

# ACTION EQUIPMENT

Brands you can trust. Service you can rely on.



## FROSTY MORNINGS AREN'T YOUR AUTOMOWER'S FRIEND.

### ARE YOU GETTING “OUT OF AREA” AND “WHEEL JAMMED” FAULTS?

When your lawn is covered in frost, ice may build up on your Automower's wheels, preventing it from driving. If this happens on a sloping part of your property, the Automower may lose traction altogether, and slide beyond your boundary wire!

Even if your Automower isn't sliding around or getting its wheels jammed with frost, mowing frozen grass can damage your lawn. The blades of grass are more likely to tear than be cut cleanly.

We recommend that you change the timer settings on your Automower so that it doesn't start its day's work until after the frost has thawed.

The following pages are an extract from an Automower manual, showing you how to set the timer. Depending on the model, the instructions for your Automower may differ – please refer to your owner's manual. As well as the control panel on the Automower itself, you can update the timer through the Automower app for your smartphone.

If you've got any questions, please don't hesitate to give us a call or drop us an email:

- |                   |               |  |
|-------------------|---------------|--|
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Action Equipment

# MENU FUNCTIONS

## 6.3 Timer



The lawn should not be cut too often to obtain the best mowing result. Consequently, it is important to limit the operating time using the timer function if the working area is less than the mower's working capacity. When the robotic lawnmower is allowed to mow too much, the lawn may appear flattened. Besides, the robotic lawnmower is subjected to unnecessary wear.

The timer function is also an ideal means to control which work hours the robotic lawnmower should not mow, for example, when the children are playing in the yard.

Maximum performance is obtained when the timer is turned off and the robotic lawnmower is allowed to mow around the clock seven days a week. Hours of operation and days are shown graphically on the robotic lawnmower display. Active mowing per day are illustrated with a black bar. The rest of the time, the robotic lawnmower is standing in the charging station.

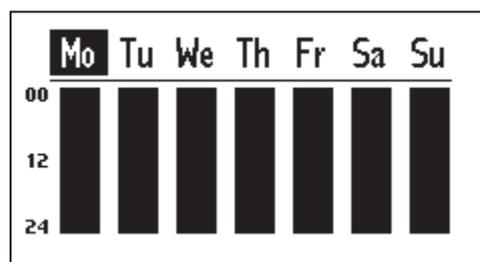
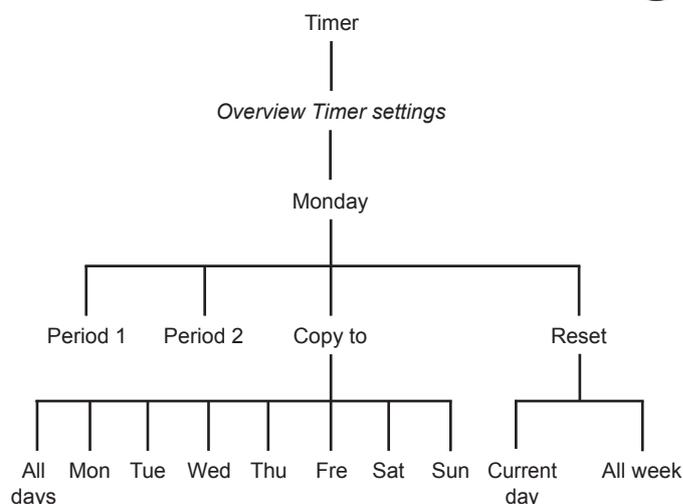
The factory setting is that the timer is inactive and the robotic lawnmower will operate around the clock seven days a week. A suitable setting for a working area is normally one corresponding to the robotic lawnmower's maximum performance, i.e.

|                                  | Automower® |      |      |
|----------------------------------|------------|------|------|
|                                  | 420        | 430X | 450X |
| Maximum capacity, m <sup>2</sup> | 2200       | 3200 | 5000 |

When setting the timer, count on the robotic lawnmower mowing the number of square meters per hour and day specified in the table *Working Capacity see 4.2 Using the Timer on page 34*.

