



OPERATING AND SERVICING INSTRUCTIONS

HANDOVER DECLARATION



Hoof care crush:
Vet Pro - Stationary

Appliance number: _____

Purchase Date: _____

*Must be read before first commissioning!
Keep for future reference!*

Valid as of: 04/2017



REPLACEMENT PARTS LIST

VET PRO – STATIONARY

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VET PRO – STATIONARY

1. INTRODUCTION

1.1. ABOUT THIS PRODUCT

With the Rosensteiner "VET PRO Stationary" treatment crush, you have purchased a tool with pioneering technology for animal hoof care, as well as for restraining the animal in position while an operation is being performed. The hoof care and operating crush is used for periodic, professional and economical animal hoof care, as well as for use in the examination and therapeutic treatment of cattle, allowing the caregiver to work in an ergonomic, functional and fatigue-free position.

The hoof care and operating crush is referred to in general in these instructions as the tool

The tool and its equipment correspond to the state of the art at the time of introduction to the market. There are nonetheless residual risks. We have minimised the risk to health of persons from these hazards as far as possible with the construction.

This document contains important instructions and is intended for safe operation, including all activities necessary, such as operation, servicing and maintenance. Following these instructions will help you to avoid hazards and increase the lifetime of the tool. No changes may be made to it by the customer.



The documentation of the individual sub-suppliers and in particular the instructions and specifications given in them are fully valid and must also be adhered to.

The manufacturer accepts no responsibility for damage arising from non-adherence to specifications or instructions in these operating instructions or from incorrect use.

The documentation was prepared by us with the greatest care. There may however be minimal differences in the content. Please bring these to our attention.

CAUTION



Any changes (constructive, functional or procedural) undertaken independently or the use of components or additional components on the tool release the manufacturer from any liability.

WARNING



Any intended conversions, changes to the tool described require a new analysis of the hazards and evaluation of the risks! Original parts and accessories are designed especially for this tool. We expressly draw attention to the fact that original parts and accessories not specified and/or supplied by us have also not been tested and approved by us. Installation and/or use of such products could therefore negatively affect or change the constructive properties of the tool. The manufacturer accepts no liability for damage arising from use of non-original parts and accessories.

1.2. INTENDED USE

The Vet Pro Stationary hoof care and operating crush is exclusively designed for performing animal hoof care activities and for restraining the animal during an operation.

The hoof care crush is suitable for cattle from 300 kg to maximum of 1200 kg.

Any action that differs from the "intended use" is considered misuse, and is thus prohibited. This also applies to components of this tool.

1.3. EXAMPLES OF INCORRECT USE

- Any use other than, or beyond, the "intended use".
- Operation of the tool that does not conform to the requirements of the safety and hazard aspects and all instructions in the operating instructions. This also applies to faults arising from inadequate, incorrect or unauthorised work on/with the tool.
- Any change, bypass or deactivation of equipment on the tool that serves for fault-free function, as well as active and passive safety.
- Operation of the tool if it is not in a technically fault-free status.
- Non-rectification of faults that compromise safety before using the tool.
- Use of non-authorised auxiliary equipment and tools.

The manufacturer will accept no liability for damage resulting from incorrect use.

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1.4. EU- DECLARATION OF CONFORMITY

Manufacturer and Party responsible for documentation:

ROSENSTEINER

Landmaschinenbau Ges.m.b.H.

Zehetner 26a

A-4596 Steinbach / Steyr

Telephone +43(0)7257/7071

hereby declares that the machine described in these operating instructions:

Type: Vet Pro - Stationary

Brand: Rosensteiner

complies with the conditions of Guideline 2006/42/EG (for machines).



