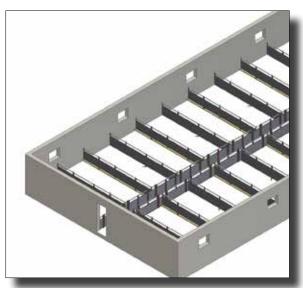
MOUNTING INSTRUCTION









PEN EQUIPMENT OVERVIEW AND RULES

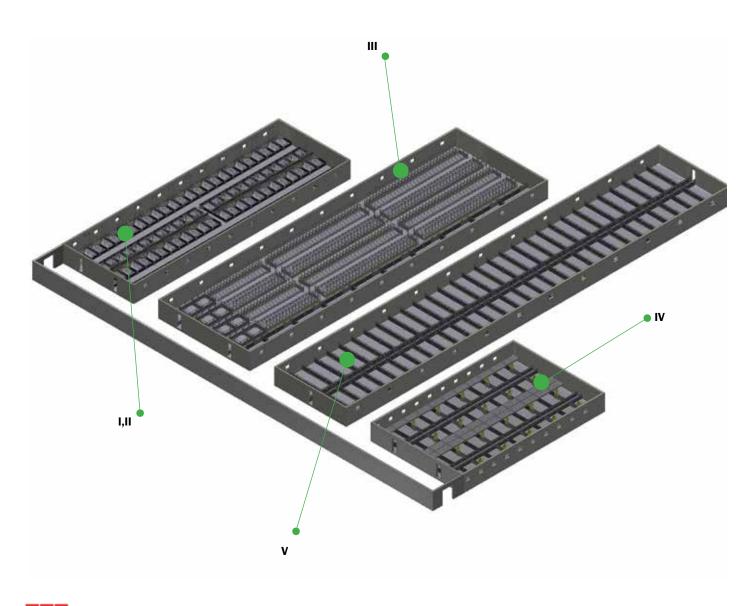


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Overview

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Introduction

- 1. Review the drawing in relation to the delivery note and create an overview of where the different types of fixtures should be placed.
- 2. Tools needed to mount the fixture:
- · Chalk line
- · Measuring tape
- Various drills for metal, fibreboard, PVC plank, concrete.
- · Fixed keys
- Slotted screwdriver
- Torx 27 and 50 key or screw bits
- Buckle
- Spirit level

If equipment are to be mounted on concrete slats floor, holding tools for T-bolts or slat-anchor must be used.

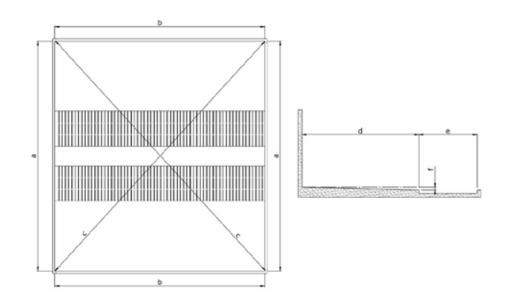
Measurement

Before the installation begins, it is important to check whether the barn's dimensions have been met. If there are targets that are not met, it will cause problems for the assembly. It is therefore important that such errors are detected as early as possible and that a decision is made on how the problem can be solved.

Measures to be checked:

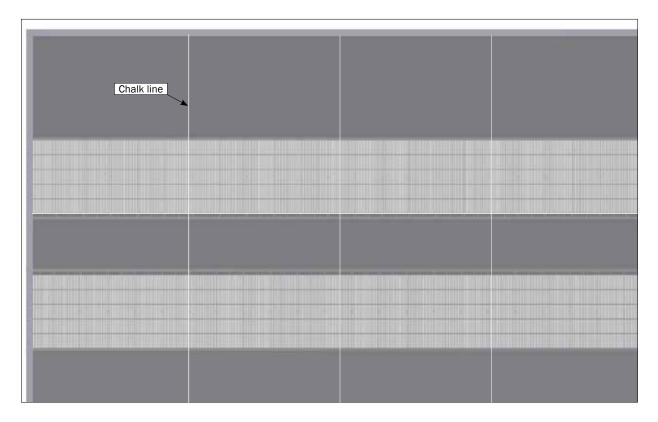
- a: Section width
- b: Section length
- c: Cross measure (A²+B²=C²)
- d: Fixed bed with drop
- e: Slats flor.
- f: Floor drop.

Example: A= 1100 cm, B = 3000 cm => C = $\sqrt{1100^2 + 3000^2}$ = 3195,3 cm

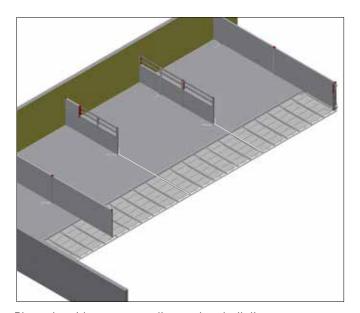




Installation of penning equipment

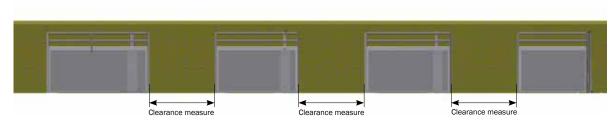


Measure along the wall where the side part and rear part are to be placed and mark with a chalk line on the floor.



A A
From wall to center side A-measure From center side to center side A-measure

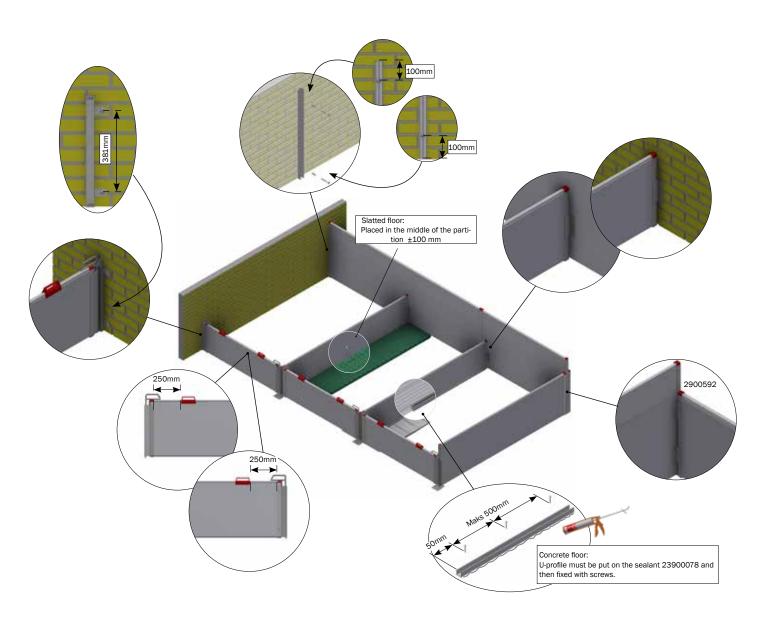
Place the side part according to the chalk lines.

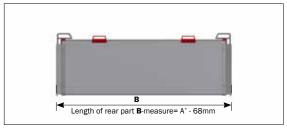


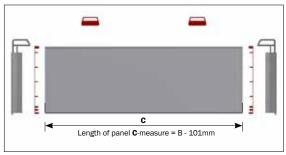
Clearance measure for the gates - the length from post to post.

