

# Hoof Trimming Chute Std 1

## Instruction Manual



## POMI Industri ApS

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## **1. Pomi Hoof Trimming Chute**

You have chosen a hoof trimming chute from POMI for use on cattle.

Using the chute for any other purposes is subject to prior written permission from the manufacturer.

POMI Industri ApS disclaims any liability for damaged feet/hoofs.

## **2. Safety instructions**

FOR YOUR OWN SAFETY

- **Always wear eye protection during hoof trimming.**
- **Do not allow unauthorized personnel within a distance of 10m from the machine when it is in operation, for the following reasons:**
  - **the cow may make a sudden movement, or**
  - **oil may squirt from a damaged hose, or**
  - **hoof clippings are flying through the air.**

### **3. EU Declaration of Conformity**

Manufacturer: POMI Industri ApS  
Abildvadvej 5, Thorup  
DK-9610 Nørager  
Tel: +45 98 55 20 00  
\_\_\_\_\_  
Company

Hereby declares that

This machine: Hoof Trimming Chute Std 1 \_\_\_\_\_  
Make serial no., year

has been manufactured in conformity with the provisions of Council Directive 89/392/EEC of 14th June 1989 on the approximation of the laws of the Member States relating to machinery as amended on 20th June 1991 (91/368/EEC), 14th June 1993 (93/44/EEC) and 22nd July 1993 (93/68/EEC), with particular reference to its Annex I on essential health and safety requirements for the design and construction of machinery.

And in particular:

has been manufactured in conformity with the following harmonized standards (Article 5(2) of the Directive)

has been manufactured in conformity with other standards and/or technical rules and regulations.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Poul Mikkelsen  
Manager  
POMI Industri ApS

#### **4. Machine identification**

When ordering parts, please state the serial number of the machine. You will find the serial number on the right side of the machine, as shown in the picture below.



