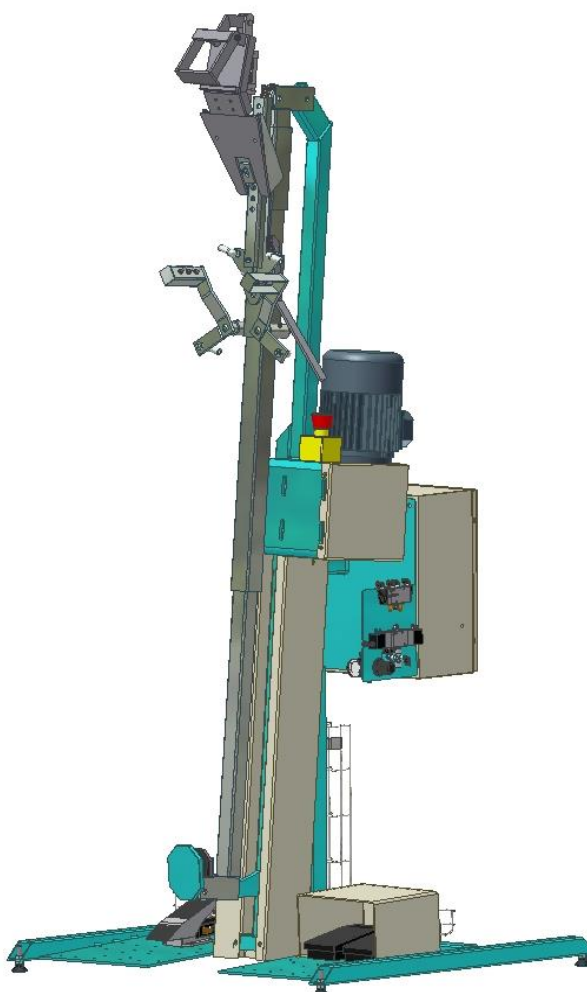




IMPROVING YOUR FUR BUSINESS

## USERS MANUAL



# HG SKINNING LIGHT EL



Model 2012-2017

## 1. Table of contents.

1. Table of contents. ....	2
2. Introduction. ....	3
2.1 Warranty.....	3
3. Warning.....	4
3.1 Hazed signs.....	5
4. Operation terms. ....	6
5. Connection of the HG Skinning Light El.....	8
5.1 Connection of voltage.....	8
5.2 Connection of air. ....	9
5.3 Relocation. ....	9
6. Operation guidance.....	10
7. Maintenance. ....	12
7.1 Cleaning. ....	12
8. Technical specifications. ....	13
9. EC Declaration of Conformity. ....	14

## **2. Introduction.**

HG Skinning Light EI is used for pelting of mink at all pelting stations.

HG Skinning Light EI is constructed with the purpose of making a simple and user-friendly product, which still satisfies the demands of security and work environment.

### **2.1 Warranty.**

There is 1 year of warranty on the HG Skinning Light EL.

Defect parts can be replaced, if the defect can be assigned to fabrication error. Errors, which can be assigned to freight, are not included in this warranty.

In cases of irresponsible treatment of the HG Skinning Light EL, no warranty is given, either on the machine or on damaged skins.

### **3. Warning.**

Read this Users Manual **thoroughly** before using the machine.

Only use the machine for pelting of minks according to the guidance.

The operator must have instructions in use of the machine.

When you are pelting minks always pay attention to the precautions, which are ordered by law.

Persons working with the machine must pay attention to long hair and loose clothes; it can be catch of the moveable parts. Avoid putting your fingers or other objects into the moveable parts.

Wrong use or ignorance of the security instructions can cause damages on the body or breakdown of the machinery.

**Pay attentions to the following:**

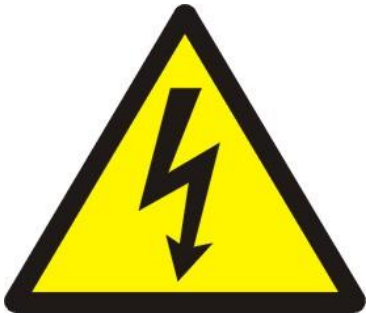
**Look out for the sharp spikes.**

**There is a risk of jamming your fingers at the skin holder.**

**There is a risk of perforating an arm or a hand in the grip arms.**

**There always has to be 2 persons to adjust the height because of the weight of the machine.**

### 3.1 Hazed signs.



#### **DANGER – HIGH VOLTAGE.**

The operating box of the machine contains high voltage. Because of the danger, the box must not be opened by unauthorized employees.



