DIN 51 502 KP2K-30

### 3.6.5.2 Check of the emergency brake

This test verifies the function of the emergency brake. The emergency brake is checked at low machine speed (approx. 1 km/h). During normal operation, the emergency brake button is to be used in the event of danger when the machine is running. After pressing the emergency brake button, the traction force of the machine is immediately interrupted and the parking brake (P) is then engaged.



**Check that the area in front of and behind the machine is empty and that there are no persons or obstacles there!**

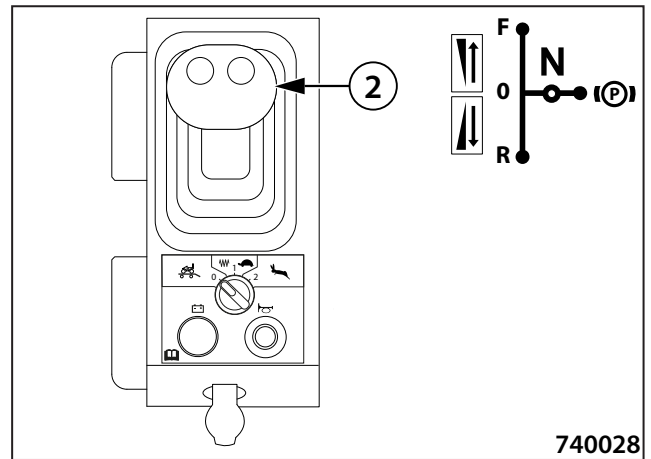
**Ensure a suitable safe distance in front of the machine, behind the machine as well as on its sides.**

#### Procedure

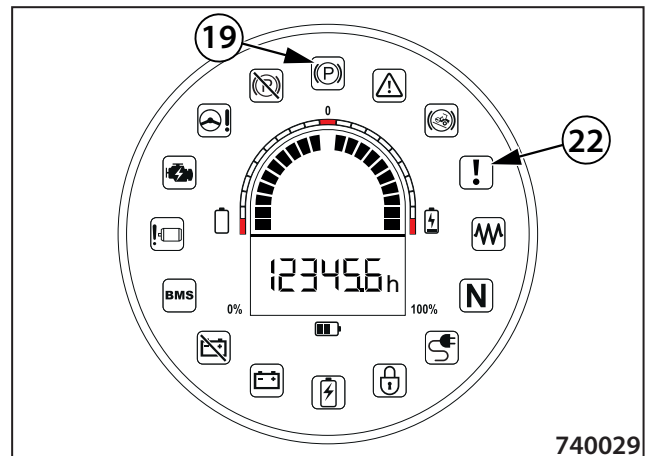
- Place the machine on a flat and solid surface.
- Sit in the driver's position and start the machine according to Chapter 2.7.1.
- Move the travel control (2) from the parking brake position (P) through the neutral position (N) to position (0).
- Select the direction of travel (F / R). Drive the machine at a low speed (approx. 1 km/h).
- The parking brake indicator lamp (19) goes off.
- The brake is disengaged.
- Press the emergency brake button (9). The machine will stop and subsequently the parking brake is engaged. The parking brake indicator lamp (19) and the emergency stop indicator lamp (22) will light up.
- If the machine does not stop, stop the machine with the travel control (2). Then switch off the machine using the key in the ignition box (8). Secure the machine against spontaneous movement using wheel chocks on a level and solid surface and contact the service.

#### Note

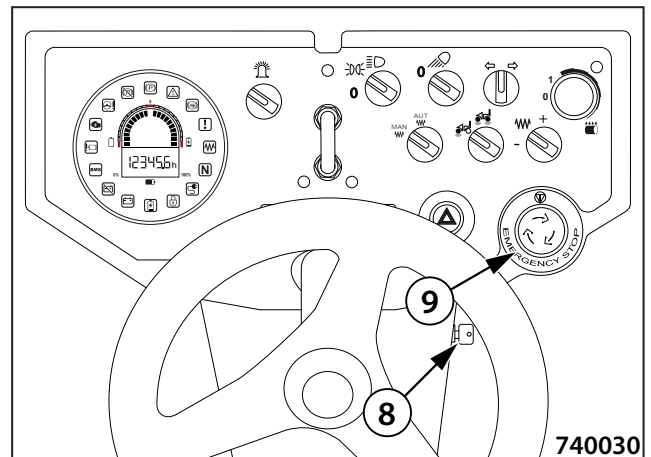
The emergency brake button (9) is only to be used to stop the machine in an emergency. Use the service brake to stop the machine normally. To turn off the machine normally, use the ignition box (8) – turn the key to the "0" position.