Serial no. \_\_\_\_\_ Year of manufacture \_\_\_\_\_

## 5. Functions

### 5.1. The right side of the chute

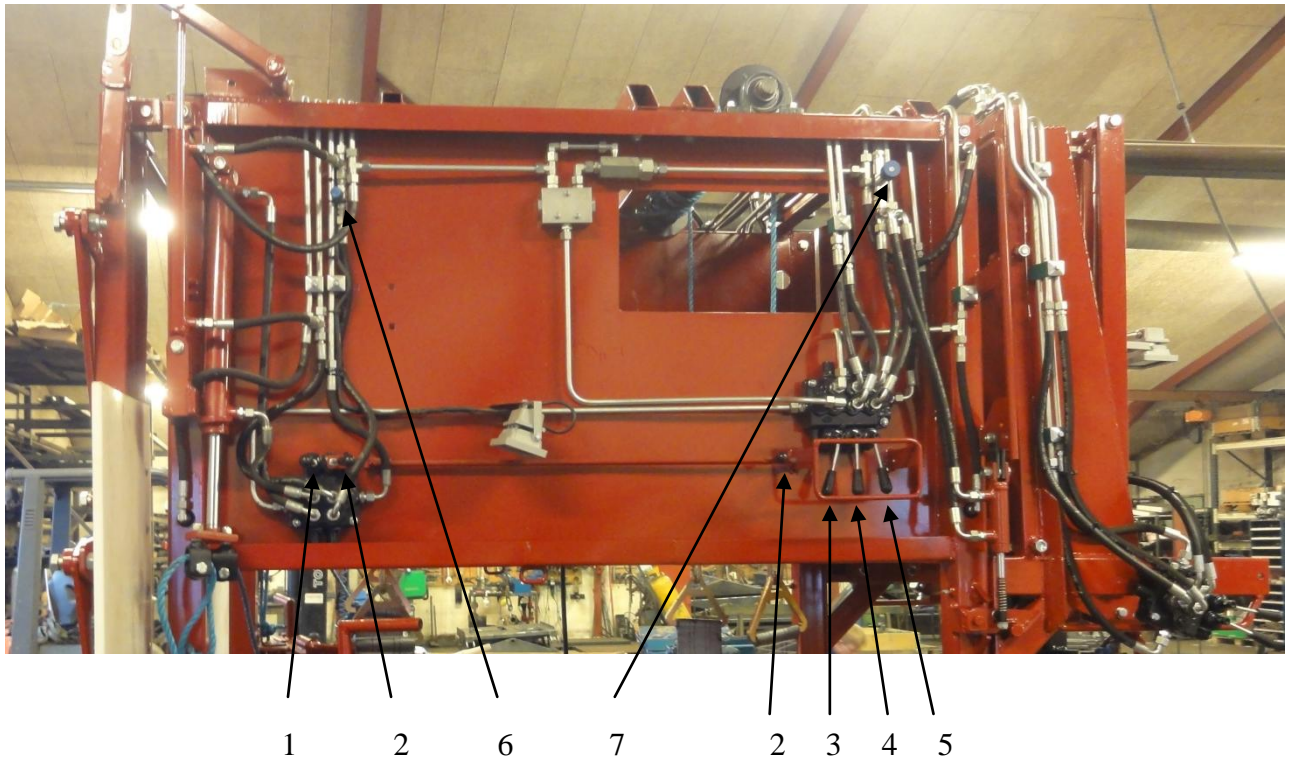


1. Power ON.

2. Power OFF/Emergency stop.

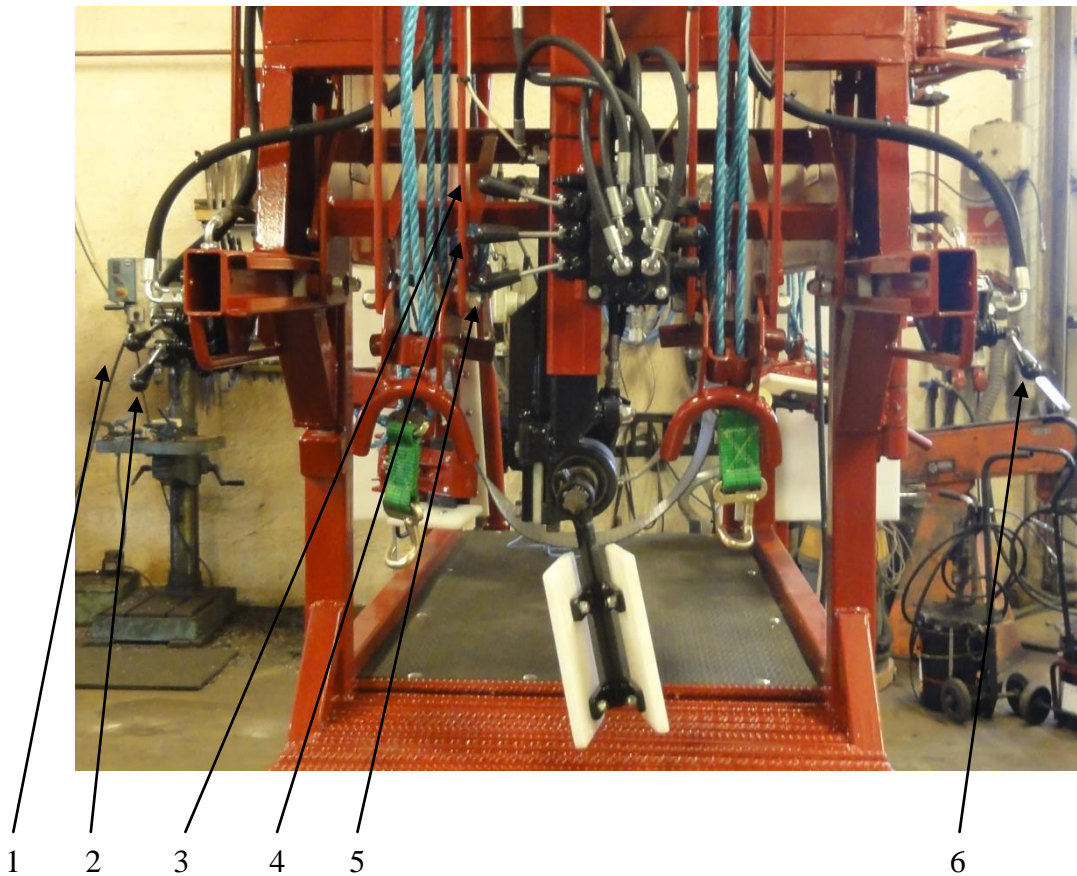
3. Raise/lower the front-leg restraint on the right side (Set the pressure control valve at 90bar).

