

English



Service manual Grid



Valetudo Horse Products BV FeedingMaster Pro

The FeedingMaster Pro is produced by:

Valetudo Horse Products BV
Lage Scheiddijk 4
7261RL Ruurlo
The Netherlands
www.VHProducts.eu

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Dear customer,

We are sorry that your FeedingMaster Pro has malfunctioned. Fortunately, it is easy to repair with the parts provided and this service manual. This manual explains how to do this, so please read the manual carefully.

Pay extra attention to sentences preceded by one of the following words:

WARNING: If the indicated instructions are not followed, there is a risk of serious injury to you or your horse.

TIP: Useful information that helps you perform certain steps more easily or check them in another way.

We would like to see you satisfied. If you have any questions about certain steps, please feel free to contact us at Service@VHProducts.eu. We will do our best to answer your question within 24 hours.

Table of contents

- 1. Safety Instructions 1
- 2. Introduction 1
- 3. Adjusting the grid 2
- 4. Lubricating grid hinges 7
- 5. Exchanging grids 13

1. Safety Instructions

Before starting the repair, you should be aware of the risks involved if you do not fully follow the instructions in this manual.

The following important safety precautions must be observed when working on a FeedingMaster Pro:

- Certain parts in the controller carry the mains voltage. Never open the housing of the controller when the FeedingMaster Pro is connected to the mains.
- During a fault, the FeedingMaster Pro may suddenly switch on or off parts of the drive. Therefore, never carry out service work when the FeedingMaster Pro is connected to the mains voltage.
- Never make any adjustments to the FeedingMaster Pro other than described in this manual.

WARNING: Remove the mains plug from the wall socket and wait at least 10 seconds before starting any service work.

2. Introduction

This service manual describes how the malfunction can be repaired step by step. A checkbox is placed before each step. It is advisable to check this off when the step has been completed. This prevents a step being swapped or skipped.

Is a certain step not clear or do you have other questions? Then you can always contact us, we are happy to help you.

TIP: It is advisable to place a blanket or piece of cardboard in and in front of the FeedingMaster Pro. If small parts accidentally fall, you will not lose them in the sawdust or other ground covering.

3. Adjusting the grid

- [] Check that the front of the grid rests against the black caps; there should be a maximum gap of 1 mm between them. If there's more, the grid hinges are bent. In that case, contact us to replace them.



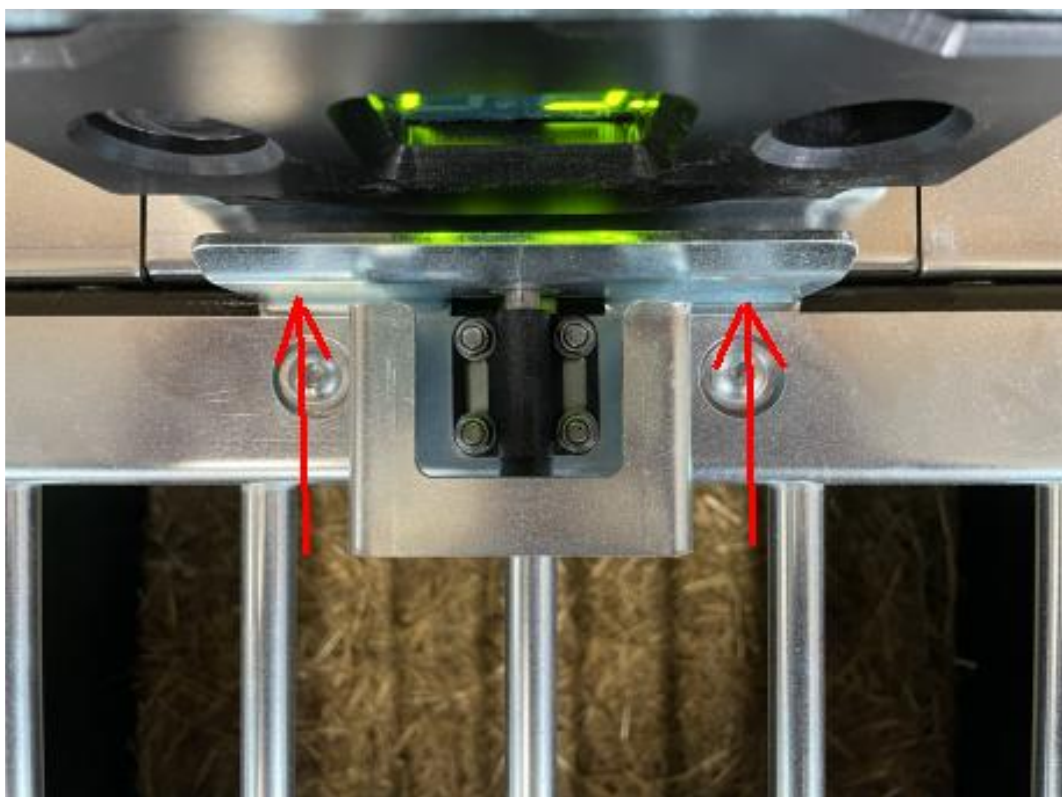
- [] Select program P3 and wait until the feed floor has completely stopped.