Steinbach, 01/03/2017

Andreas Rosensteiner, Managing Director

1.5. GUARANTEE DECLARATION

Rosensteiner Landmaschinenbau GesmbH gives the purchaser a guarantee according to the following conditions:

- 1) The guarantee covers the function and quality of the appliance. Wear and tear is not covered by the guarantee.
- 2) The guarantee period is one year starting from the day of delivery to the customer. All guarantee claims submitted to the dealer or to the factory, Zehetner 26a, A-4596 Steinbach, within the guarantee period will be considered.
- 3) If faults appear in the material or workmanship within the guarantee period, guarantee claims should be submitted immediately to the dealer or manufacturer.
- 4) The faulty appliance or faulty part must be shown to the dealer. A subsequent repair or replacement may only be carried out with the agreement of Rosensteiner. Expenses will not be accepted by the manufacturer unless expressly agreed. No expenditure will be covered without the express approval of the Rosensteiner company: The appliance must be brought by the customer carriage paid to the dealer
- 5) Guarantee claims cannot be considered if the appliance has been damaged or destroyed by force majeure. Caution: Guarantee claims are also invalid for damage caused by incorrect handling, overloading, attaching to carrier vehicles that are too large or due to failure to carry out maintenance and servicing!
- 6) Guarantee claims will only be considered if the purchase agreement, invoice, or delivery note and appliance number are submitted.
- 7) The guarantee offered provides for the repair of the appliance or exchange for a functional equivalent.
- 8) The guarantee does not cover any other claims, especially for loss or damage of any kind that arise from use of the appliances.
- 9) If an exchange is made by us under this guarantee, guarantee claims against the dealer as the seller are excluded.

1.6. TECHNICAL DATA

Machine type	Hoof care crush Vet Pro - STATIONARY
Year of construction	2017
Dimensions	1850/2450/1950 (L/B/H)
Recommended animal size	300-1200kg
Tare weight	950 kg
Cushioning	Rubber mat Cow Comfort
Drive via	220V/2.2kw Electro-hydraulic
Surface	Galvanized/powder coated

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1.7. DATA PLATE

The data plate is attached to the frame on the right front in the direction of travel and contains the type designation and the test number.



1.8. STRUCTURE AND SCOPE OF APPLICABILITY OF THE OPERATING INSTRUCTIONS

1.8.1. Structure

These operating instructions were written according to the Guideline 2006/42/EG and the Regulation MSV 2010 implemented from that in Austria. These operating instructions will support you in familiarizing yourself with the technical characteristics of the machine, operating and servicing the machine correctly and safely, and using it for its intended purposes.

1.8.2. Target Group

These operating instructions are aimed at persons who are qualified to handle a hoof care crush, who are familiar with commissioning and operating such devices, and have the appropriate qualifications for their activities and functions, i.e., those who can evaluate the work and recognise possible hazards due to their specialised training, their knowledge and their experience.

Every person who works with this hoof care appliance must be familiar with handling the animals/cattle to be treated.

Every person who is involved in working with the hoof care crush – e.g.: operation, maintenance, transport – must:

- have read and understood these operating instructions before starting work on the machine
- follow the instructions and safety information contained in them

1.8.3. Changes to these Operating Instructions

These operating instructions reflect the status of the tool at the time the operating instructions were written.

1.8.4. Safe keeping of these operating Instructions

These operating instructions must be kept at the place where the tool is used and must be accessible to all persons working with the tool! In the case that these operating instructions are lost, please request a replacement from your dealer. If you sell your machine, please remember to pass on these operating instructions as well. They constitute a legal constituent part of your machine. You can also find the operating instructions on the home page www.rosensteiner.at

1.8.5. Spatial Restrictions

The tool is designed for mobile use at different locations of use.

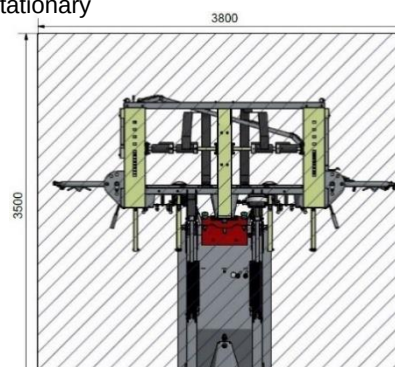
1.8.6. Time Restrictions

Due to the demands on the work equipment, the service life of the components used must be taken into account in terms of reliability, susceptibility to malfunction and their limits of use. The following life phases are not covered by these operating instructions:

- Manufacture and transport (to customer / operator)
- Maintenance work on the tool and its components in workshops
- Work which requires specialist competence on the part of the person carrying it out, (welding work, electrical work...)