## 5.2. The left side of the chute



1. Raise/lower the front-leg restraint on the left side (Set the pressure control valve at 90bar).
2. Open/close the head gate.
3. Raise/lower the hoof trimming chute.
4. Raise/lower the cow.
5. Open and close the tailgate.
6. Adjust the opening/closing speed of the head gate.
7. Adjust the opening speed of the tailgate.

### 5.3. The rear end of the chute



1. Raise/lower the rope with cuff for the left hind leg.
2. Move the hind leg restraint forwards and backwards.
3. Move the hoof support up and down.
4. Move the hoof support forwards and backwards.
5. Swivel the hoof support to the right or to the left.
6. Raise/lower the rope with cuff for the right hind leg.



## **6. How the hoof trimming chute works**

### **6.1. Getting ready for hoof trimming**

Start by turning the power ON. Connect the angle grinder fitted with a hoof trimming disc to the power outlet located by the cable rack at the top of the chute. Check the rotating direction of the motor. Then open the head gate and the tailgate. Make sure that the rear harness is positioned 5cm higher than the front harness. Lower the harnesses. You are now ready for the first cow.

Set the pressure control valve by the tank at 110bar.

### **6.2. Hoof trimming**

Lead the cow into the chute and catch it with the head gate and then close the tailgate. The tailgate can also be used to push the cow into the chute.

Raise the chute to a suitable working height.

Make sure to position the harnesses between the front legs and the hind legs. Raise the harnesses until they give good support to the cow under its belly. Then put a cuff around each of the hind legs and lift them into the hind leg restraints. Swivel the hoof support up under one of the hoofs. You are now ready to start trimming the first hoof. Then swivel the hoof support up under the next hoof. You are now ready to start trimming the next hoof. Catch the front legs with the two front leg restraints and pull the rope up to slot the front leg restraint into place. Swivel the hoof support up under the hoof. Now you are ready to trim the hoofs on the front legs.

When all four hoofs have been trimmed, loosen the front leg support by pressing the handle of the hoof support downwards. Remove the front leg from the front leg restraint and place it on the floor of the hoof trimming chute. Repeat this procedure for the other front leg. Then place the hoof support by the hind legs in a vertical position and loosen both of the cuffed ropes and remove the cuffs. If the cow ends up lying on the floor of the chute, you can raise the harnesses a little and lower them again to make the cow stand up properly. Then lower the chute to its lowest position and lower the harnesses to the floor of the chute. Let the cow out of the chute by opening the head gate. Open the tailgate. The chute is now ready for the next cow.

