

Installation instructions

MaxiFlex100 stall partition

S57.1e



1. Introduction

These installation instructions put you in the position to safely install the MaxiFlex100 stall partition as intended.

- Please read these installation instructions carefully before installation.
- Keep these installation instructions close to hand at all times.
- Comply with all of the safety instructions in these installation instructions at all times.
- In addition, follow the instructions in the original operating manual of the automatic feeder.

2. Important safety instructions

2.1 Necessary qualifications of the service technician

Only trained service technicians are authorized to install the MaxiFlex100 stall partition.

Service technicians are specialists with appropriate qualifications. They are able to assess the work assigned to them and detect potential risks on the basis of their technical training as well as their knowledge of the relevant standards. They have knowledge of relevant accident prevention regulations, generally accepted safety regulations and country-specific standards and provisions.


2.2 How am I warned of hazards?

2.2.1 What are the components of a hazard description?

A hazard description always consists of the following elements:

- Hazard word (danger, warning, caution, attention)
- Type of hazard (what can happen?)
- Location of hazard (where can it happen?)
- Actions necessary for preventing the hazard (what should I do?).

2.2.2 Potentially fatal hazards or health hazards

A hazard symbol  (warning triangle with an exclamation mark) and the following hazard words indicate the risk of fatal injury or detrimental effects on health.

DANGER!

The word **DANGER** indicates an immediate danger that can cause loss of life or injury.

Marking in the installation instructions: **DANGER** (white font on red background).

WARNING!

The word **WARNING** indicates a potentially dangerous situation that can result in loss of life or severe injury.

Marking in the installation instructions: **WARNING** (black font on orange background).

CAUTION!

The word **CAUTION** indicates a potentially dangerous situation that can result in minor injuries.

Marking in the installation instructions: **CAUTION** (black font on yellow background).

2.2.3 Material damage

NOTICE!

The word **ATTENTION** warns you about the risk of material damage. The device or an object or animal in its vicinity, such as a calf, can be damaged.

Marking in the assembly instructions: white writing on a blue background

3. Functional description

Depending on the size of the animals, the **MaxiFlex100 stall partition** should be installed with a width between 30-45 cm and height 15 cm above the base feet. In addition, differences in ground level between the automatic feeder and animals' ground level, or steps in the stall can be overcome. The stall partition can be locked in the desired position by means of clamping screws.

The stall partition can be installed free-standing, against the wall or against a feeding fence. If the stall partition is installed free-standing it is supported on two sturdy feet resting on the ground. If the stall partition is installed against the wall or against a feeding fence, the forces are taken up by the wall or by the feeding fence.

If the transponder (an earmark or on the collar) is positioned at the side, the **MultiReader** identification system can be mounted on one of the side pieces. There are two different height positions available. Depending on the installation, the identification system can be on the left hand or right hand side. If the transponders are underneath on the collar, the identification system is mounted on the front plate.

For cleaning dung off the MaxiFlex100 stall partition it can simply be folded up (optional), by 90° if wall-mounted or 180° if freely mounted on the feeding fence. The respective locking is achieved by two pins. An optional **swing frame** is necessary in order to use the swing function. This is fitted on the front of the stall partition. For this purpose the front part of the stall partition must be set to a width of 31 cm so that it can be connected to the swing frame.

4. Installation

The MaxiFlex100 stall partition is assembled as follows:

1. Pick up the side piece with the slotted foot and turn it over so the foot faces upwards.



2. Pick up the other side piece and place the foot with holes in it over the slotted foot of the first side piece.

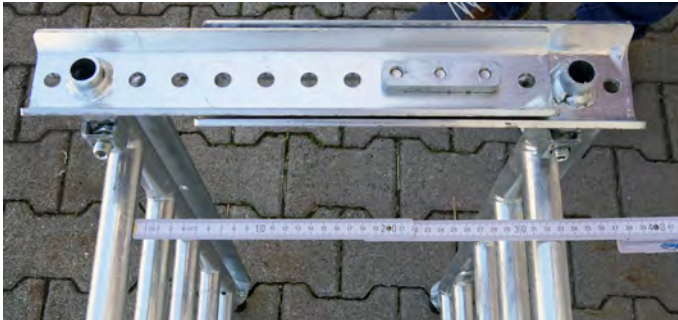


Note: One of the side pieces carries the attachment for the MultiReader antenna. If you intend to install the antenna on the stall partition, assemble the stall partition so that the antenna can be attached on the correct side. Exchange the side pieces if necessary.

3. Insert the fastenings into the feet on both sides. But do not tighten the bolts yet.



4. Check the distance between the side pieces. If the optional swing frame is to be fitted to the stall partition, the distance must be 31 cm.



5. On both sides, tighten the bolts that hold the connection piece.
6. Adjust the height of the stall partition. Slacken the screws on the upright tubes and slide the feet to the required height. We recommend a distance of 32 cm from the top edge of the foot to the bottom edge of the first cross piece. When the height is correct, retighten the screws.



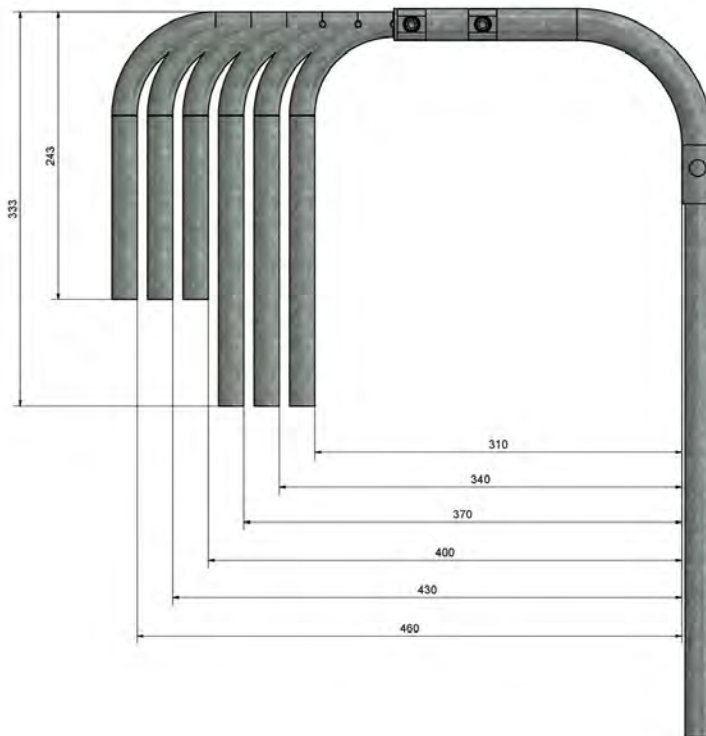
7. Turn the stall partition over and stand it on its feet.



8. Connect the parts of the hoop to each other. Note the markings on the parts, these correspond to the various settings for the width.



Note: The width of the hoop matches that of the stall partition. This is done by inserting the long end or short end of one part of the hoop into the other part (see dimensions in the illustration).



9. Slide the hoop into the tubes of the stall partition and tighten the screws in the stall partition and on the hoop.
10. If the antenna is to be attached to the stall partition remove the respective cross piece. For more information, see the installation information for the MultiReader antenna.



11. If necessary, secure the stall partition to the ground using the holes on the right side and left side. For this, use the anchor plugs and bolts included in the scope of supply.



1 Holes for securing to the ground.

Note: If you are installing the stall partition to a wall or to the feeding fence, you can remove the front feet.

For more detailed procedures, consult the operating manual of the automatic feeder.