1.8.7. Operational Working Space

Recommended space requirement for Vet Pro - Stationary



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1.8.8. Explanation of the Information and Hazard Notices

	Useful additional information in the continuous text is marked with an info button next to it
SIGNAL WORD	Type and source of the hazard and the associated risk!
	Possible consequences to persons, machine parts, tools and work piece – Residual risk! – Actions for avoidance of the risk to life and limb and reduction of the residual risk.
SIGNAL WORD	Meaning
NOTE	Warns of a possibly hazardous situation which could result in damage to the appliance or an object in its vicinity.
CAUTION	Warns of a possibly hazardous situation which could lead to minor injuries or material damage.
WARNING	Warns of a possibly hazardous situation which could lead to serious injuries or death.
HAZARD	Warns of an immediate hazard that can lead to severe physical injury or death.

1.8.9. Pictograms in the Operating Instructions and on the Machine

	Never step in the hazard area between the attachment and the machine!
	Beware - Crushing hazard!
	Read and observe the operating instructions and safety notices before commissioning!
	Switch off motor and disconnect power before repair, servicing and cleaning work!
	Maintain a safe distance from high-voltage electric lines!
	Use chocks before uncoupling or setting down the machine!
	Avoid uneven surfaces and slopes on which the machine could slip, tip or fall!
	Switch off the engine and the remove key before servicing and repair work!
	Beware of escaping hydraulic fluid. Follow the instructions in the technical handbook!
	Caution-Tipping hazard, secure the swivel hoof care crush against tipping.