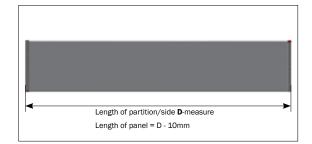


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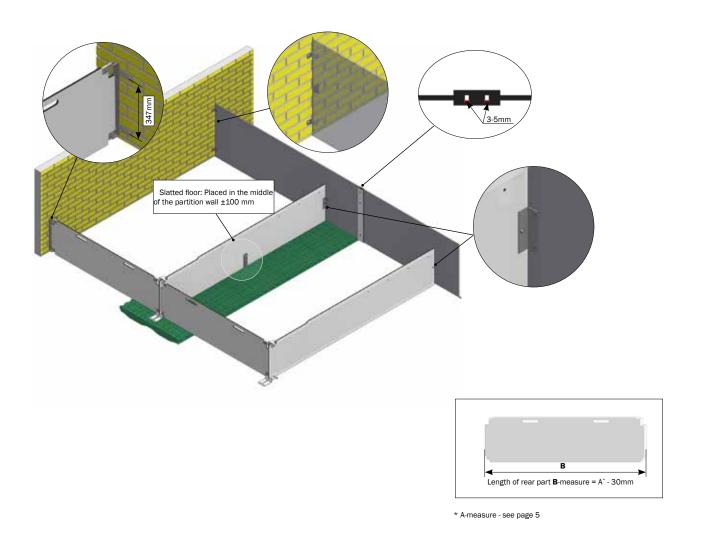




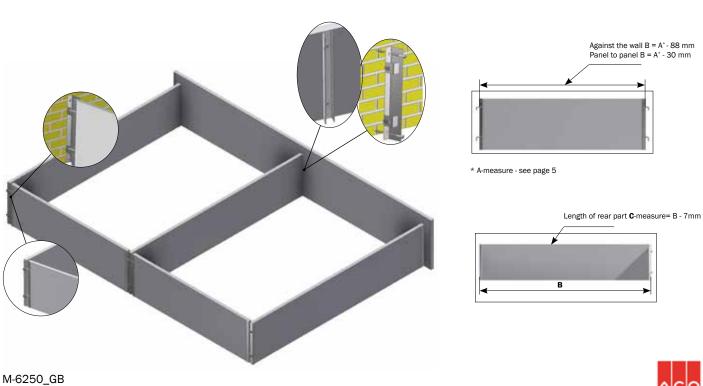
* A-measure - see page 5

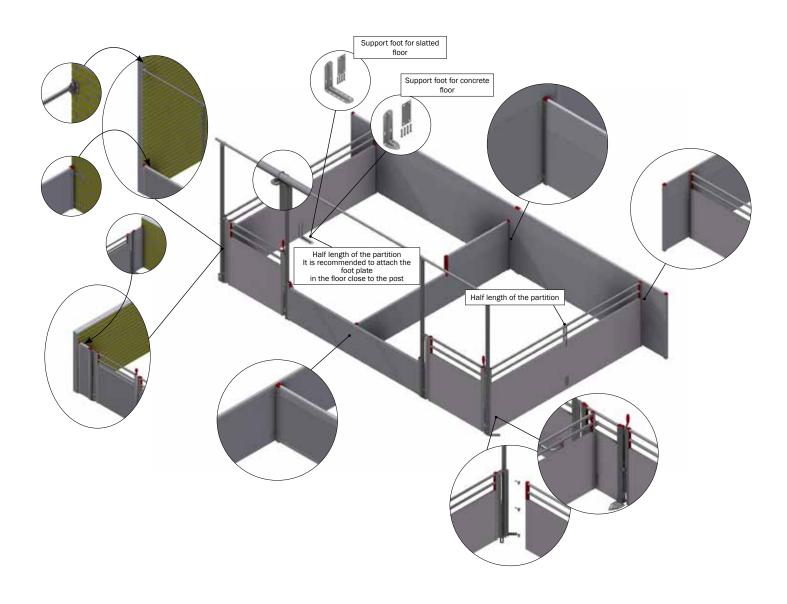


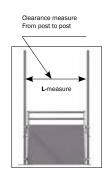
Fiber plate penning equipment for sows. AF-farrowing pen box