The tables below give suggestions of different timer setting depending on the size of the yard. The tables can be used when setting the operating time. Times should be regarded as general. They may have to be adapted to suit the yard. Use the tables is in the following way:

1. Select the working area that is most like the yard.
2. Select a suitable number of working days per week (7 days may be necessary for some working areas).
3. Working hours per day shows how many hours per day that the robotic lawnmower can operated during the selected number of working days.
4. The suggested interval is the interval corresponding to the desired number of working hours per day.



3012-1431

## MENU FUNCTIONS

| <b>Automower® 420</b>        |                              |                              |                           |
|------------------------------|------------------------------|------------------------------|---------------------------|
| <b>Working area capacity</b> | <b>Working days per week</b> | <b>Working hours per day</b> | <b>Suggested interval</b> |
| 500 m <sup>2</sup>           | 5                            | 7.5 hours                    | 7:00 AM - 2:30 PM         |
|                              | 7                            | 5.5 hours                    | 7:00 AM - 12:30 PM        |
| 750 m <sup>2</sup>           | 5                            | 11.5 hours                   | 7:00 AM - 6:30 PM         |
|                              | 7                            | 8 hours                      | 7:00 AM - 3:00 PM         |
| 1000 m <sup>2</sup>          | 5                            | 15.5 hours                   | 7:00 AM - 10:30 PM        |
|                              | 7                            | 11 hours                     | 7:00 AM - 6:00 PM         |
| 1250 m <sup>2</sup>          | 5                            | 19 hours                     | 4:00 AM - 11:00 PM        |
|                              | 7                            | 13.5 hours                   | 7:00 AM - 8:30 PM         |
| 1500 m <sup>2</sup>          | 5                            | 23 hours                     | 12:00 AM - 11:00 PM       |
|                              | 7                            | 16.5 hours                   | 7:00 AM - 11:30 PM        |
| 1750 m <sup>2</sup>          | 6                            | 22.5 hours                   | 12:00 AM - 10:30 PM       |
|                              | 7                            | 19 hours                     | 4:00 AM - 11:00 PM        |
| 2000 m <sup>2</sup>          | 7                            | 22 hours                     | 12:00 AM - 10:00 PM       |
| 2200 m <sup>2</sup>          | 7                            | 24 hours                     | 12:00 AM - 12:00 AM       |

| <b>Automower® 430X</b>       |                              |                              |                           |
|------------------------------|------------------------------|------------------------------|---------------------------|
| <b>Working area capacity</b> | <b>Working days per week</b> | <b>Working hours per day</b> | <b>Suggested interval</b> |
| 500 m <sup>2</sup>           | 5                            | 5.5 hours                    | 7:00 AM - 12:30 PM        |
|                              | 7                            | 4 hours                      | 7:00 AM - 11:00 AM        |
| 750 m <sup>2</sup>           | 5                            | 8 hours                      | 7:00 AM - 3:00 PM         |
|                              | 7                            | 5.5 hours                    | 7:00 AM - 12:30 PM        |
| 1000 m <sup>2</sup>          | 5                            | 10.5 hours                   | 7:00 AM - 5:30 PM         |
|                              | 7                            | 7.5 hours                    | 7:00 AM - 2:30 PM         |
| 1250 m <sup>2</sup>          | 5                            | 13 hours                     | 7:00 AM - 08:00 PM        |
|                              | 7                            | 9.5 hours                    | 7:00 AM - 4:30 PM         |
| 1500 m <sup>2</sup>          | 5                            | 16 hours                     | 7:00 AM - 11:00 PM        |
|                              | 7                            | 11.5 hours                   | 7:00 AM - 6:30 PM         |
| 1750 m <sup>2</sup>          | 5                            | 18.5 hours                   | 5:00 AM - 11:30 PM        |
|                              | 7                            | 13 hours                     | 7:00 - 8:00 PM            |
| 2000 m <sup>2</sup>          | 5                            | 21 hours                     | 2:00 AM - 11:00 PM        |
|                              | 7                            | 15 hours                     | 7:00 - 10:00 PM           |
| 2250 m <sup>2</sup>          | 5                            | 23.5 hours                   | 12:00 AM - 11:30 PM       |
|                              | 7                            | 17 hours                     | 7:00 AM - 12:00 AM        |
| 2500 m <sup>2</sup>          | 6                            | 22 hours                     | 1:00 AM - 11:00 PM        |
|                              | 7                            | 19 hours                     | 4:00 AM - 11:00 PM        |
| 2750 m <sup>2</sup>          | 6                            | 24 hours                     | 12:00 AM - 12:00 AM       |
|                              | 7                            | 20.5 hours                   | 3:00 AM - 11:30 PM        |
| 3000 m <sup>2</sup>          | 7                            | 22.5 hours                   | 1:00 AM - 11:30 PM        |
| 3200 m <sup>2</sup>          | 7                            | 24 hours                     | 12:00 AM - 12:00 AM       |