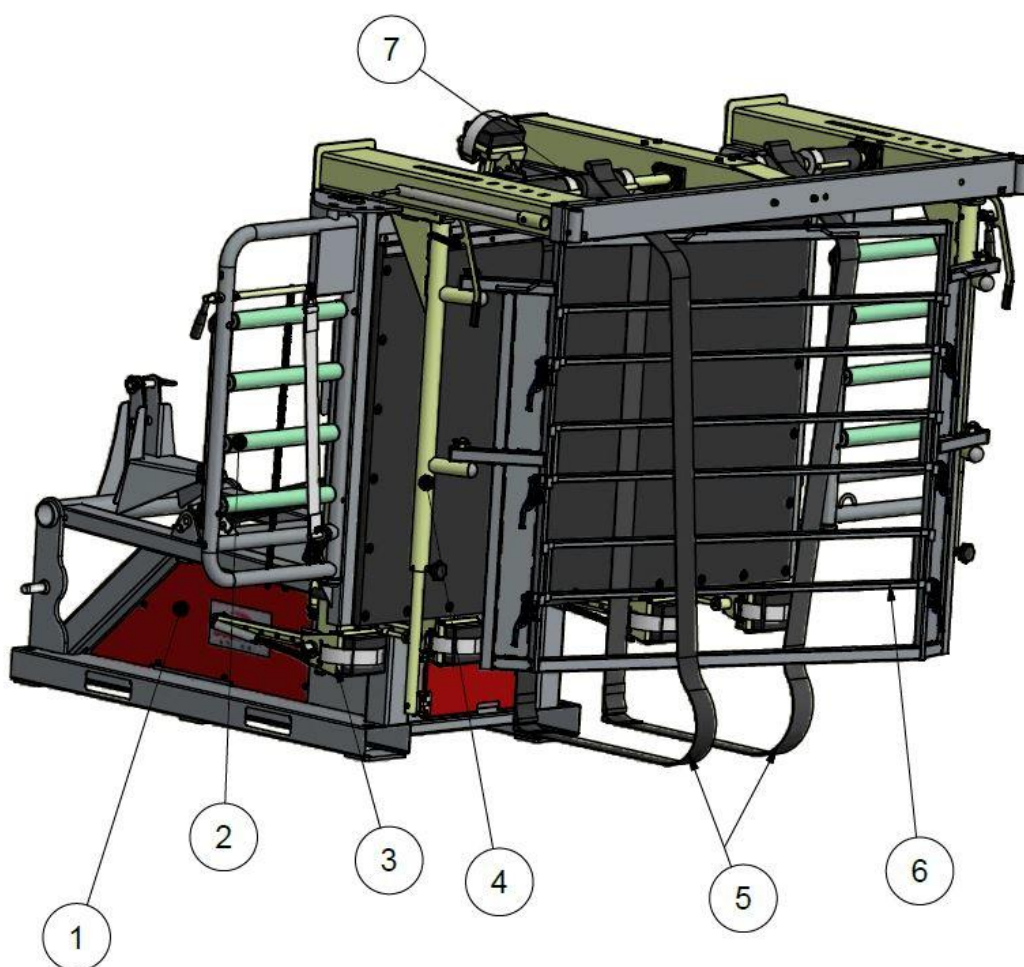
2. TRANSPORT

	Rotate both head restraints by 90°
	Move the table horizontally to the limit stop

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3. COMMISSIONING / OPERATION

3.1. APPLIANCE VIEW / MAIN OPERATING ELEMENTS



Item	Designation	Item	Designation
01	Technical box	02	Head restraint/Drive-out gate
03	Foot holder	04	Capture device
05	Belly strap	06	Protective grating
07	Belly strap wrapping		

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3.2. SAFETY INSTRUCTIONS BEFORE COMMISSIONING THE MACHINE

NOTE



- At first commissioning, you should seek assistance from a person who is experienced with the appliance and with hoof care.
- Do not carry out hoof care immediately after feeding!

WARNING

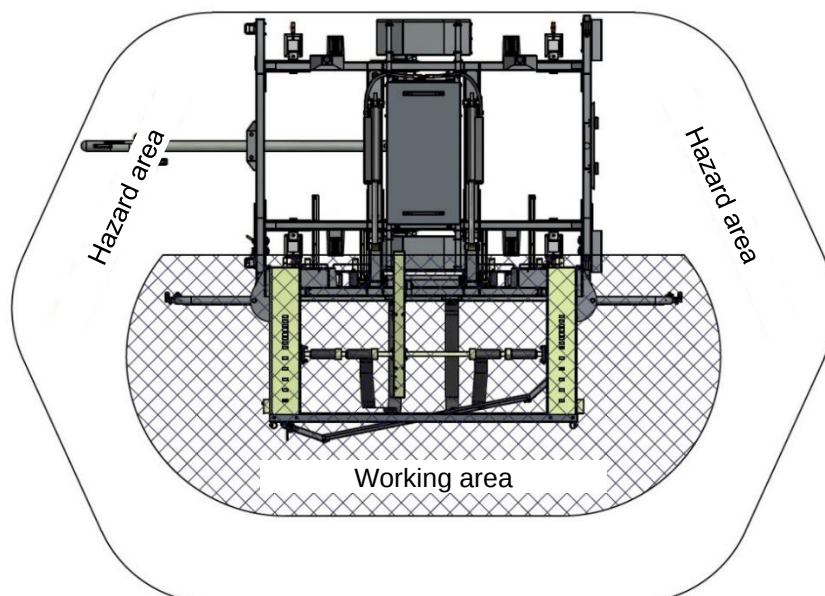


- These instructions must be carefully read and followed before starting and operating the tool.
- Ensure adequate ventilation when working.
- It is recommended to separate the towing vehicle from the trailer
- The appliance may only be operated by persons who are familiar with the intended area of use and with handling cattle.
- A general visual check of the hoof care crush should be carried out before use to identify any possible changes.
- Check whether the hoof care crush is set on a level surface.
- Check the hoof care crush for loose parts (especially bolts) and hanging parts.
- Check the hydraulic system for damage, especially the hose / lines.
- Check belt for wear.
- Check the condition of all safety equipment.
- Check bolts and tighten if necessary.
- The appliance may only be operated with suitable protective measures against excessive contact voltage. RCD switch 30mA tripping voltage.
- Carry out visual check of electrical equipment for damage.
- Check that the last electrical inspection is within the annual interval. (annual inspection of the electrical installation by specialist is required)
- Check the working area and ensure that no other unauthorised persons are in the working area – beware of children in particular.
- Use personal protective equipment



3.3. HAZARD AREA/WORK AREA

- Only specialist operating personnel are allowed in the hazard area (location of the hoof care appliance + 2m clearance)
- The operator must ensure that no other persons are in the hazard area.



