

Manual Chassis for MS Multi Treatment Unit



EN Chassis for MS Multi Treatment Unit

The
Schippers
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Let's beat AMR with HyCare

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MS MultiTreatment Unit

The MS MultiTreatment unit has been specially developed for the treatment of piglets up to an age of about 5 days. The chassis is a basic module that can be expanded with various modules as desired.

Safety instructions

This manual is intended to support the use and maintenance of the chassis of the treatment unit. Do not use the undercarriage until you have read and understood the entire manual. Contact MS Schippers specialists if there are any questions about this user manual, its use, and/or maintenance.

Working safely with the treatment unit is the responsibility of the user. You must comply with all safety instructions before working with the treatment unit.

NEVER allow untrained personnel to operate the treatment unit. NEVER leave the treatment unit unattended when it is operational.

The MultiTreatment unit and the modules that go with it have been developed for use on piglets up to 5 days old. Do NOT use the treatment unit for other purposes.

Take appropriate precautions (clothing, goggles, dust mask, ear protectors, gloves).

Always use the treatment unit on a flat, stable surface. Always place the modules in the driving position (explanation later in the manual) before moving them as this will ensure maximum stability.

Make sure that you always use properly grounded 230V power outlets. On the treatment unit is a cable reel with 24 meter cable. Do not drive over the cable or plug. Preferably roll it up before driving longer distances with the treatment unit. When rolled up, a maximum power of 1,000 Watts is allowed, when unrolled 2,400 Watts. On the cable reel a marking is present, as soon as this is visible, do not roll out the cable any further to prevent damage to the reel mechanism.

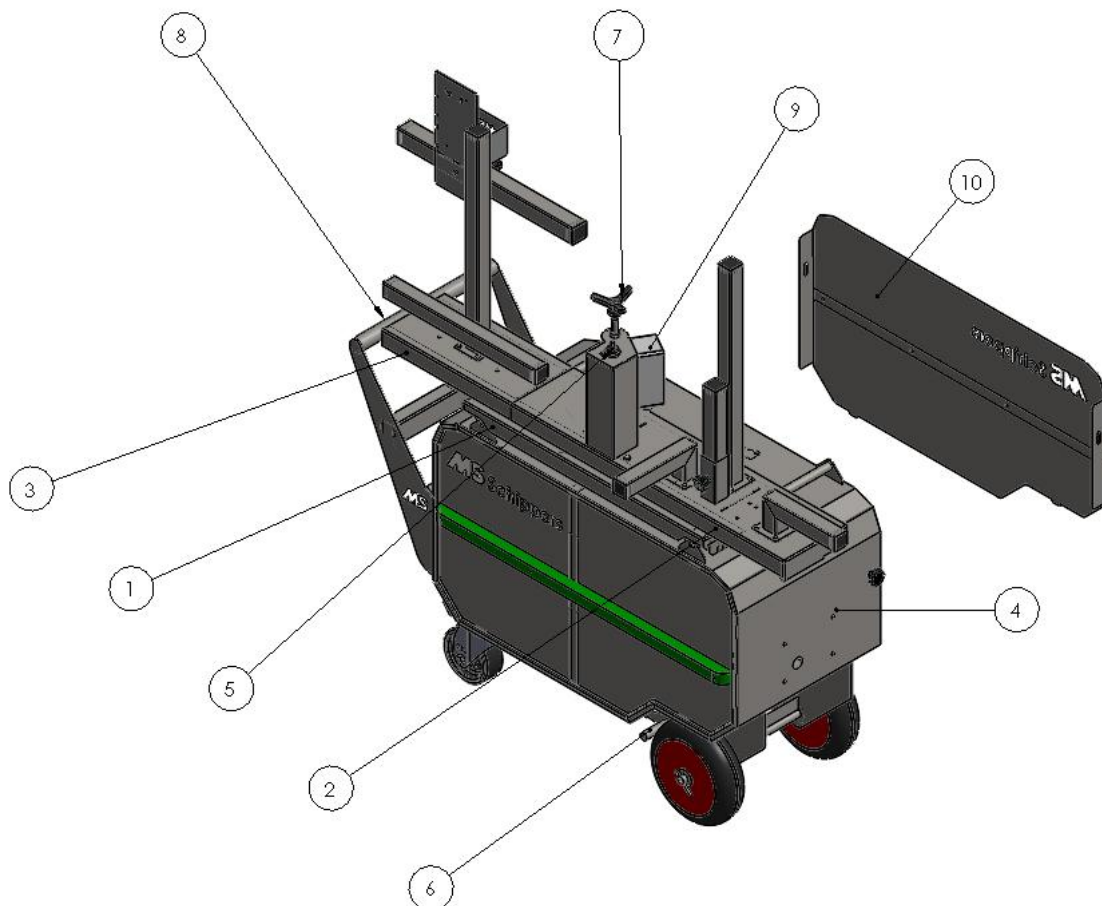
The moving parts can cause entrapment if used incorrectly. Conscious use of these parts prevents possible entrapment.