#### **DANGER – SQUEEZING.**

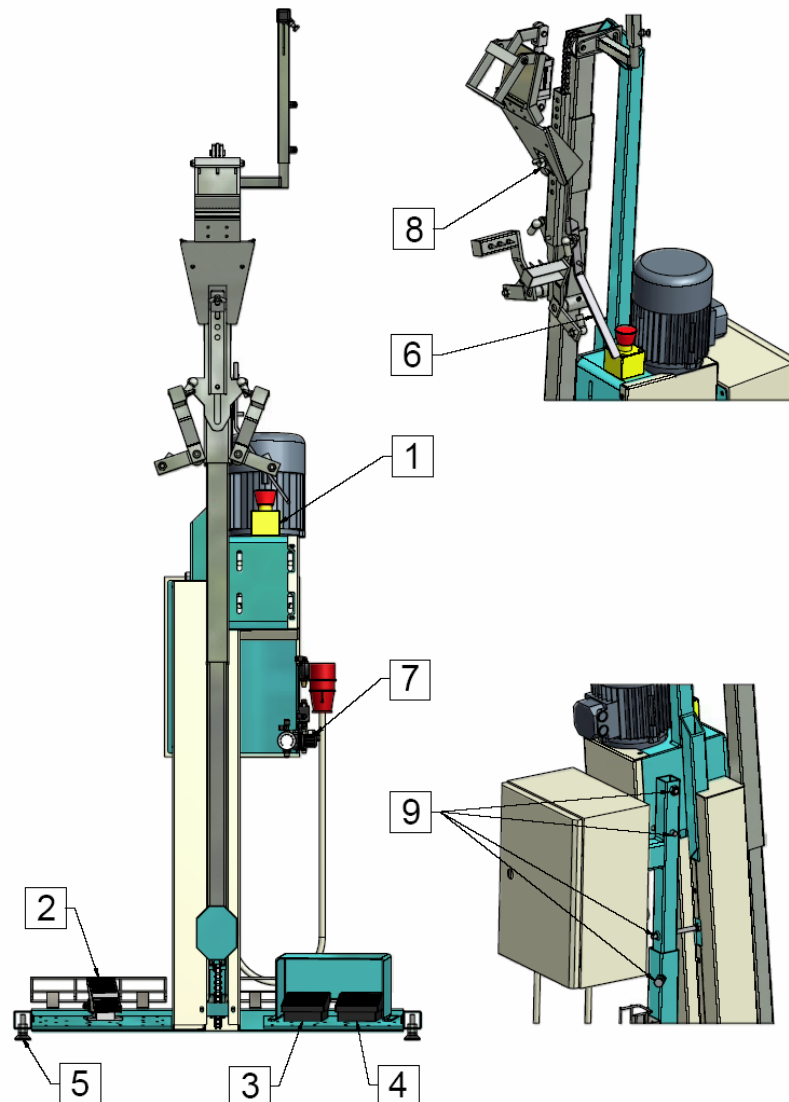
Avoid touching the moveable parts of the machine with fingers or clothing, this can cause damages on the body.



#### **EYE DEFENDERS DEMANDED.**

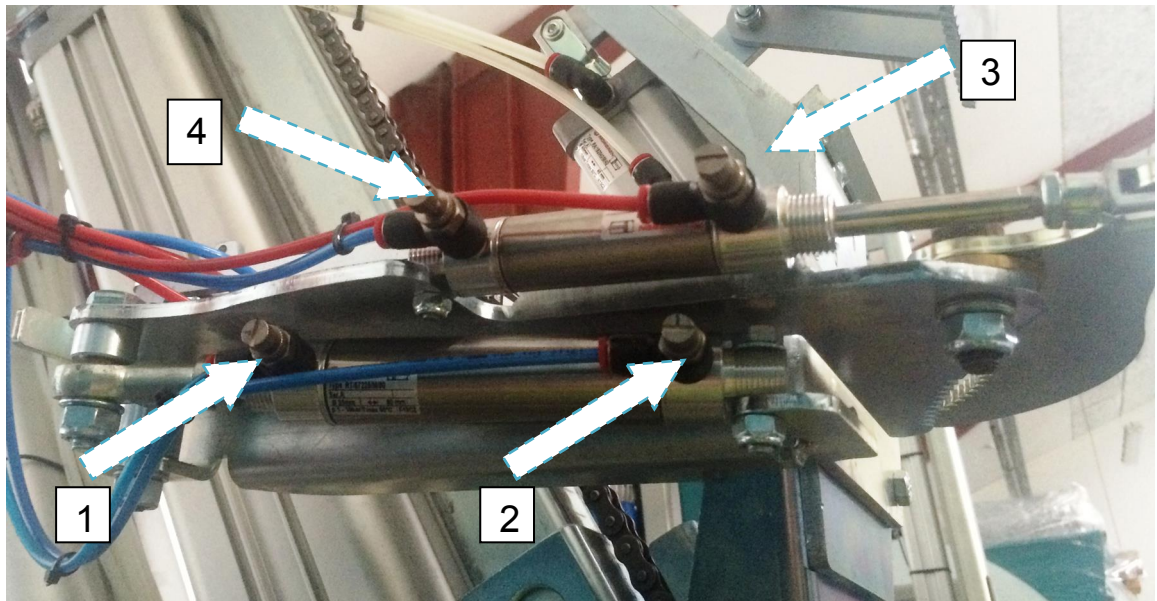
During operation of the machine glasses must be used, because hair, sawdust and other objects can be thrown out.