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3.4. PROCEDURE FOR STARTING THE HOOF CARE CRUSH

	See Appliance view(s) for subsequent numbering:
	 1) Secure the treatment crush against tipping! Before any operation of the appliance, at least one of the following fastening measures must be taken: • Version A: fixing to the ground to use the hoof trimming crush with a fixed floor mounting, the appliance must be fixed using four suitable bolts (e.g.: Fischer Anker FBN II 12/20 (12x116) or higher specification) secured through the four ground fixing points. The four ground fixing points are located at the four corners of the sub-frame. The ground must be suitable for fixing and be able to support an axial load of at least 20kN. When appropriately fixed permanently to the ground, the VET PRO Stationary is a stationary appliance. • Version B: Attachment to a carrier vehicle If the hoof care crush is used with a carrying vehicle such as a tractor or a loader, there must be a positive-locking non-self-releasing connection to a carrying vehicle. The carrier vehicle must have a tare weight of at least 2500kg. A positive-locking connection would be for example the fitting of the tractor hydraulics with upper and lower limb at the three-point connection provided for that or the locked tool fitting of a loader. • Version C: Bespoke Construction The hoof care crush can be secured against tipping using a bespoke construction made by a specialist. The following conditions must be met: - Fixing of the bespoke construction to the three-point attachment of the hoof care crush. This is designed for that purpose. - The construction must be able to receive a force of minimum $F_{3PKT} = 20,000 \text{ N}$. See sketch. Appropriate supporting calculations must be made and kept. - The construction must be made by a specialist firm or by a person with appropriate knowledge and skills. The materials used, the quality of the welded seams and the fitting materials must be suitable for the forces that occur. - The fixing points of the construction on the ground, the wall or other suitable place must be able to bear the moment or tensile forces that occur. - Rosensteiner GmbH cannot accept any liability for the correct construction! 2) Take the power cable from the electrical room in the technical box (1) and connect Vet Pro to the mains (230 V, 50 Hz). 3) Remove the switch bulb with cable from the technical box (1) and close the cover again. Switch on motor switch and tilt the lifting wall vertically using the lifting wall control. 4) Rotate the head restraints (2) or drive-in gate (2) into drive-in position (in alignment with rubber mat, see 3.1 Appliance view) 5) Loosen the belly strap wrapping by means of the switch bulb or press it down until it stops and bring the belts (7) into the drive-in position. To do this, lay the belts as flat as possible on the ground, guide them up on the inside of the protective grating (6) and hook them into the uppermost strut in the holders. 6) Push the rear and front catching bars (4) into working position. Open the catching bar on the head side so that there is enough space for the head, but the animal cannot pass through with its shoulders. On the other side, open the catching bar completely. The head side will vary depending on whether the animal is to be laid down on its left or right side. 7) Drive in the cattle, close the drive-in gate (2) behind the animal. Secure the animal's head additionally with the neck strap. The neck strap can be attached to either of the head restraints, left or right. 8) Hook the belly strap (5) into the winding bolts at the back and tighten it manually until the strap lies loosely against the body of the cow (behind the hip bone). Now tighten it by half a turn. Tighten the belly strap at the front manually until the strap lies loosely against the body
	9) Tighten the belt hydraulically until the stop limit. 10) Tip the table by 45° using a switch bulb. 11) Fasten the feet firmly with the foot holder (3). To do this, place the feet on the cushion, place the belt on top and then place the chain in the chain sprocket. Then pull the chain from behind over the top to the front and tighten it firmly.

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	12) To adjust the height of the footrests, release the spring lock and adjust the height. For longitudinal adjustment, press the lever integrated into the forming tube upwards and move the foot holder. The longitudinal displacement is limited by a spring bolt on the underside. 13) Tilt the lifting wall horizontally.
 	14) Carry out hoof care or treatment 15) Put the table back in 45° position. Unstrap the feet by pulling the lever at the chain sprocket and pulling out the chain. Push the foot holder back completely. (Attention: Danger of crushing between foot holder and foot holder mount!) 16) Lower the table to the stop, loosen the belts, open the capture device and drive the animal out.