Apply compressed air between 6.5 and 8 bar.

Clean and disinfect the treatment unit before and after use.

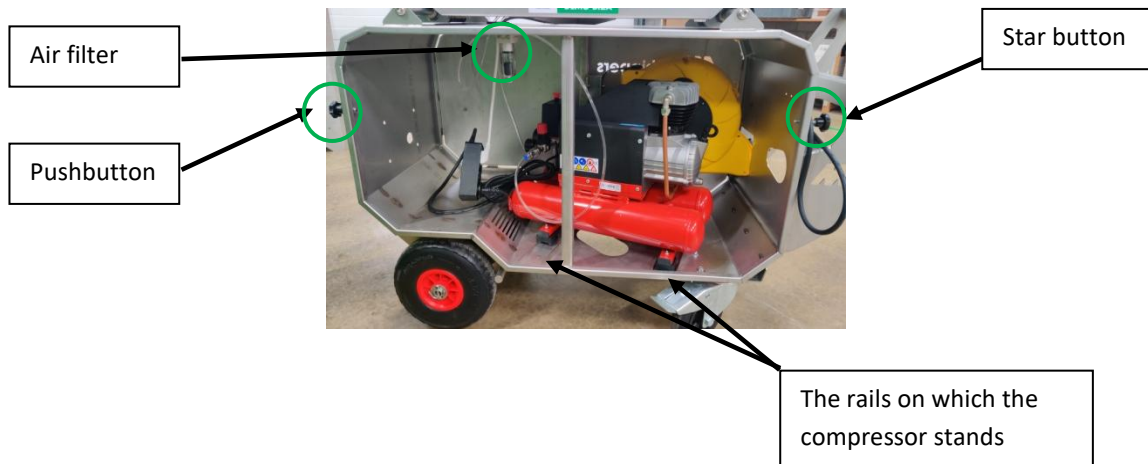
Main components

1. Treatment plateau fixed part
2. Treatment platform adjustable part
3. Sliding part
4. Undercarriage
5. On/off switch
6. Pneumatic brake
7. Height adjustment
8. Push handle
9. Socket
10. Door

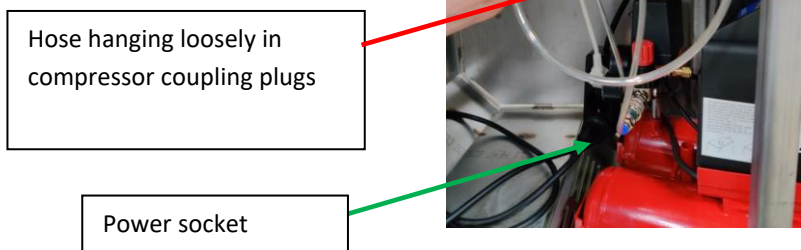


Undercarriage Preparation

First of all, it is necessary to place the compressor. On the front and back you can find a star knob. Unscrew this. At the bottom the door is fixed by means of two tabs, tilt the door slightly forwards and then lift it up to remove it. See illustration for clarification.

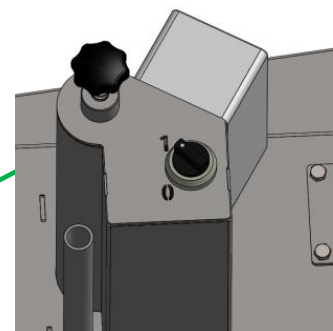


Take the compressor out of its packaging and place it in the rail with the rubber feet. At the top of the chassis is an air filter mounted. Here, on the right side, you will find a loose air hose, insert this into the compressor. Then insert the plug of the compressor into the socket, see picture.