#### 4. Operation terms.



1. Emergency stop
2. Leg clamp close / open
3. Skin clamp close / down
4. Skin clamp open / up
5. Adjustment of legs
6. Release for body holder
7. Pressure control of leg clamp
8. Adjustment of height of leg clamp
9. Adjustment of inclination and height.

10. Adjustment of body remover

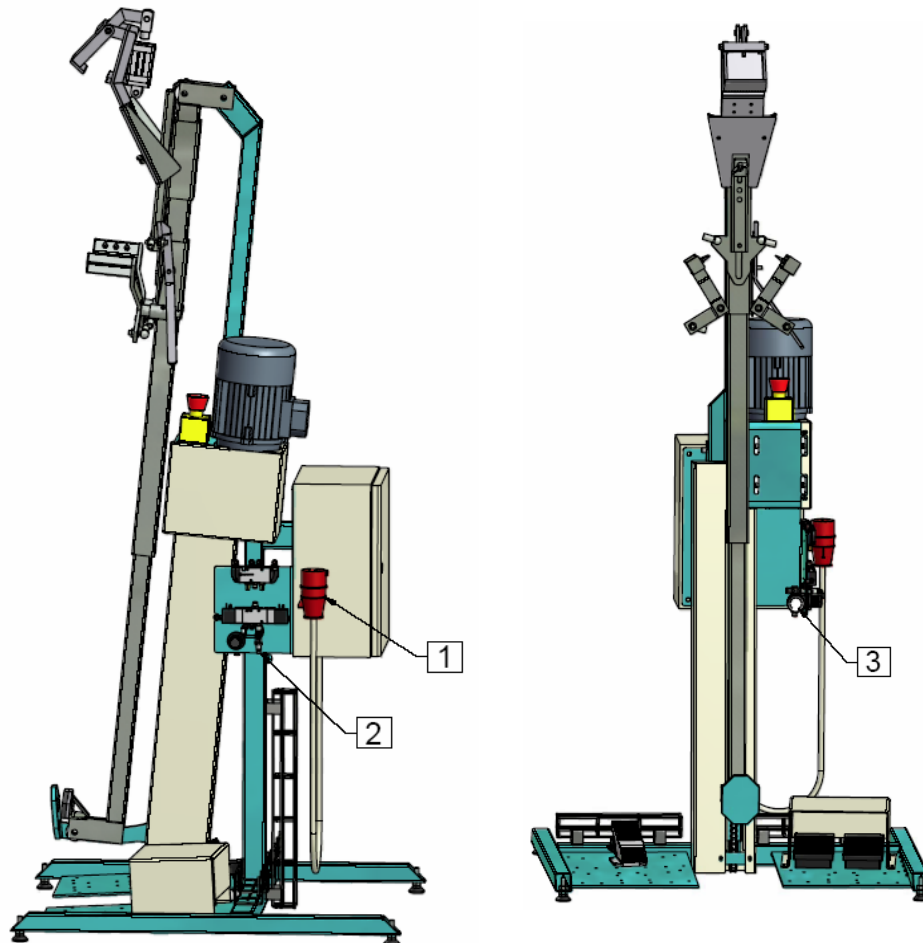


Body remover's throwing speed is adjusted with the throttle valve on the cylinders, the screw on the throttle valve is screwed in to break the speed, and out to make it faster.

1. How fast arm should swing out.
2. How fast arm should swing in.
3. How fast jaw should close.
4. How fast the jaw should open.