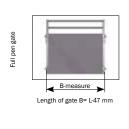


Panel penning equipment til sows. AF-farrowing pen steel



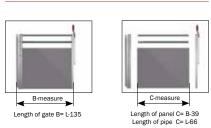


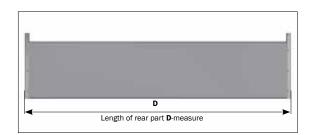


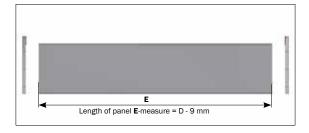


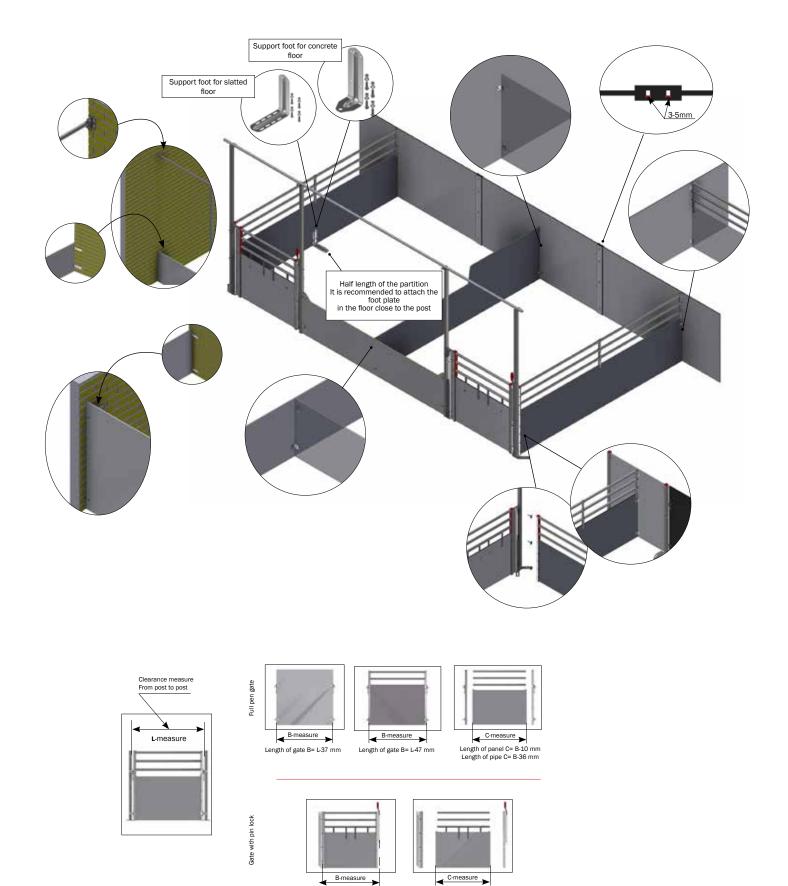
Gate with pin lock







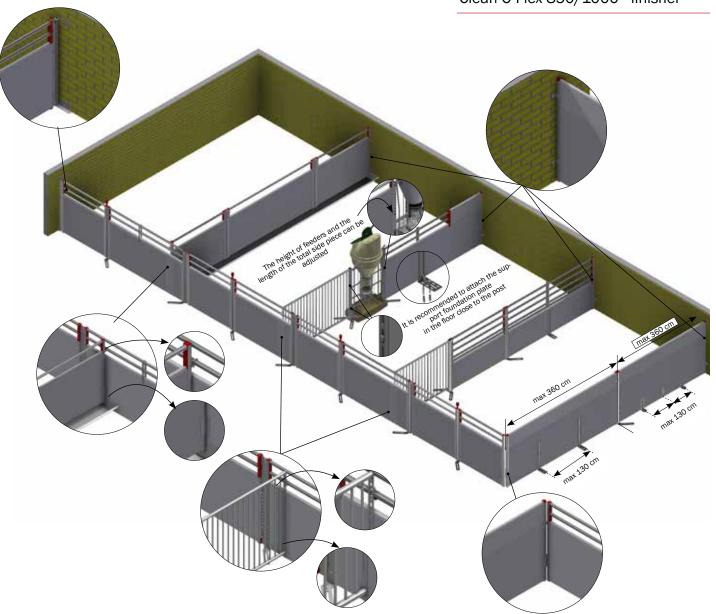




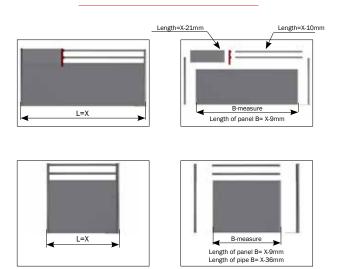
Length of gate B= L-100 mm

Length of panel C= B-39 mm Length of pipe C= B-66 mm

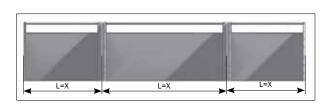
Clean-O-Flex 750 - weaner Clean-O-Flex 850/1000 - finisher

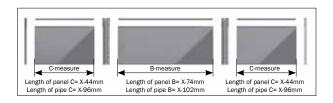


Partition/Front part with post/U-profile



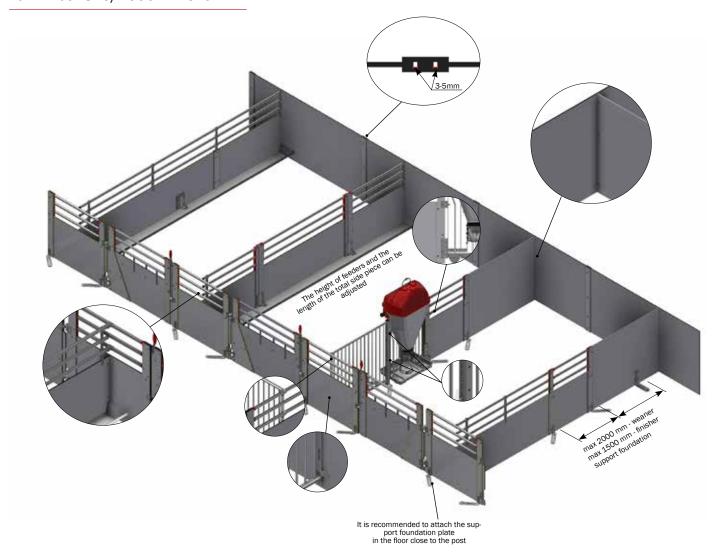
Liquidfeed wall







Funki Fiber 750 - weaner Funki fiber 875/1000 - finisher

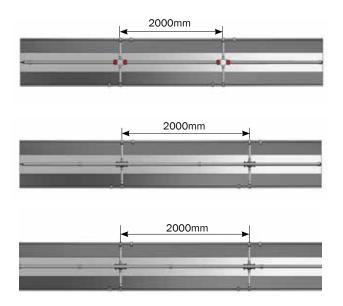


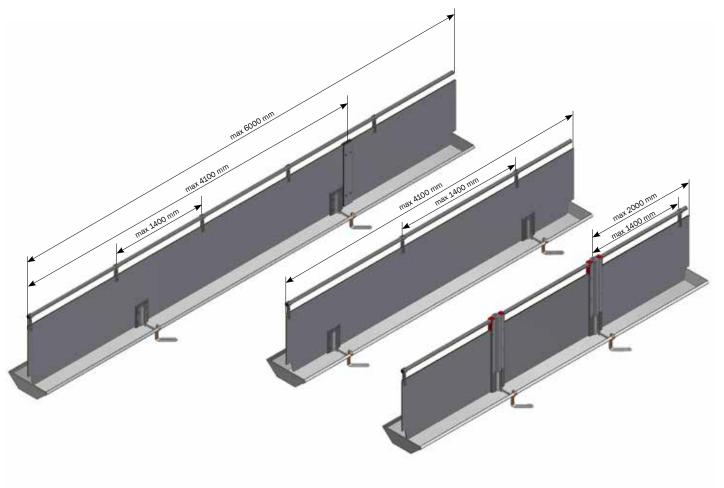
NOTE:

- Plate length: max 4100 mm (The plate length should be near 4100 mm to avoid waste)
- Distance between foundation sets: max 2000 mm (If the distance exceeds 2000 mm, a support foundation is mounted)
- Pipe length: max 6000 mm (Bracing per max 1400 mm)
- Front part length: max 6000 mm (Stiffening bracket per max 1400 mm)
- Gate length: 1200 / 1300 / 600 1300 mm
- Front part receiver side > 400 mm, 4610404
- Front part receiver side < 400 mm, 4610407

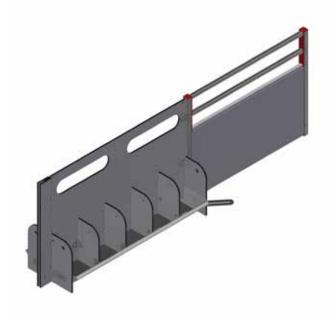
NOTE:

- Plate length, plate with integrated drain: max 2000 mm
- Plate length: max 4100 mm (Plate length is kept close to 4100 mm due to material waste)
- Pipe length: max 6000 mm (Bracing per max 1400 mm)
- Distance between support set to trough: max 2000 mm









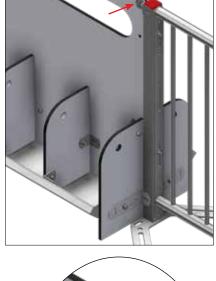
Mounted on post for fiber

Mounted on U-post

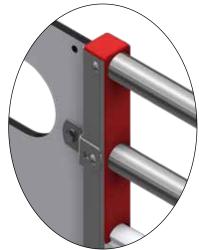
Mounted on post



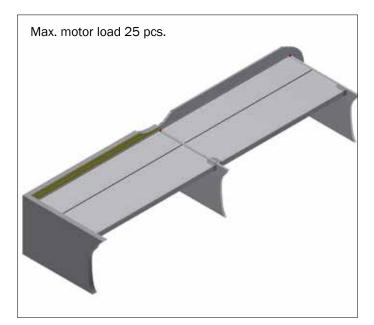


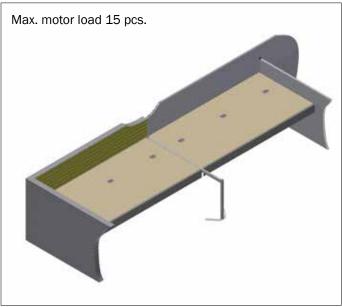


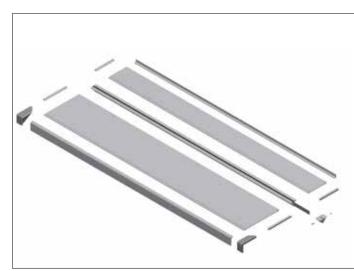










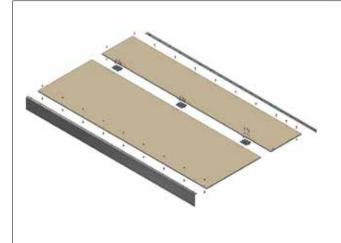


Cutting instructions of Flexcover

Between partition (35 mm panel): Length of climate cover = Pen width C/C - 55 mm Length of panel (X) = Length of climate cover - 4 mm