Make sure the on/off switch is set to position 0 (see image). Then insert the plug of the yellow cable reel into the grounded outlet. The compressor will normally start immediately. If this is not the case, follow the steps on page 12 "Troubleshooting Compressor".

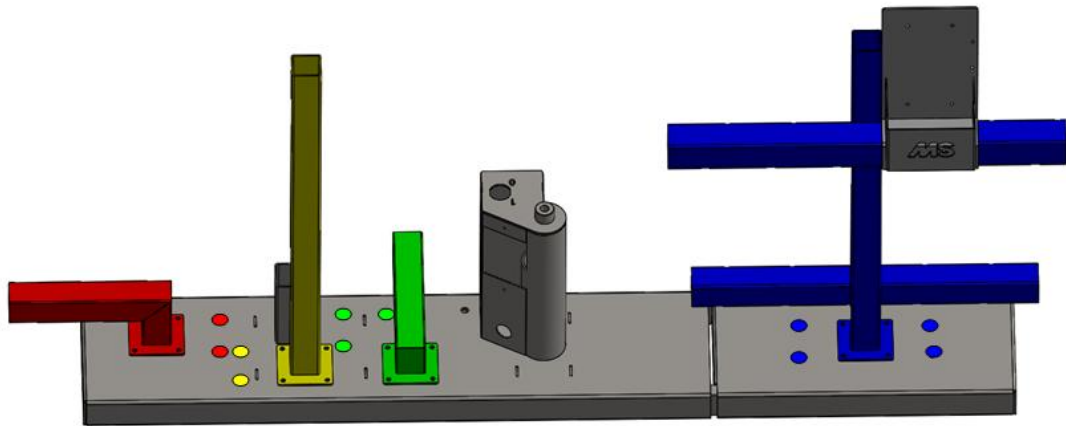
Switch must be set to position 0!



After a period of time, the compressor will switch off. Check that the right hand manometer on the compressor indicates a pressure between 6.5 - 7.5 bar.

Module placement

On the treatment tray there are supports on which the various modules should be mounted. More information about the various modules can be found in the relevant manual and or on the website.



Red: MS Smart Cutter

Yellow: Cassette holder for ear tags

Green: MS TagMatic

Blue: MS Pulse & MS Oral Dispenser.

MS Smart Cutter Module

The MS Smartcutter is a module that allows you to dock the tails of piglets. Take the Smartcutter out of the box and place it on the support. Tighten the star knob to lock it in place. Plug both plugs into the wall socket (see illustrations below for clarification).



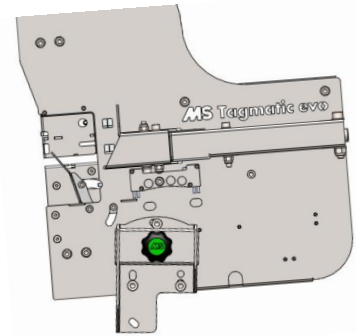
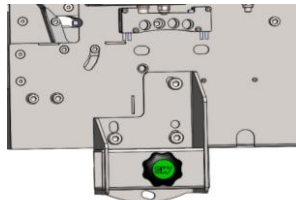
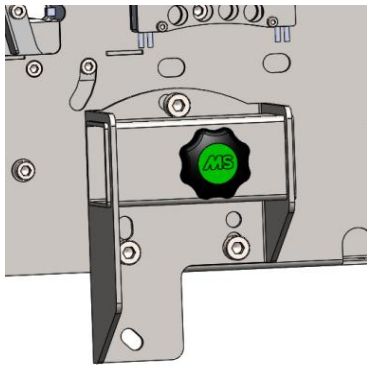
MS TagMatic

The TagMatic is a module that allows you to easily apply ear tags in a piglet ear. There are two versions (Turbo and Evo).