## 5. Connection of the HG Skinning Light El.

Before using the skinning machine you have to connect it correctly with electricity and air.



### 5.1 Connection of voltage.

The HG Skinning Light El is fit with a 16A CEE-socket (1) to which you connect 400 volt with earth. The engine has a maximum consumption during running on 5,90A.

For check and turning of direction of rotation see section 6 "Operation guidance".



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**Notice: The machine is provided with a safety relay, so that it does not start without control at connection of voltage.**

**Always place EI-wires so that they embarrass the operator, or catch of the moveable parts of the machine.**

### **5.2 Connection of air.**

Connect the air to the connecting branch (2) with an air coupling of the Cejn 320 type.

The air that is connected to the machine must be filtered and dried. At the connection the working pressure must only be 7 bars.

Check that the working pressure do not surpass 1,5 bar (3) at manual operation.

Test by use of pedal for leg clamp open/close. (See section 4, item 2).

### **5.3 Relocation.**

Before moving the HG Skinning Light EI you have to disconnect the air- and electricity.

By setup on a new location repeat the above procedure.

### **Warning:**

**Do not lift the machine in the grip arms or the shielding. The weight of the machine is 60kg.**

## **6. Operation guidance.**

After connecting the HG Skinning Light EI (see "Connection of HG Skinning Light EI"), the machine is ready to run.

Check that the emergency stop is partly activated by turning the red button a ¼ round clockwise. Now start the machine by operating the foot pedals. (See section 4, item 2, 3 and 4).

In emergency situations use the emergency stop to stop the machine. After use disconnect electricity and air.

Never use the machine without checking that the manual working pressure is maximum 1,5 bar. Which secures that the leg clamp is to no danger for the operator.

If you use the machine without the leg clamp make sure to loosen the skin around the hip, behind leg and the tail. Is the machine provided with leg clamp it works perfectly after slicing with HG Combi Cut.

The behind legs are placed in the leg holder, (or leg clamp if the machine is provided with one) with the belly of the mink against the machine. The tail and the skin around the behind leg is pulled down and placed in the skin clamp. Activate the pedal for skin clamp close. (pay attentions to your fingers keep them away from the skin clamp during this operation).

When you reach the point where to pull out the forelegs of the skin, activate the handle for release of the grip arms. This ought to be done during the skinning process, then you avoid to tear the body to pieces.

Continue the skinning until you reach the head, reduce the press on the foot pedal, and the skin is cut free at the ears, nose and mouth.

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Remove body and skin by a single press on the pedal “skin clamp open/up, the machine returns at the same time automatically to starting position.

## **7. Maintenance.**

The HG Skinning Light EI is made of quality materials and maintenance free bearings to minimize the maintenance for the operator. You still have to keep the machine clean, and moveable parts, which are wearing parts, must be checked and changed after need.

### **7.1 Cleaning.**

Before you start cleaning, disconnect electricity and pneumatic air. Clean the HG Skinning Light EI with air or water. At cleaning with water, avoid flushing directly on the electrical parts. Clean the machine daily with air, and weekly thoroughly with water, and then oil the machine with a thin layer of oil.

## **Notice!**

**Unauthorized modifications, additions or changes on the HG Skinning Light EI are not allowed as regards to the overall security. The manufacturer as well the supplier is without responsibility for damages turned up as a result of the above. The risk of such a improper use is the responsibility of the consumer.**

**Phone 0045 75 89 12 44**

## **8. Technical specifications.**

Voltage	:	400 V
Engine size	:	1,5 kW
Connection	:	16A CEE
Pneumatic air	:	7 bar
Air connection	:	Cejn 320 quick coupling
Dimensions	Length	: 890 mm
	Width	: 905 mm
	Height	: 2100 mm
	Weight	: 60 kg.

## 9. EC Declaration of Conformity.

Hedensted Gruppen A/S  
Vejlevej 15,  
8722 Hedensted  
Tlf. (+45) 75 89 12 44  
Fax (+45) 75 89 11 80  
[www.hedensted-gruppen.dk](http://www.hedensted-gruppen.dk)

- herewith declares that:

HG Skinning Light EI  
Type number 206405

- is in conformity with the provision of:

The Machinery Directive 2006/42/EF  
The Low Voltage Directive 2006/95/EF

- and the following harmonized standards have been applied.

DS/EN ISO 12100-1 :2005  
DS/EN 60439-3  
DS/EN ISO 13857 :2008

Hedensted d.20/09-2012



Jens Jørgen Madsen  
Direktør