Pen against the wall (35 mm panel): Length of climate cover = Pen width wall to the center of partition - 38 mm Length of panel (X) length of climate cover - 4 mm

For example: Pen width 2000 mm C/C, 35 mm panel Length of climate cover = 2000 - 55 = 1945 mm Length of panel (X) = 1945 - 4 = 1941 mm



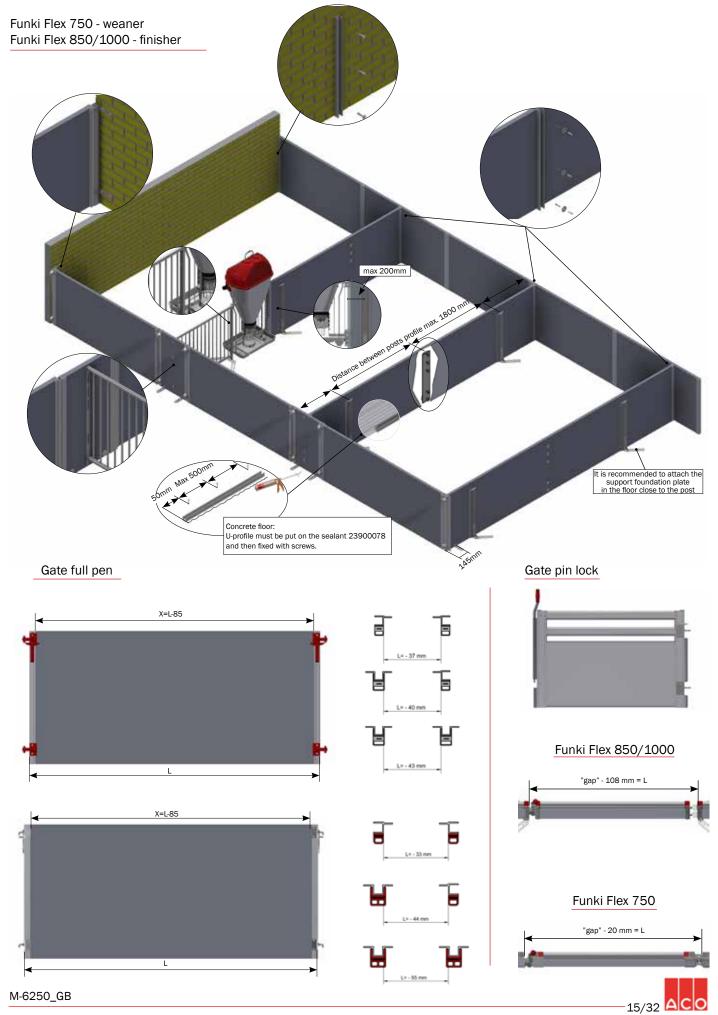
Cutting instructions of wood cover

Between partition (35 mm panel): Length of climate cover = Pen width C/C - 45 mm

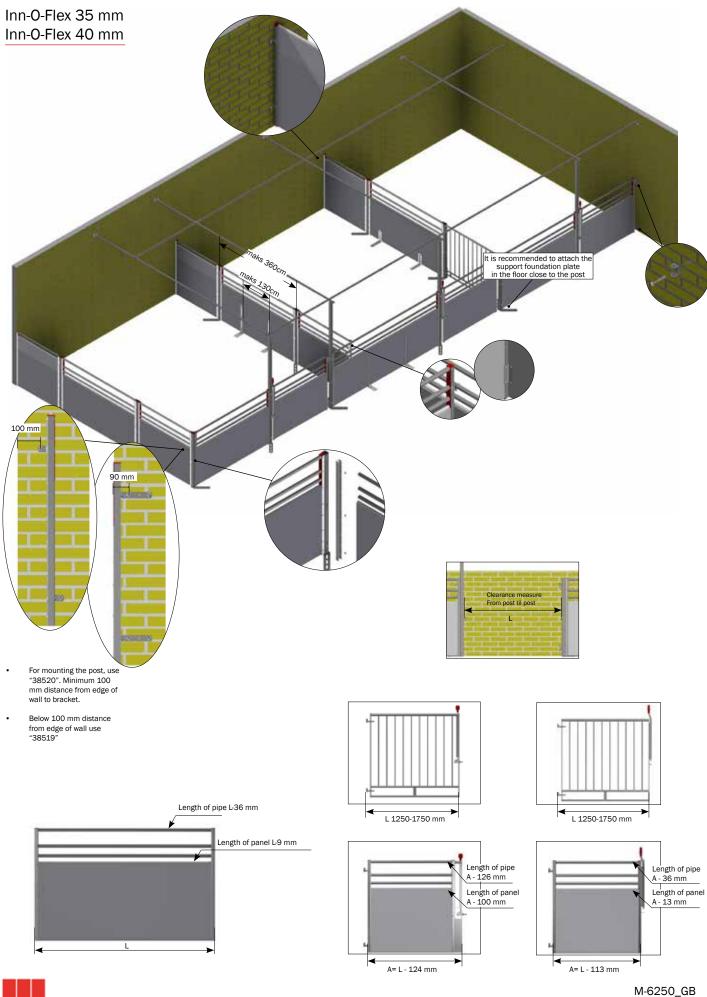
Pen against the wall (35 mm panel): Length of climate cover = Pen width wall to the center of partition - 25 mm

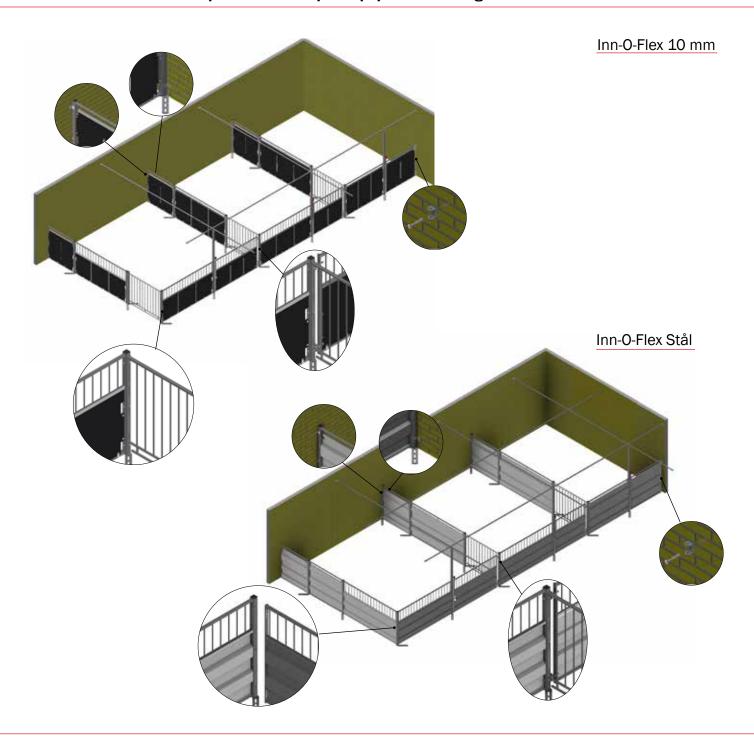
For example:
Pen width 2000 mm C/C, 35 mm panel
Length of climate cover wall = 2000 - 45 = 1955 mm
Length of climate cover boardprofile = 2000 - 25 = 1975 mm