| <b>Automower® 450X</b>       |                              |                              |                           |
|------------------------------|------------------------------|------------------------------|---------------------------|
| <b>Working area capacity</b> | <b>Working days per week</b> | <b>Working hours per day</b> | <b>Suggested interval</b> |
| 500 m <sup>2</sup>           | 5                            | 3.5 hours                    | 7:00 AM - 10:30 AM        |
|                              | 7                            | 2.5 hours                    | 7:00 AM - 9:30 AM         |
| 750 m <sup>2</sup>           | 5                            | 5.5 hours                    | 7:00 AM - 12:30 PM        |
|                              | 7                            | 4 hours                      | 7:00 AM - 11:00 AM        |
| 1000 m <sup>2</sup>          | 5                            | 7 hours                      | 7:00 AM - 2:00 PM         |
|                              | 7                            | 5 hours                      | 7:00 AM - 12:00 PM        |
| 1250 m <sup>2</sup>          | 5                            | 8.5 hours                    | 7:00 AM - 3:30 PM         |
|                              | 7                            | 6 hours                      | 7:00 AM - 1:00 PM         |

# MENU FUNCTIONS

|                     |   |            |                     |
|---------------------|---|------------|---------------------|
| 1500 m <sup>2</sup> | 5 | 10.5 hours | 7:00 AM - 5:30 PM   |
|                     | 7 | 7.5 hours  | 7:00 AM - 2:30 PM   |
| 1750 m <sup>2</sup> | 5 | 12 hours   | 7:00 AM - 7:00 PM   |
|                     | 7 | 8.5 hours  | 7:00 AM - 3:30 PM   |
| 2000 m <sup>2</sup> | 5 | 13.5 hours | 7:00 AM - 8:30 PM   |
|                     | 7 | 10 hours   | 7:00 AM - 5:00 PM   |
| 2250 m <sup>2</sup> | 5 | 15.5 hours | 7:00 AM - 10:30 PM  |
|                     | 7 | 11 hours   | 7:00 AM - 6:00 PM   |
| 2500 m <sup>2</sup> | 5 | 17 hours   | 5:00 AM - 10:00 PM  |
|                     | 7 | 12 hours   | 7:00 AM - 7:00 PM   |
| 2750 m <sup>2</sup> | 5 | 18.5 hours | 5:00 AM - 11:30 PM  |
|                     | 7 | 13.5 hours | 7:00 AM - 8:30 PM   |
| 3000 m <sup>2</sup> | 5 | 20.5 hours | 3:00 AM - 11:30 PM  |
|                     | 7 | 14.5 hours | 7:00 AM - 9:30 PM   |
| 3250 m <sup>2</sup> | 5 | 22 hours   | 1:00 AM - 11:00 PM  |
|                     | 7 | 16 hours   | 7:00 AM - 11:00 PM  |
| 3500 m <sup>2</sup> | 5 | 24 hours   | 12:00 AM - 12:00 AM |
|                     | 7 | 17 hours   | 6:00 AM - 11:00 PM  |
| 3750 m <sup>2</sup> | 6 | 21 hours   | 2:00 AM - 11:00 PM  |
|                     | 7 | 18 hours   | 5:00 AM - 11:00 PM  |
| 4000 m <sup>2</sup> | 6 | 22.5 hours | 12:00 AM - 10:30 PM |
|                     | 7 | 19.5 hours | 4:00 AM - 11:30 PM  |
| 4250 m <sup>2</sup> | 6 | 24 hours   | 12:00 AM - 12:00 AM |
|                     | 7 | 20.5 hours | 3:00 AM - 11:30 PM  |
| 4750 m <sup>2</sup> | 7 | 23 hours   | 12:00 AM - 11:00 PM |
| 5000 m <sup>2</sup> | 7 | 24 hours   | 12:00 AM - 12:00 AM |