- [] Loosen the two flange bolts of the grid closing plate by half a turn.



- [] Press the grid closing plate as far as possible towards the controller.



- [] Loosen the two hinge flange bolts half a turn using a 5mm Allen key.



- [] Grab both hinges and squeeze them together so that the two parts are pressed against the brass ring.



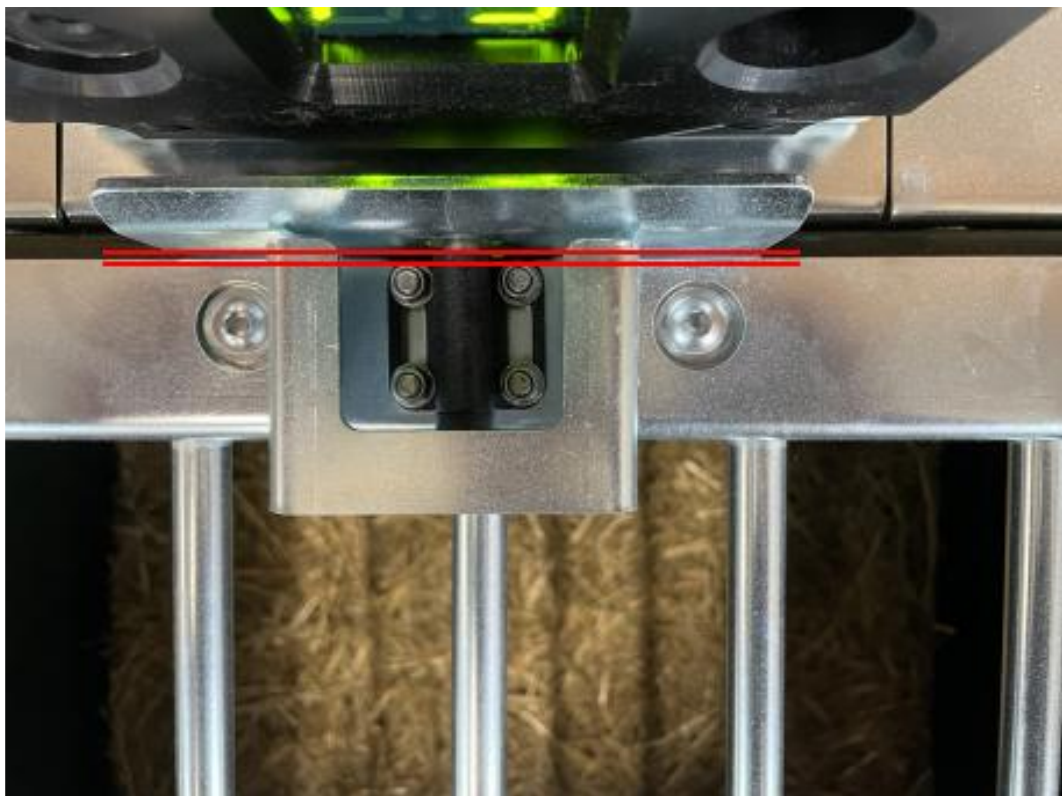
- [] By moving the hinges from left to right and front to back, the grid can be slid and rotated. Slide and rotate the grid until the flange bolts securing the grid closing plate are fully visible through the holes in the grid. If the grid rests on the flange bolts, it will not close properly.



- [] Tighten the two hinge flange bolts securely.



- [] Slide the grid locking plate towards the grid so that it is approximately 1 mm parallel to the grid.



- [] Check that the grid closes properly. Close the grid and select program P1 to start feeding. Your FeedingMaster Pro is now ready for use again.



4. Lubricating grid hinges

- [] Turn off the FeedingMaster Pro by unplugging it from the power source. Wait 10 seconds until the display switches off.



- [] Open the grid.



- [] Remove the flange bolt from the right hinge using a 5mm Allen key.



- [] Slide the outer part of the hinge outwards. Note the brass ring; if it remains on the inner part of the hinge, slide it over the pin on the outer part of the hinge. The ring is loose and easily lost if it falls into the ground covering.



- [] Repeat this for the other hinge. Note the brass ring here as well.



- [] Place the grid on the FeedingMaster Pro and spray some grease on both hinge parts attached to the grid. White Grease or another grease is preferred. Don't use oil like WD-40, as it evaporates quickly, leaving the grid lubricated for only a short time.



- [] Slide the pin from the outer part of the left hinge, including the brass ring, into the hinge part attached to the grid.



- [] Slide the pin from the outer part of the right hinge, including the brass ring, into the hinge part attached to the grid.



- [] Check that the flange bolts securing the grid locking plate are fully visible through the holes in the grid. If not, rotate the grid slightly until the flange bolts are fully visible.