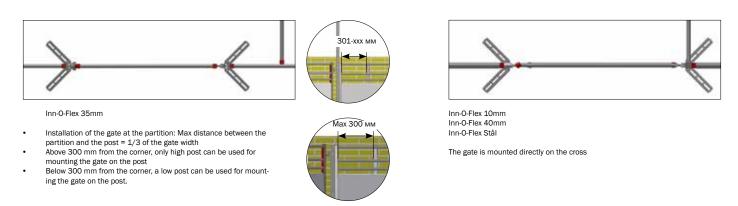


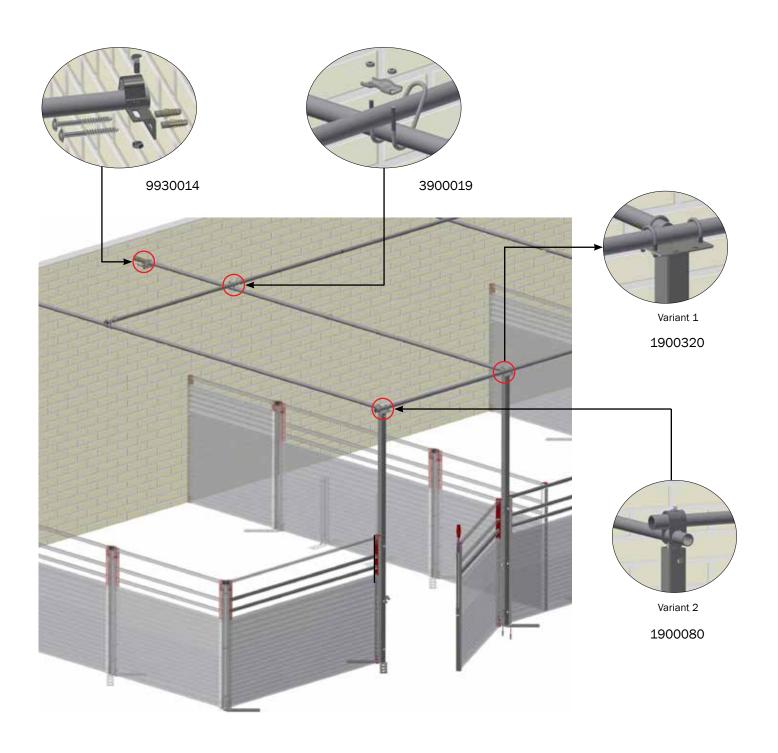
FUNKI



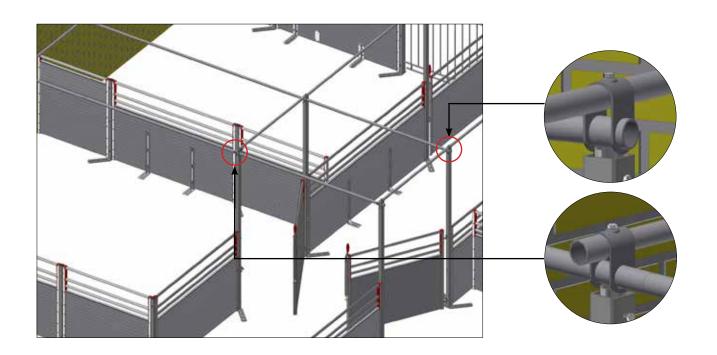


Installation of the gate

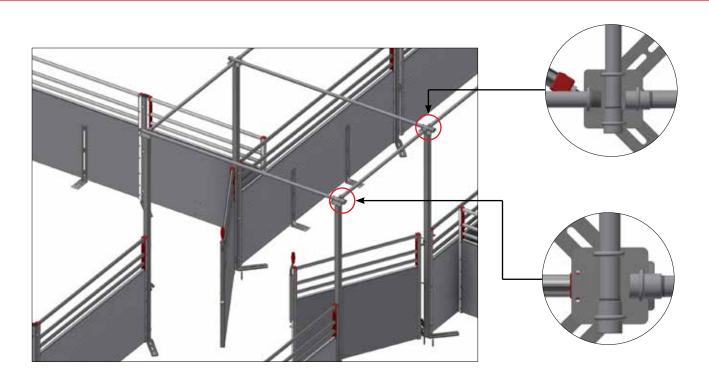




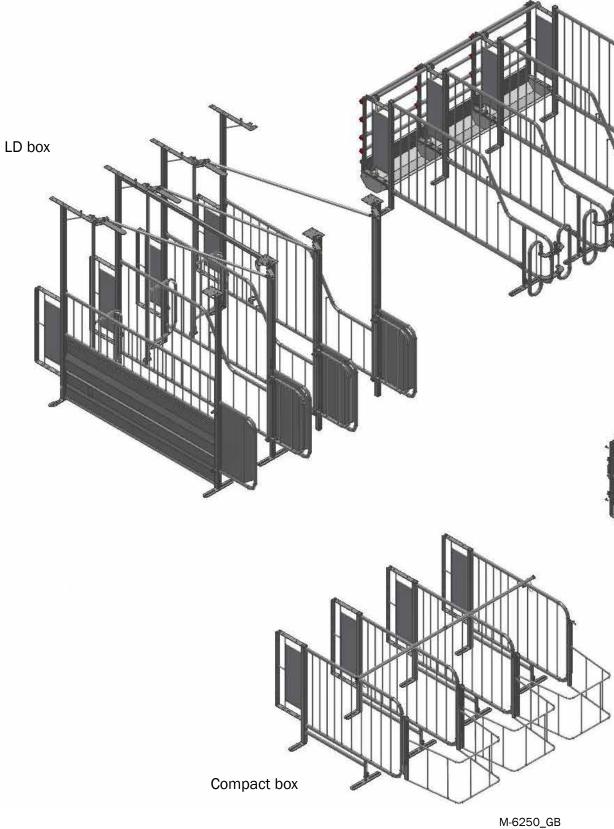
Stabilization of posts where the pipe reaches the wall