## Change day

To change the timer settings, first select the day to change from the *Overview* screen with the left and right arrows, followed by OK.

Up to two intervals per day can be specified. To specify an interval for Period 1, first make sure the box next to Period 1 is checked. Check/uncheck by selecting it and pressing OK. Specify the desired times using the numerical keypad.

If two intervals are wanted, first check the box next to Period 2 and then specify the times as above. Two intervals can be useful if the lawn is used for other activities during certain times, specifying Period 1 for example: 00:00–15:00 and period 2: 21:00–24:00. The mower will then be parked in the charging station between 15.00 and 21.00.

To deactivate mowing for an entire day, both periods must be unchecked.

## Copy to

Use this function to copy the current day settings to other days.

Use the up and down arrow keys to move the cursor between days. The times will be copied to the days that are marked with **OK**.

**MONDAY**

---

**Period 1:**      10:00 – 15:00

**Period 2:**      --:--:--:--:--

Copy
Reset

3012-1432

**COPY MONDAY TO**

---

**All days**       **Thursday**

**Monday**       **Friday**

**Tuesday**       **Saturday**

**Wednesday**       **Sunday**

3012-1406

# MENU FUNCTIONS

## Reset

This function resets the timer to the factory setting, where the robotic lawnmower is allowed to operate 24 hours a day every day.

## Current day

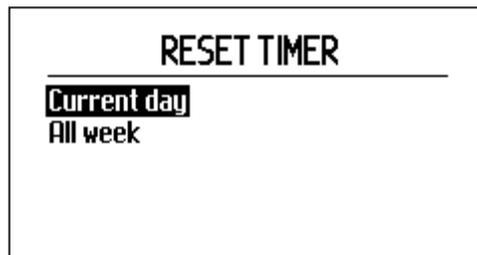
This resets the day that is selected in the tab system.

The factory setting is that the robotic lawnmower is allowed to operate 24 hours a day.

## All week

This resets all days in the week.

The factory setting is that the robotic lawnmower is allowed to operate 24 hours a day every day.



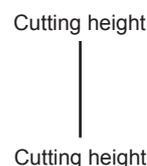
3012-1408

## 6.4 Cutting Height

The cutting height can be varied from MIN (2 cm) to MAX (6 cm).

During the first week after a new installation, the cutting height must be set to MAX to avoid damaging the loop wire. After this, the cutting height can be reduced one step every week until the desired cutting height has been reached.

If the grass is long, allow the robotic lawnmower to start mowing at the MAX cutting height. The cutting height can be reduced gradually once the grass has become shorter.

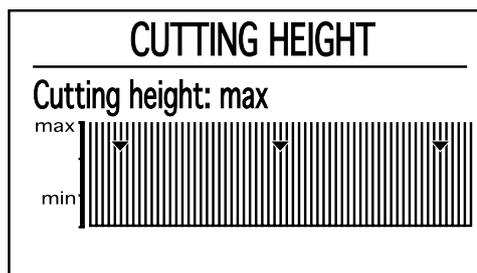


### To increase the cutting height:

1. Use the up arrow to increase to the desired height, or specify a number directly with the keypad.
2. Press **OK** to confirm.

### To lower the cutting height:

1. Use the down arrow to decrease to the desired height, or specify a number directly with the keypad.
2. Press **OK** to confirm.



3012-1237