## **7. Cleaning**

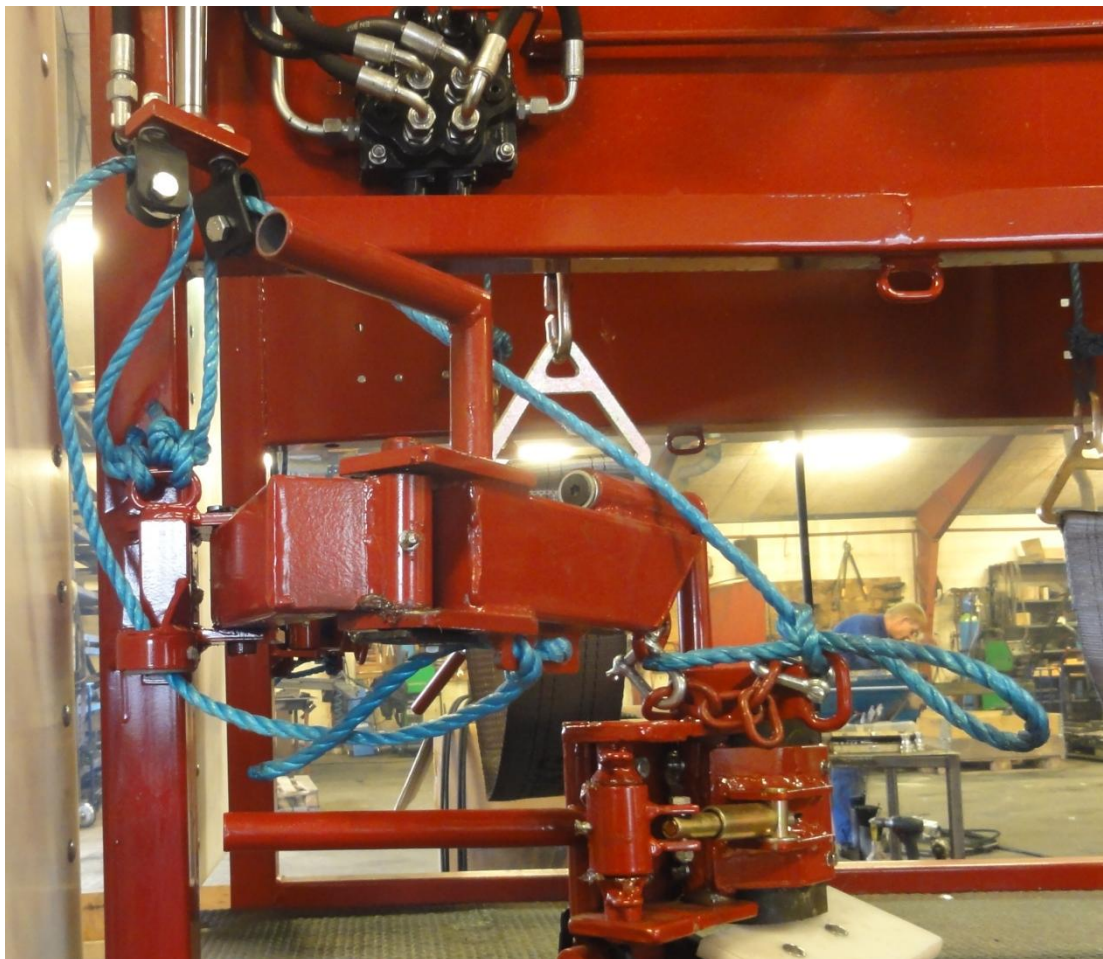
Always clean the chute after use. If the chute is going to be used in another stable, it is important to clean it thoroughly. If the chute is not going to be used for a longer period, pull all the pistons in to avoid corrosion of the piston rod. After cleaning, it is recommended to spray the machine with oil. This will make the next cleaning regime easier.

## **8. Maintenance**

Lubricate the grease nipples daily.

Check the hydraulic oil through the glass daily and change it once a year.

### **8.1. Replace rope if worn - front leg restraint**



8.2. Replace rope if worn - cuff for hind legs



## 9. Technical specifications

Hydraulic oil	approx. 20 litres
Input power	400V
Cable rack	230V
Height	2050mm
Width	1300mm
Length	3000mm
Weight	1000kg

## 10. Optional equipment

- Hydraulic driving wheel

**We also supply hoof trimming discs.**