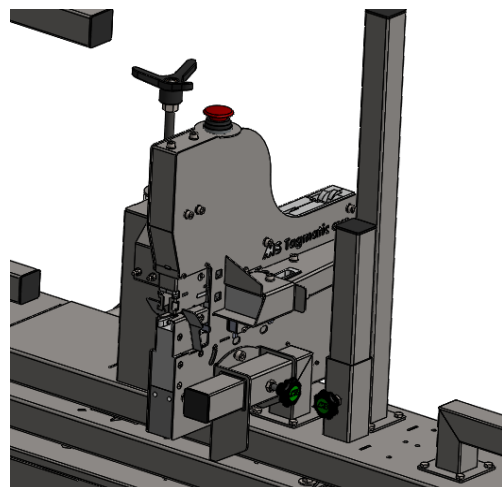
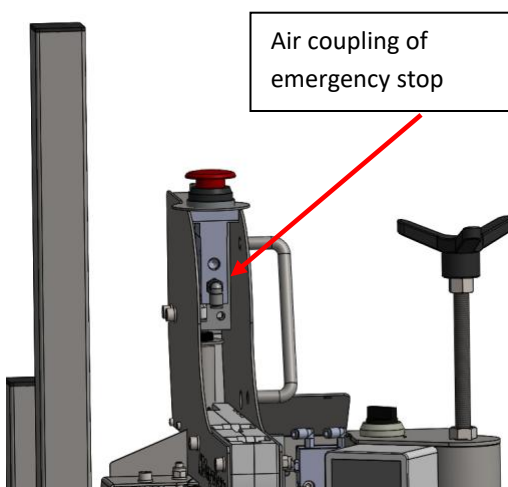
The TagMatic Turbo is the larger, older version of the TagMatic. Take the TagMatic Turbo out of the box and slide it onto the support of the chassis and screw on the star knob.

The TagMatic Evo is the newer variant. Take this one out of the box. You can mount the support in two positions. For this type of support the position shown in the left figure below is recommended. If desired, this TagMatic can be tilted slightly forward or backward. See right image for clarification.

Star button



Place the TagMatic according to the figure below and tighten the star knob. Connect the air hose from the emergency stop to the compressed air supply.