4. CLEANING

- NOTE**
- Follow the safety instructions in the safety data sheet of the cleaning agent / disinfectant,
 -  – Dispose of waste cleaning water according to the regulations of the country in which the appliance is being used.
 - Wear safety goggles
 -  – Do not use any cleaning agents or disinfectants that corrode paint, zinc coating or rubber!

Servicing / Maintenance / Repair

4.1. SAFETY INSTRUCTIONS

- CAUTION**
- Maintenance work may only be carried out by qualified and trained personnel or by the manufacturer itself.
 -  – Servicing and maintenance work may only be carried out if there is sufficient lighting for the work to be completed.
- WARNING**
- Servicing work may only be carried out when the appliance is switched off
 - 

4.2. ELECTRICAL HAZARDS

Contact with live components.

Effects of electric current on humans.

- HAZARD**
-  – Adherence to legal regulations for installation, operation, maintenance and inspection of the electrical equipment.
 - Only allow work to be carried out by electrical specialists
 - Have damaged installations repaired immediately by specialist personnel!
 - Use of suitable sockets, plugs and connections
 - Periodic inspections
 - Before opening the housings of electrical devices, always switch off the current and secure against re-connection!

Maintenance personnel must be familiar with all technical standards and regulations.

Injuries due to unexpected changes in operating conditions.

- HAZARD**
-  – Check loosened bolt connections for tightness before starting
 - Loosening bolt connections: When opening bolted connections, open them slowly to release pressure in the lines.
 - Opening of drain points with bolted connections: Only remove bolts if the system is de-pressurised!

The pressure must be completely released before opening pipe connections and pressurised systems.

4.3. SERVICING AND CARE

The following actions will improve operational safety and extend the lifetime of your appliance:

-  – All joints and grease nipples must be lubricated regularly, and after every wash with a high-pressure hose.
 - Check hydraulic oil level from time to time and top up if necessary. Change the oil one year after first commissioning. Further oil changes every 2 years (also drain the cylinder).
Original filling: Hydraulic oil HLP10, quantity: 5 litres.
 - Check bolts (especially on the hydraulic system) after every 5 uses and tighten if necessary.
 - Immediately repair or replace damaged parts. Working with damaged parts can be a hazard to you and to the animal.
- NOTE**
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- Even with correct storage and permitted loading, hoses and hose connection are subject to natural ageing. This means they have a limited service lifetime. The service lifetime of a hose connection, including any storage times, should not exceed six years. The storage time should not exceed two years. Compliant with DIN 20 066.
- It is recommended that the work area including the foot holders are treated with an organically decomposable form oil, as this offers good protection against corrosion and ensures smooth operation of all moving parts

5. REPLACEMENT PARTS

NOTE



- If a component of the machine needs to be replaced, original parts must be used. Replacements for original parts and consumable parts not supplied by the machine's manufacturer are also not tested or approved by the manufacturer.
- Installation and/or use of such products could alter the constructive characteristics of the machine and affect safety.
- The manufacturer will accept no responsibility of any kind for damage or subsequent losses arising from the use of non-original replacement parts and accessories, or incorrect installation or exchange of original parts and accessories and the guarantee will no longer be valid.
- We recommend the use of original parts even after the expiry of the guarantee period to ensure continuous effective operation of the machine. In the event of a guarantee claim, please contact your local sales and service partner.

6. PERIODIC INSPECTIONS

NOTE



- The electrical installations of the machine must be inspected annually by an electrical specialist.

7. SCOPE OF DELIVERY / ACCESSORIES

Serial Equipment:

- Mechanical drive-out gate
- Mechanical head restraint device
- Hydraulic belly strap tension
- Hydraulic lifting wall
- Quick release foot holder
- Technical room
- Hydraulic drive 230V / 1.-5kW, lifting capacity 1200kg
- Total structure [...]