

User Manual

1. Declaration of Conformity

EU-Declaration of Conformity

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Machine: Skinning machine T11 Type : 19-0000

Jasopels A/S declares that this product complies with the following EU

Directives:

89/336 EEC

98/37 EEC

Furthermore we declare that the following harmonized standards have been applied:

EN 60204-1

EN 983

Time and place: Bording 1. August 2008

Name:

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3. Preface

- This User Manual is an important part of your new machine. Read the manual carefully and use it as a reference book.
- This manual contains important information about safety and use of machinery. The manual should be kept with the machine.
- It is important that the user manual is kept with the machine in case of resale or lending.
- The user of the machine has to ensure that the operator, service personnel and others who have access to the machine are instructed on proper use and handling of the machine. View this user manual for more information

4. Symbol Explanation

Please read this manual and follow the instructions provided. To emphasize certain information, the following terms are being used:



- Note!

A triangle containing an exclamation point is a warning symbol to warn about any important instructions or information concerning this machine.



- Danger!

A triangle containing lightning is a warning symbol that warns of “High Voltage”



- Warning!

A triangle containing entrapment hazard.

5. Machine introduction

- Skinning machine T11 is designed to relieve the skinning staff and thereby take the hard work of pulling the skin off mink carcasses.
- The machine is a newly developed machine, where occupational safety and ergonomics in particular have been improved.
- The machine is built, so that there is plenty of room to cut free by the ears and the eyes. The high mobility also makes it easy to move the mink and the fur. The newly developed body remover, automatically removes the skinned body of the machine once *Empty* button is pressed. This way the operator is exempt from a great deal of repetitive and exhausting lifting.
- The machine's pulling function is mechanically constructed, with increased traction, which makes it possible to stop very precisely by ears and eyes.
- The seat is adjustable in both height and forward / back, which facilitates alignment with the perfect posture.
- The machine is simple and easy to operate, however, the "User manual" shall be read before using the machine.

Note!

- The user of the machine must ensure that the operator, service personnel and others who have access to the machine are instructed on proper use and handling of the machine. View this user manual for further information.
- The machine must only be used for the purpose it was designed for.
- Whatever problems may arise with the machine or its operation, the errors may not be corrected before the machine is properly stopped. Minor corrections can be done via the machine controls.
- The "User Manual" should always be kept accessible to the operator.



6. Functioning

- Before the skinning machine is put into service, check that it stands on a firm and stable surface. The adjustable machine feet have to be set so that the machine is leveled and is not rickety.
- The skinning machine is originally fitted with a 5-pole 16 A CEE plug on the supply cable and has to be connected to an outlet with 3 * 400V + PE.
- On the machine's left side, under the foot pedal an air filter is fitted with a quick coupling, where the hose from the compressor is mounted.

Note!
During the connection of compressed air, one should stay in a safe distance of the machine, as there may cause incidental cylinder movements.



- Air pressure should be eight bars.
- The hose connecting the skinning machine and the air compressor system must be min. 1/2".
- The skinning machine is now ready for use.

Note!
To prevent possible damage to the machine's micro-controller and other electrical systems in connection with thunderstorms, it is recommended to disconnect the electricity connection when the machine is not in use.



7. Operation

Provided that the electricity and compressed air is correctly installed, as described

earlier.

- 1. Start by releasing the skin from the back part of the mink. Place the back part of the body in the upper holder (back body holder), with the belly downwards.
- 2. By activating the left foot pedal, the top holder closes down on the back part of the mink's body at low pressure. Step back on left foot pedal to activate the high pressure.

Warning!
Since there is a **RISK** of pinching hazard when the control panel activates, the free hand has to be placed outside the abdomen and shoulder holding operation area.



- 3. Step now on the right foot pedal and the lever will move up.
- 4. Now pull the loose skin by hand, so far that the mink's back skin can be placed between the retaining rubber on the lower holder (skin holder). **Note: Only the back skin may be placed in the skin holder.**
- 5. By stepping on both pedals, the skin holder is being locked.
- 6. Now press the foot pedals separately. Right foot pedal drives the lever down and the skin is pulled off. The left pedal activates the chains. So one can find the best position for cutting the head loose.
- 7. By performing weak pumping movements on the foot pedal, you can now release the skin in precise tugs. Cut the skin free by the ears and the eyes.
- 8. Once the skin has slipped throughout the body, press the EMPTY button on the control panel whereby abdomen and skin holders are opened, the body remover runs the peeled mink body out of the end of the machine. The shoulder holder opens and runs back into the starting position.

Warning!
There is a **RISK** of entrapment hazard between the skin holder and the support roller when the skin holder returns to the starting position.

9. When the skin and the body is removed, the skinning machine is ready for the next repetition.

STOP!
By pressing the red **STOP** button on the Emergency-Stop panel, the machine immediately cuts off pressure, and the current process is stopped. The machine is reset by pressing the red button under the emergency stop.



7.1 Setting the machine's height

To achieve the best ergonomic working position for the operator, the skinning machine is designed with height adjustable legs. The height can be adjusted on the four bolts.

DANGER!

Disconnect the compressed air and electricity on the machine before maintenance, cleaning and other service is executed on the machine.



- Empty the air filter water separator daily. Press the button under the glass until the glass is empty. The water separator can also empty itself by disconnecting the air hose on the coupling. If there are oil residues and other impurities in the filter, the glass should be removed and cleaned in hot soapy water.
- The skinning machine should be cleaned daily after use with compressed air, and possibly hot water in the places, where there is a lot of blood. In particular, the moving parts of the skin holder should be kept free of sawdust and dirt. It is also important to avoid unintended stoppages to clean below the moving back holder. It can be made with hot water and a brush.
- After the skinning is finished the machine should be cleaned, the compressed air and electricity should be disconnected.

9 . Technical data

- Electrical connection 16A 5 pole CEE sockets 3X400 V+N+PE

- Electricity consumption Max. 5,1 A
- Air connection Quick coupling
- Air consumption Coupling 8 bar, 2 l/min.
- Measurement
 - Height 130 cm
 - Length 170 cm
 - Width 80 cm