Overige modules

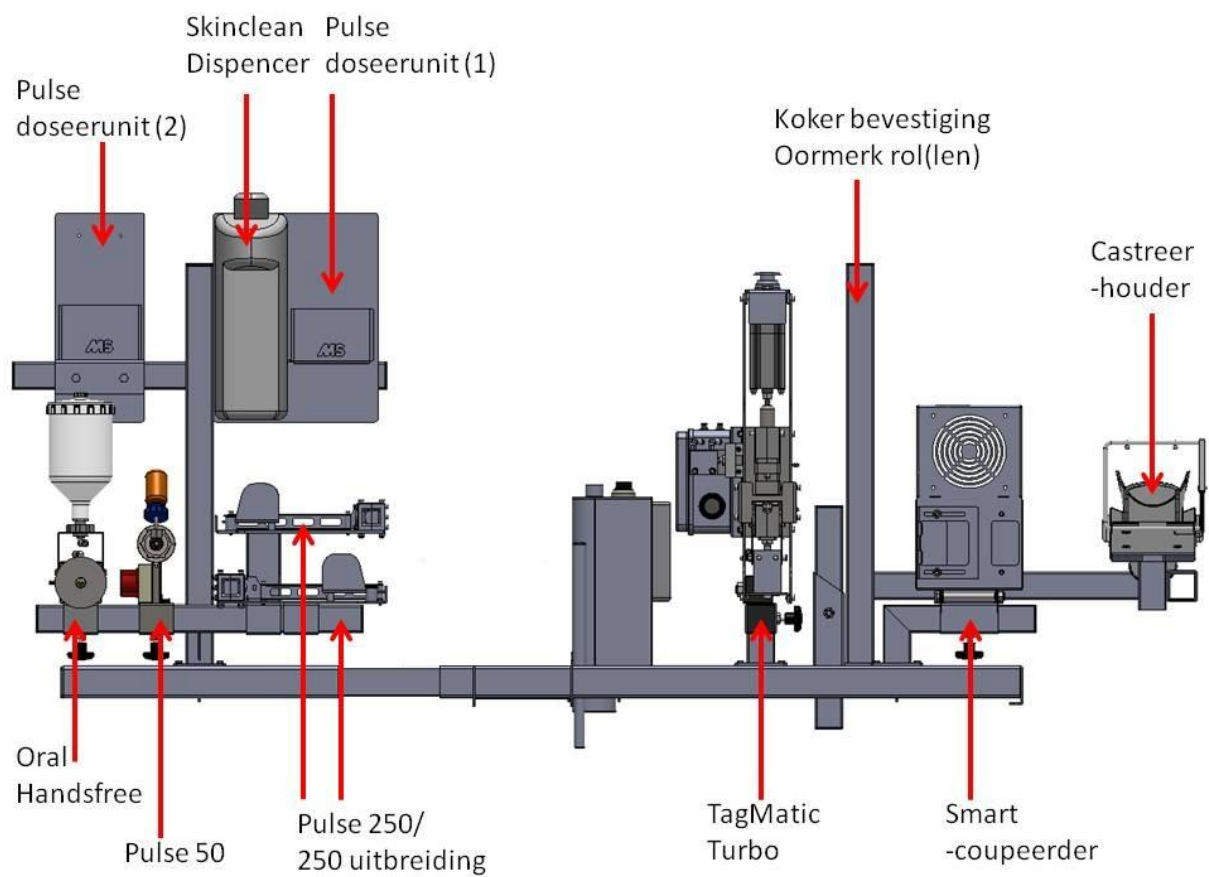
Module MS Pulse 250

Module MS Pulse 250-aanvulset

Module MS Pulse 50

Module MS Handsfree Oral Dispenser

Module MS Castreerhouder

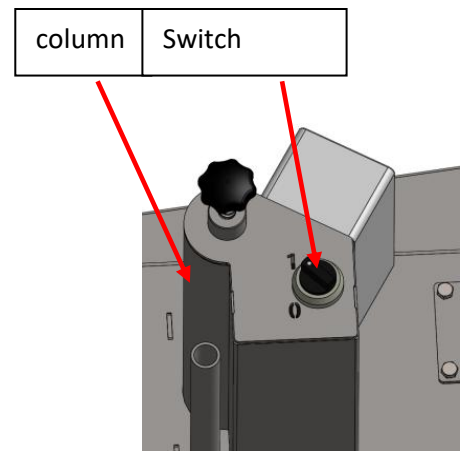


Components

Main switch

When the switch is in position 1 the pneumatic brake will be activated. At the same time compressed air will be supplied to the air hose coming out of the column (supply for the modules).

Note: make sure that there are no loose air hoses and that they are always correctly connected to the various modules. Loose air hoses can move wildly and cause injuries.



The brakes

The BIZA has two types of brakes. The brake on the rear wheels is automatically applied when the main switch is set to position 1. The automatic brake is located at the bottom of the chassis and works by a pneumatic cylinder pushing a metal axle against the fixed wheels (see figure 1). Make sure that no hands or other body parts are in the vicinity of the brake. When performing maintenance, always disconnect the air hose from the compressor first.

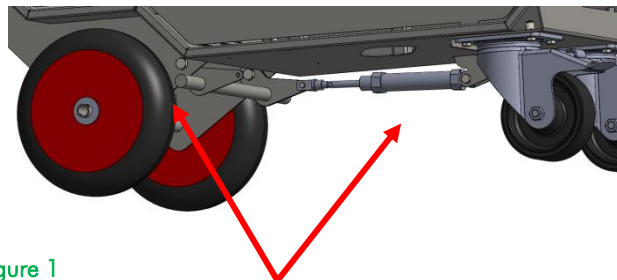


Figure 1

One of the swivel castors also has a mechanical brake. It is easy to operate by foot power (Figure 2). Use this brake when the treatment trolley is not in use or when it is put out of service.

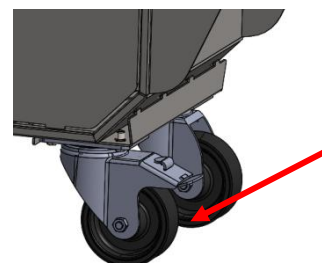


Figure 2

Height adjustment treatment plateau

The treatment plateau can be adjusted in height for an ergonomic way of working. The height can be adjusted by turning the star knob (figure 9).