Stabilization of posts where the pipe does not reach the wall

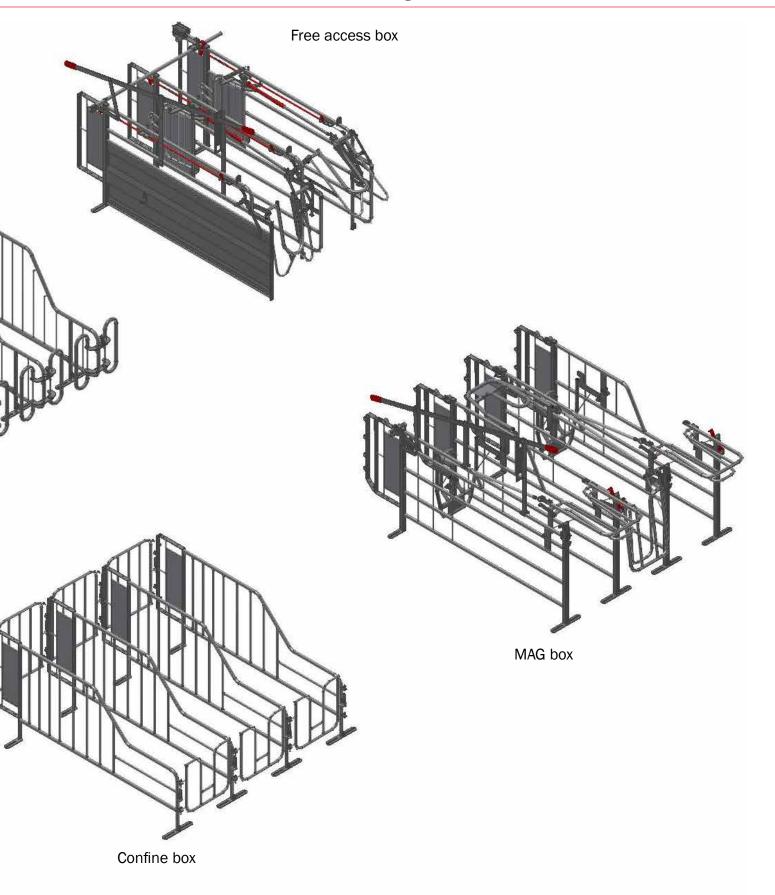


JUMB-O-FINE box

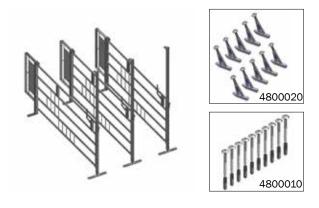




Overview of sow gestation barn

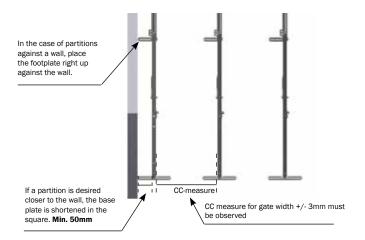


Mounted of partition

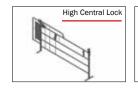


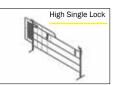
For mounting in full slats floor use 3 pieces are used of 4800020, 1 pc. on front leg and 2 pcs. on the hind legs.

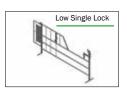
For mounting in partial slats floor use 1 piece of 4800010 on the front leg and 2 pieces of 4800020 on the hind legs.

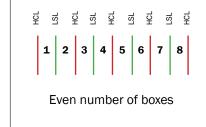


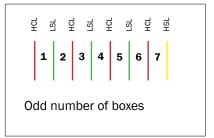
Overview of mounted of the MAG box partition

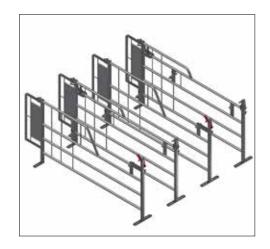






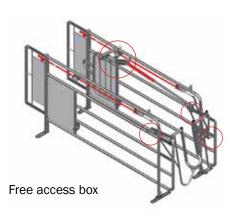


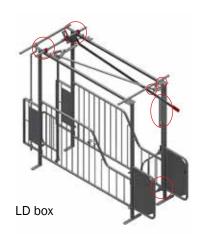




All moving parts are tightened and lubricated as required. It is recommended to use oil that is non-sticky.



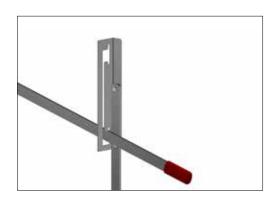






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When opening system mounted on a pipe, the pipe must be turned (1) until a push bar is withdrawn (2) and the central lock lies flat on the post (3) - the box is locked. Afterwards, the nuts must be firmly tightened (4).

When the push rod is pulled forward and the central lock is at an angle to the post - the box is unlocked (5).

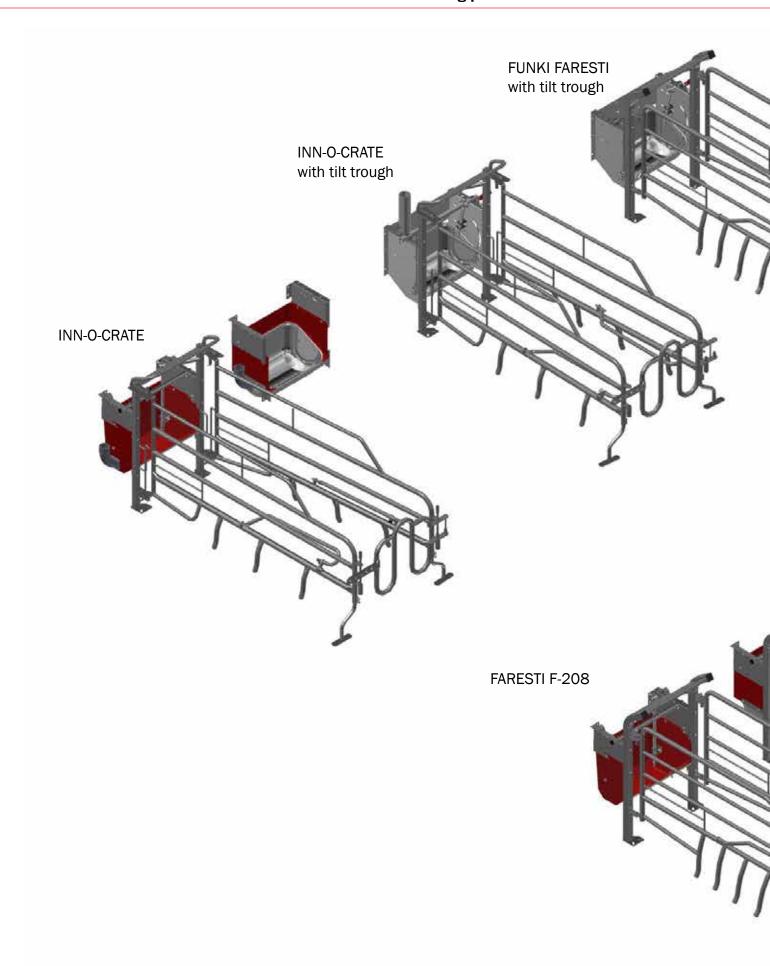
The same rules and sequence apply to the manual opening system.

After installing the manual opening system, test that it can move easily and unhindered up and down.

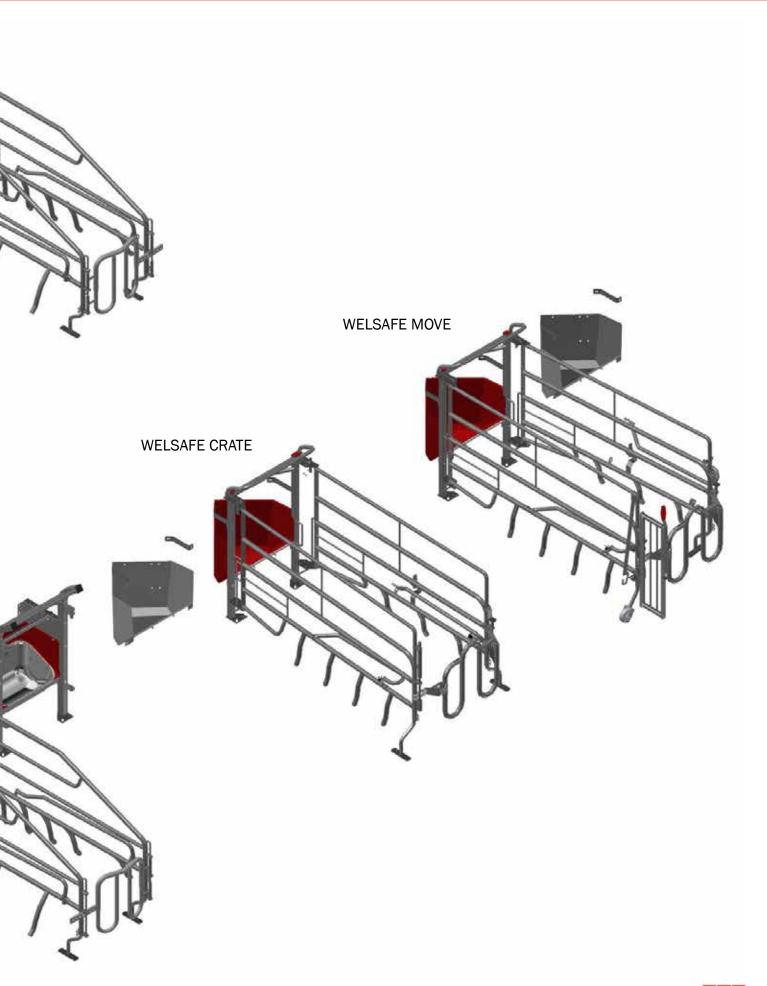
 $\textbf{Table 1} \ \text{gives an overview of the number of opening boxes according to opening system}.$