- [] Reattach the right hinge with the M8x20 flange bolt.



- [] Check that the grid closes properly. Close the grid and turn the FeedingMaster Pro's power back on. Your FeedingMaster Pro is now ready for use again.



5. Exchanging grids

- [] Turn off the FeedingMaster Pro by unplugging it from the power source. Wait 10 seconds until the display switches off.



- [] Loosen and remove the two flange bolts in the hinge parts on the front of the FeedingMaster Pro.



- [] Lift the grid at the front of the FeedingMaster Pro slightly and pull it toward you until it slides out of the grid locking plate.

NOTE: There are white rings between the hinges and the FeedingMaster Pro. These may fall to the floor as they slide, so be careful not to lose them.



- [] Place the grid on the FeedingMaster Pro.



- [] Slide the loose hinge parts out of the grid. Make sure the brass rings slide with them to prevent them from falling and getting lost.



- [] Remove the grid and replace the white rings around the threaded bushings.



- [] Tilt the new grid slightly with the latch facing downward and slide it into the grid locking plate. Then lower the grid onto the FeedingMaster Pro, making sure the white rings don't shift.



- [] Spray some White Grease into the hinge parts attached to the grid.



- [] Check that the brass ring is present on the loose hinge. Slide the loose hinges between the grid and the FeedingMaster Pro. Then slide the loose hinges into the hinges attached to the grid. Make sure the white rings don't shift.



- [] Insert the two M8x20 flange bolts and tighten them almost completely. The hinge should still be able to slide.



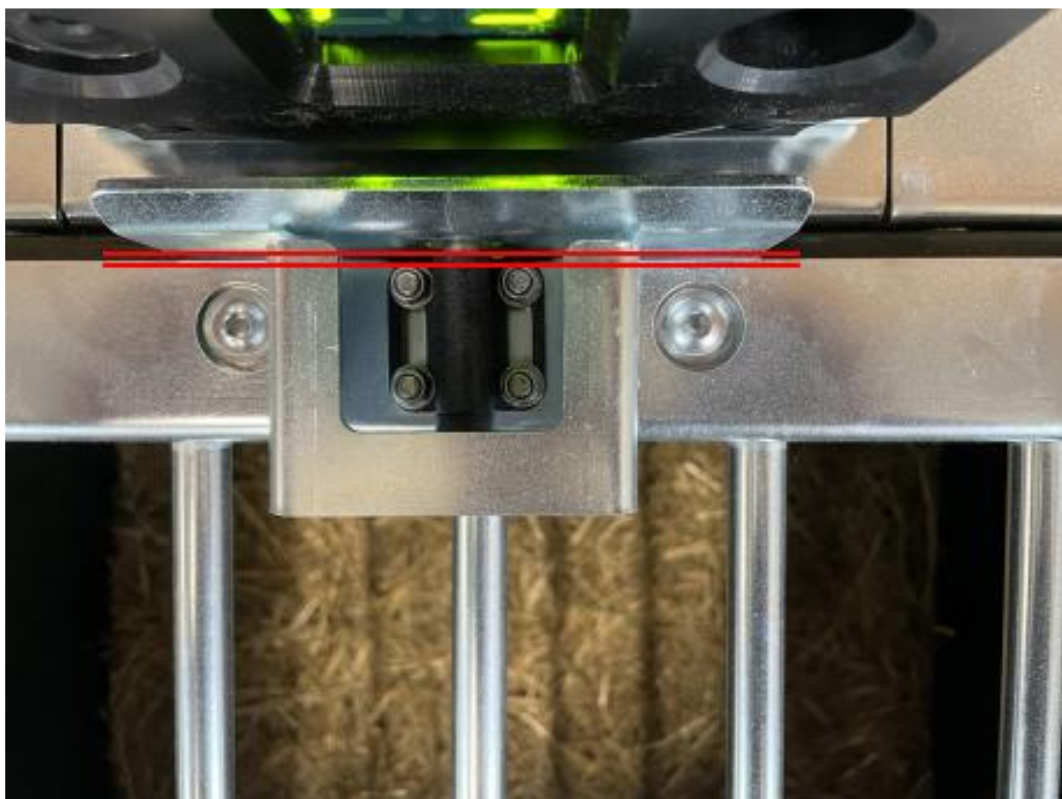
- [] Grasp the hinges with both hands. Squeeze the hinge parts firmly together. Slide and rotate the grid so that the two flange bolts of the grid locking plate are completely exposed and not under the grid.



- [] Tighten the two flange bolts in the hinges.



- [] Check that the grid locking plate is approximately 1 mm parallel to the grid. If not, loosen the two flange bolts in the grid locking plate by half a turn. Then slide the grid locking plate towards the grid and retighten the two flange bolts.



- [] Check that the grid closes properly. Close the grid and turn the FeedingMaster Pro's power back on. Your FeedingMaster Pro is now ready for use again.