740028



740029



740030

**3.6.18 Draining water from the sprinkling circuit before the winter season**

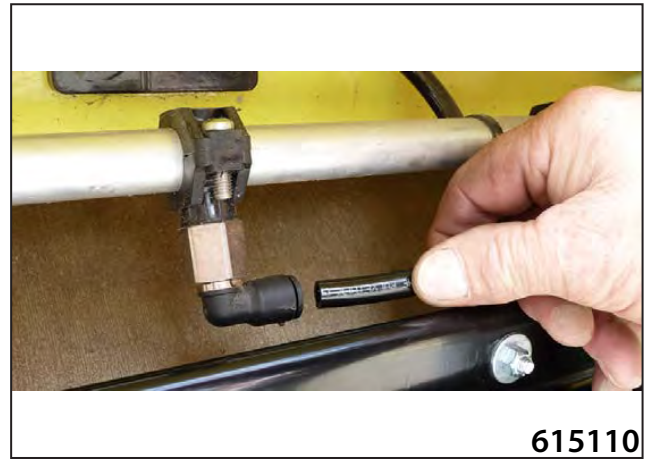
- Water must be drained from the sprinkling circuit before the winter season because the individual parts may get damaged due to frost.

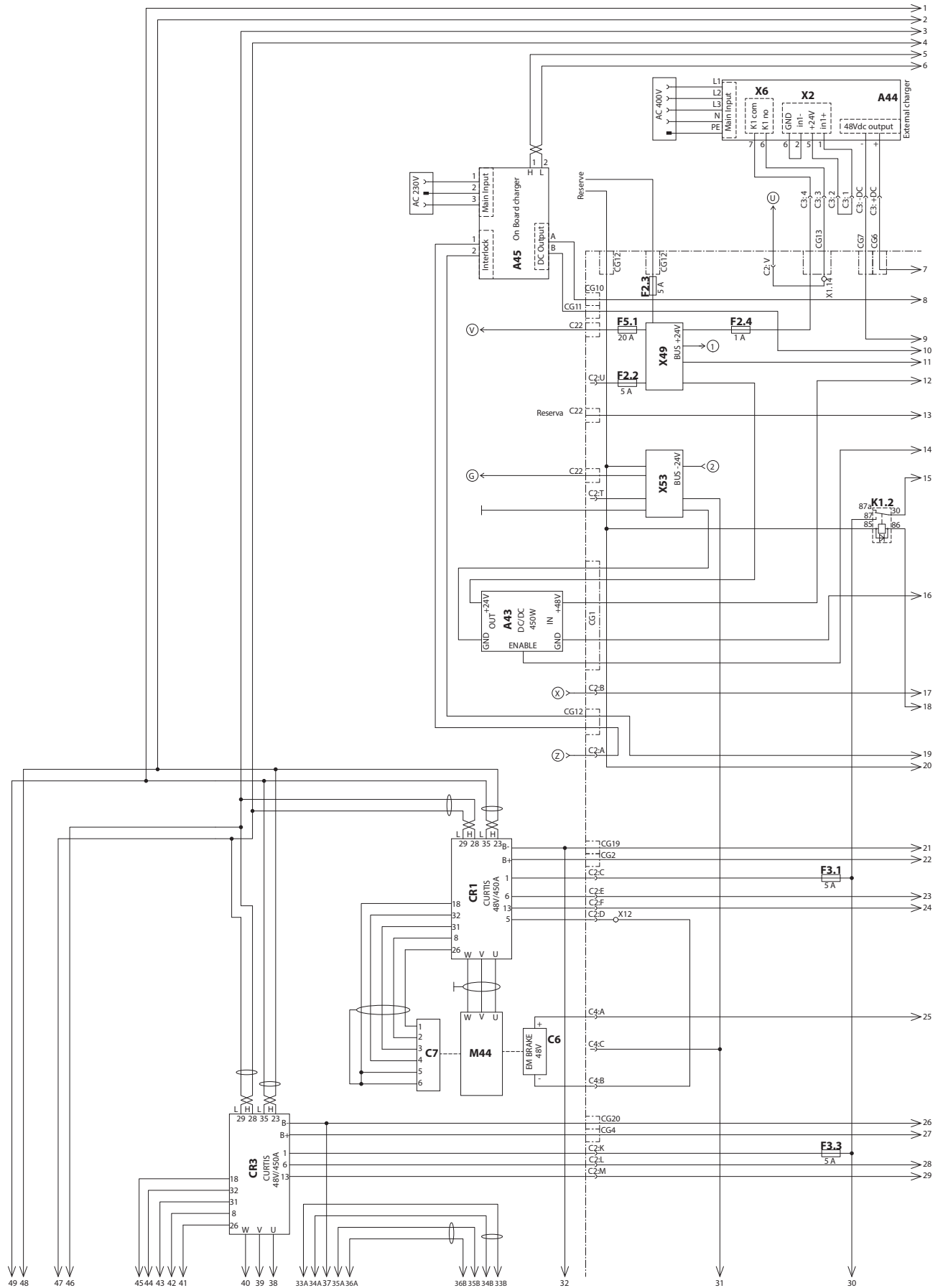
**Procedure for draining water from the sprinkling circuit**

- Release the quick coupler of the sprinkling hose.
- Push the ring against the screw joint.
- Remove the hose from the coupler.
- The water will flow out automatically.
- Turn on the sprinkling and let the pump run briefly. The remaining water will flow out.

**Removal of the sprinkling filter**

- Remove and clean the vessel with the sprinkling filter. Keep the vessel with the filter in a safe place.





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