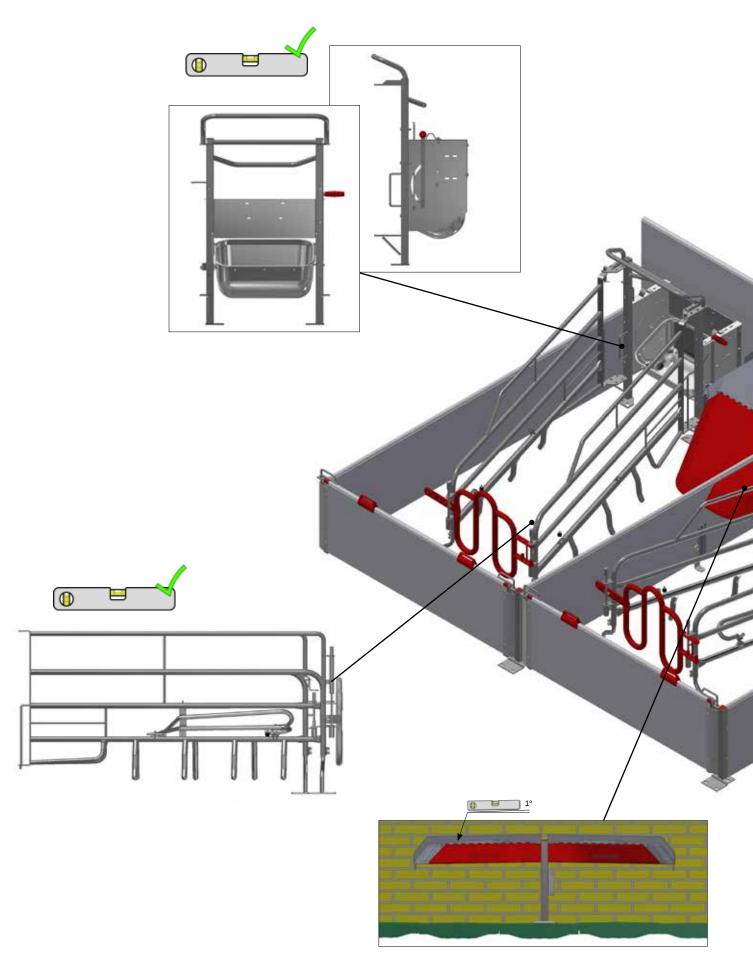
LD Box		Free access box		MAG box	
Air	Manual	Air	Manual	Air	Manual
-	40	60	20	60	30