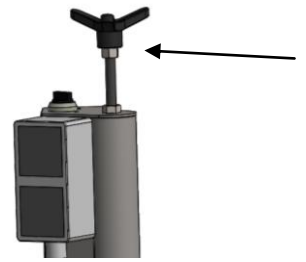


Figure 3

Set treatment side

The treatment table can be rotated 180 degrees (red arrow in figure 5). This allows the treatment side to be adjusted. First, unlock the treatment plate by loosening the star knob (green arrow, figure 4) and lifting the locking sleeve slightly. After changing the treatment side you can lock it in the same way.

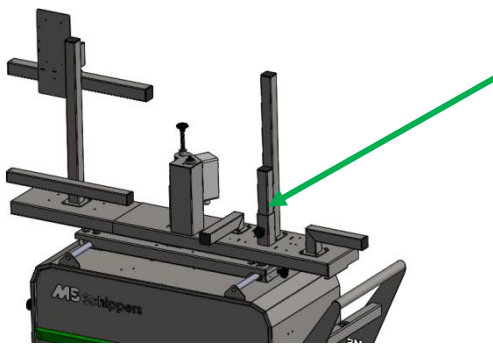


Figure 2

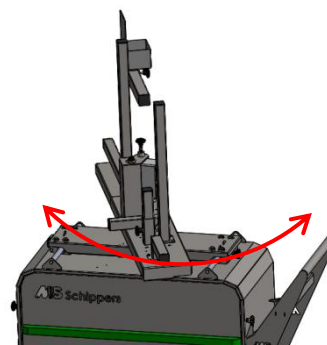


Figure 3

Setting the horizontal position of the treatment plateau

The treatment platform can be adjusted horizontally by loosening the bolts on the side of the platform (green arrows) and pulling the platform towards you or away from you (red arrow). When driving longer distances, make sure the platform is in the position for maximum stability (in the center of the cart and in the lowest position).

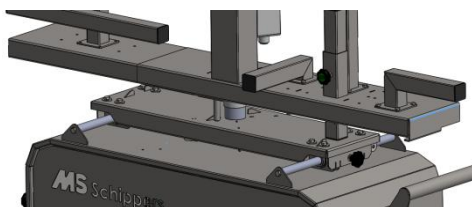


Figure 4

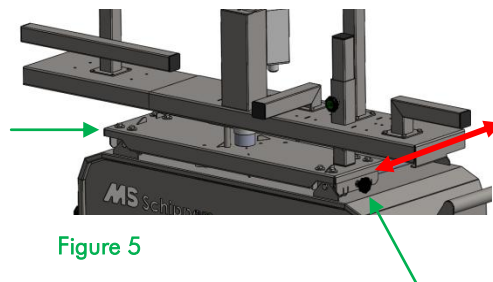


Figure 5

Extending treatment plateau BIZA

The treatment plateau can also be extended when you find that there is too little space between the machines or when two people are treating simultaneously. This is done simply by pulling the extension part. In Figures 8 and 9 you see a retracted and extended treatment plateau.

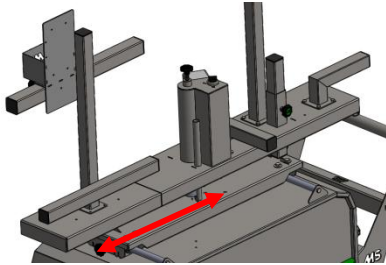


Figure 8

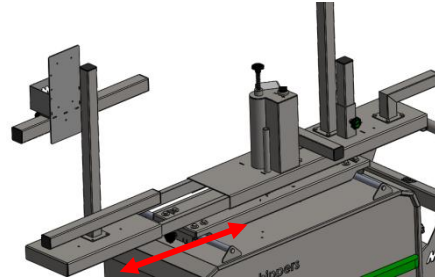


Figure 9

Troubleshooting compressor

When the compressor doesn't give any pressure or doesn't start working you can follow the next steps:

1. Check whether the plug is in the wall socket.
2. Check if there is 230Volt voltage at the outlet.
3. Check that the compressor is on. The red button should be in the pulled out position (Figure 16).
4. It may be that the boiler is still under pressure, check this by reading the boiler pressure from the manometer. Minimum value is 6,5bar.
5. Check that the transparent and blue air hoses are not jammed, kinked, or not correctly connected to the units.



Figure 10

If the problem is still not solved, please contact MS Schippers customer service.

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