Tab. 1

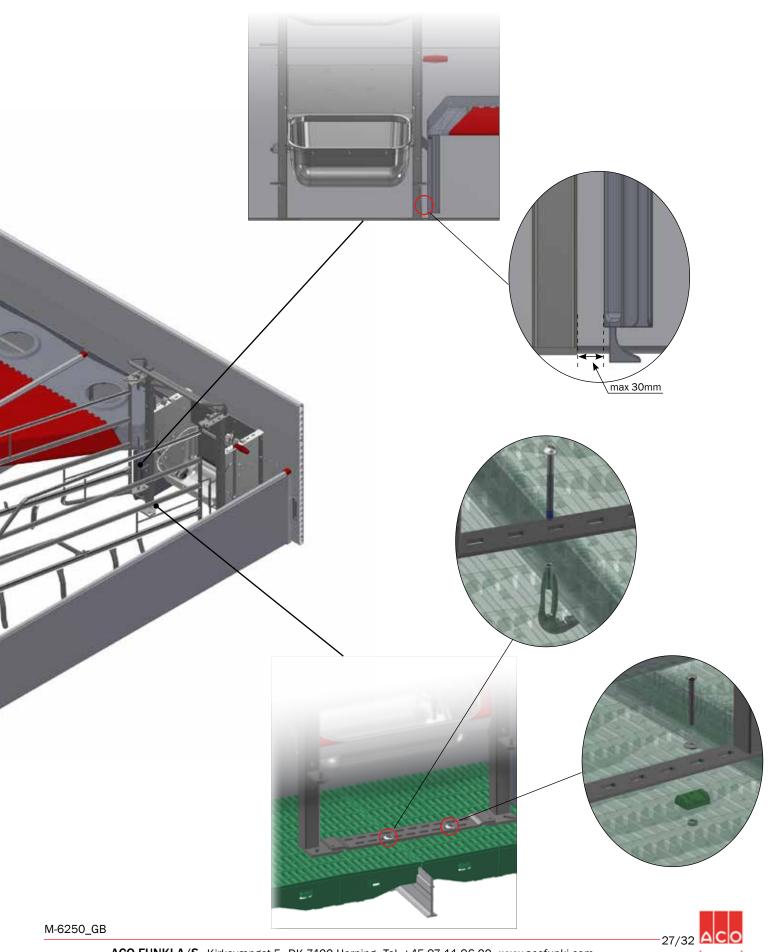


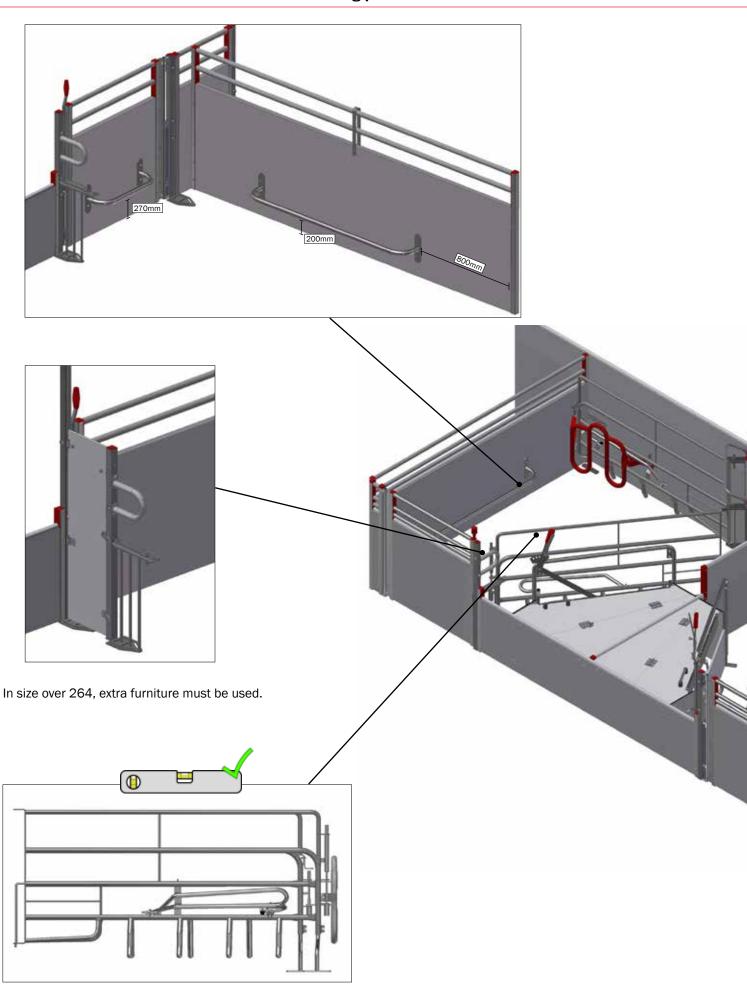


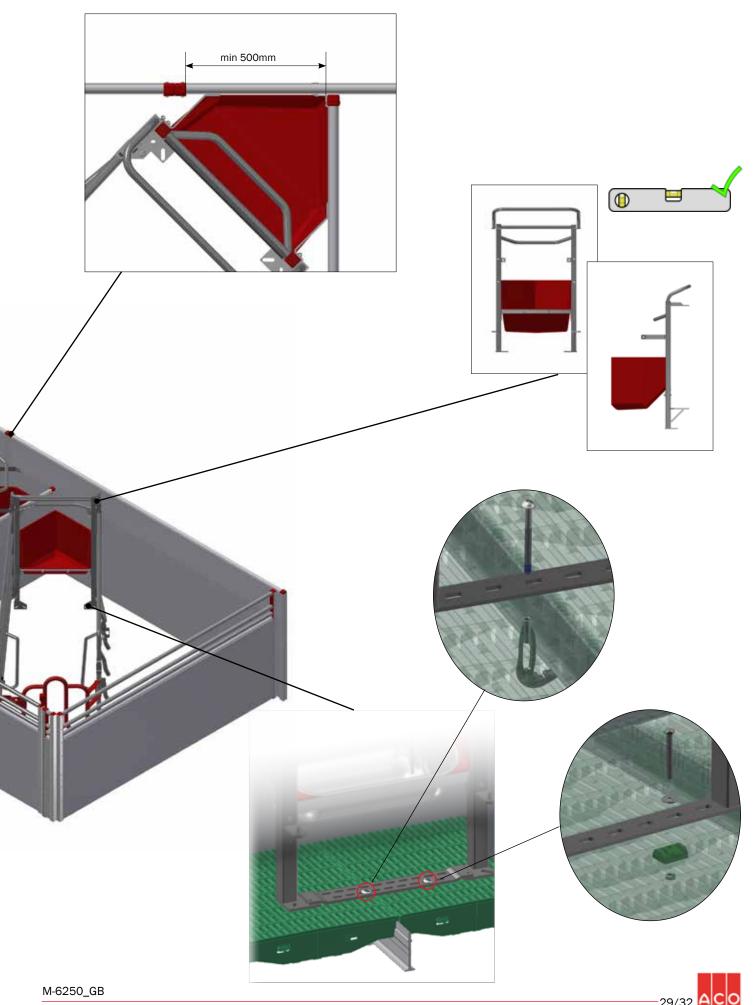




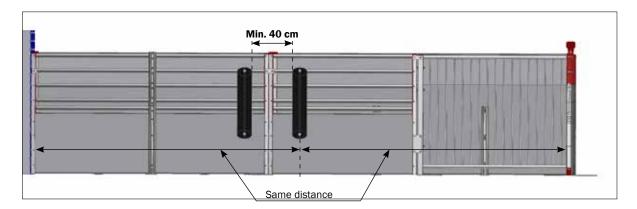


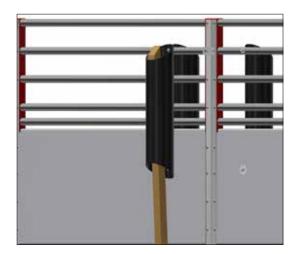






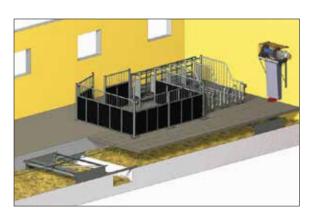
Stick holder





- The size of the piece of wood must be 1/3 of the manipulation materials.
- The piece of wood must be solid wood (e.g. pine, spruce, birch or similar)
- From 1-9 pigs: 1 manipulation material must be used per path to meet the need for investigation.
- From 10-18 pigs: 2 manipulation materials must be used per path to meet the need for investigation.
- From 19 and more pigs: minimum the same quantity as in pens with 10-18 pigs.

Winch system



- The channel height is standard 40 or 50 cm. The drag bucket has
 a standard height of 35 cm. The width of the channel is variable. The
 width of cross channels must be approx. 50 80 cm.
- For channel widths of less than 90 cm, the width of the motor trench must be at least 125 cm. For channel widths over 160 cm, the width of the motor pit and the channel width are the same.
- It is not required that there be drainage from the channels. On the other hand, all channels must be cast with a slope of min. 1 ‰ down towards the delivery point.



Maintenance

A good local environment requires clean and dry penning equipment:

- Soak the paths for 6-12 hours.
- Wash paths and fixtures systematically. Be aware of cake formations at the trough and feeding tube.
- Plastic planks and other plastic parts must not be high-pressure cleaned for an extended period with a constant jet and/or with increased pressure over a short distance. A maximum pressure of 180 bar is recommended.
- Heat lamps, gear, motor, motor protector, sensor, pulley, spindle release, etc. Do not high pressure clean.
- Wooden covers in piggies must not be high-pressure cleaned on the side/end.
- Reservations are made for the use of unsuitable chemicals in connection with the cleaning, which discolour and damage the form of e.g. corrosion.
- Disinfection. If the disinfectant is water-soluble, the stable must be dry, otherwise the disinfectant will be diluted.
- Dehydration. The stable must be completely dry before the sows are moved in.
- If the relative humidity becomes too high, there is a risk of fungus. It is therefore important to ensure good ventilation so that the relative humidity is always kept below 60%.
- All water systems must be regularly cleaned and descaled.
- Water valves are checked.
- When inserting sows, empty pens must be evenly distributed in the stable room.
- The flow temperature of the floor heating is set so that the surface of the floor is 34-35 °C (max. 36 °C) when the heat lamp is switched on. Check with infrared thermometer.
- All fixed and moving parts must be regularly cleaned, tightened and lubricated. However, if these parts come loose
 within 1 month of commissioning, ACO Funki must be contacted immediately. We recommend lubrication with grease
 and oils on all moving iron parts, such as hinges, locks, doors, brackets, etc.

ACO Funki's complaint processing is cf. current legislation.

- Reservations are made for inappropriate behavior from the stable staff, such as violent blows, use of incorrect tools, abuse, etc.
- In addition, reservations are taken for inappropriate behavior from pigs caused by external stress etc.
- Furthermore, the claim does not cover general wear and tear, consequential damage or accidental damage.
- All wearing parts are excluded from the complaint, as these parts are considered consumable parts.
- Tarnishing of stainless materials is to be expected. The right to complain only applies in the event of wear and tear.
- ACO Funki products can be damaged by outdoor storage. We recommend a maximum of one month of outdoor storage. However, changes in the surface with discolouration, tarnishing etc. must be expected, or even within the first month.



Notes

