

swiss made

Professionelle Tierschermaschine

Betriebsanleitung

Professional Animal Clipper

Instruction manual

Tondeuse professionnelle pour animaux

Notice d'utilisation

Tosatrice professionale per animali

Istruzioni per l'uso

Esquiladora profesional

Manual de instrucciones



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1 General

These instructions make it possible for you to use this device safely and efficiently. Read these instructions carefully before beginning to use the device.

A basic prerequisite for working safely is respecting all stated safety instructions and handling instructions in this manual.

Retain these instructions permanently. If you pass on the device to a third party, also give them these instructions.

1.1 Warranty provisions

Warranty provisions may be found in the manufacturer's General Terms and Conditions.

1.2 Customer service department

Our customer service department and our authorised service centres are available for technical information.

In addition, our employees are always interested in new information and feedback resulting from usage, which could be valuable in improving our products.

1.3 Liability limits

All statements and tips in this manual were assembled by taking into consideration applicable standards and regulations, the latest technology and insights gained from our many years of experience.

The manufacturer takes no responsibility for damages resulting from:

- Ignoring the operating instructions.
- Non-intended uses of the device.
- Use by untrained personnel.
- Technical alterations.
- Use of non-original replacement parts.

The actual goods delivered can deviate from the explanations and images presented here in the case of special versions, the utilization of additional ordering options or as a result of the latest technical upgrades.

1.4 Copyright

This document is copyright-protected. Any reproduction or copying, in whole or in part, as well as the reproduction of images, even when changed, can only be carried out with the written agreement of the manufacturer.

1.5 Terminology

DANGER

A warning at this danger level designates an imminently dangerous situation.

If the dangerous situation is not avoided, it will lead to death or serious injury.

▶ To avoid the danger, follow the instructions shown.

CAUTION

A warning at this danger level designates a possibly dangerous situation.

If the dangerous situation is not avoided, it can lead to injury.

▶ To avoid the danger, follow the instructions shown.

NOTICE

A warning at this danger level designates possible property damage.

If the dangerous situation is not avoided, it can lead to property damage.

▶ To avoid the danger, follow the instructions shown.

NOTE

▶ This advice designates additional information that simplifies operation of the device.

1.6 Authorised use

This device is to be used exclusively to clip dogs, cats, cows and horses.

Any other use or use extending beyond the above is considered to be unauthorised.

CAUTION

Danger from unauthorised use!

Danger can result from unauthorised and/or other kind of use.

- ▶ Only use the device in the authorised manner.
- ▶ Limit yourself to the procedures described in this operating manual.

Claims of any nature for damages resulting from unauthorised use will not be recognised.

Such use is entirely at the own risk of the operator.

CAUTION

Danger resulting from misuse!

In particular, the following applications of the device are prohibited:

- ▶ Use of the device on humans.
- ▶ Clipping of other types of animals, especially dangerous animals such as predators.

2 Safety

2.1 General

DANGER

Danger from not respecting the safety instructions!

Ignoring the operating instructions and safety precautions presented in this manual will lead to serious injury as well as damage to the device and people.

- ▶ The warnings and instructions in this manual must be observed.

2.2 Personnel requirements

- This device may only be operated by persons who one can expect to carry out their work responsibly. Persons whose ability to react is undermined by, for example, drugs, alcohol or medication should not be allowed to use the device.
- The operator must be experienced in dealing with the animals to be clipped.
- The operation of the device by children is strictly forbidden.

Unauthorised persons

CAUTION

Danger for and from unauthorised persons!

Unauthorised persons, who do not meet the requirements described here, will not be able to recognise dangers in the work area.

- ▶ Prohibit access by unauthorised persons to the location where the clipping is being performed.
- ▶ When in doubt, talk to any such persons and show them out of the work area.
- ▶ Stop your work until unauthorised persons have left the work area.

2.3 Dangers that can be caused by the product

2.3.1 Danger from electric current

DANGER

Mortal danger from electrical current!

Mortal danger can result from contact with current-carrying conductors or components!

- ▶ Always disconnect the power cable of the clipper from the mains by pulling the plug, not the cord.
- ▶ Before every use, check the clipper for externally visible defects. Do not operate a damaged clipper.
- ▶ Only ever insert the electrical plug of the clipper into an undamaged socket.
- ▶ Never wrap the cord around the clipper and keep it away from hot surfaces and objects.

Mortal danger from electrical current!

Mortal danger can result from contact with current-carrying conductors or components!

- ▶ Only permit repairs to the clipper to be made by authorised dealers or the factory customer service department; this applies especially to replacement of a damaged power cord.
- ▶ Before plugging the clipper in, compare the electrical connection data (voltage and frequency) on the nameplate with that of your electric mains. These data must be identical so that no damage occurs to the device. When in doubt, ask your specialised electrical dealer.
- ▶ Do not, under any circumstances, open the housing of the clipper. If voltage-bearing connectors are disturbed or the electrical and mechanical construction is modified, there is risk of electric shock.
- ▶ Keep moisture away from the clipper. It can lead to short circuits. If you suspect that moisture has penetrated the device, do not switch it on again and take it to a repair shop.
- ▶ Never clip wet animals.
- ▶ Only clean the clipper when dry, using a brush or the enclosed cleaning brush.
- ▶ Never submerge the clipper in water or other liquids.
- ▶ Always remove the plug from its the socket before working on the clipper.

2.3.2 Animals

CAUTION

Danger of injury by animals!

The noise of the device can disturb animals. A kick, an attack or the body weight of the animal can lead to serious injuries.

- ▶ For work with animals, only authorise persons who have had experience with the animals to be clipped.
- ▶ Before clipping, secure and calm the animal.
- ▶ Proceed carefully with your work.

2.3.3 Clipping blades

CAUTION

Danger from moving components!

The moving clipping blade and its sharp edges can cause injuries.

- ▶ Proceed carefully with your work.
- ▶ Avoid any contact with the moving blade.
- ▶ Do not touch the area around the clipping blade while it is still plugged into a power source, even when the device is turned off. For work on the clipping blade/clipping head, always disconnect the electrical power first.

⚠ CAUTION

Danger of burns!

Insufficient oiling of the clipping head will lead to warming. This may lead to the animals being clipped becoming agitated.

- ▶ Oil the clipping blades adequately during the clipping session, at least every 15 minutes, so that they do not run dry.

2.4 Personal protective equipment (PPE)

⚠ CAUTION

Danger of injury through incorrect or missing protective equipment!

Personal protective equipment is required when working, in order to minimise the possibility of endangering health.

- ▶ Always wear the protective equipment required for the current task when performing work.



Slip-resistant shoes to protect against slipping on slippery surfaces.

3 Technical Data

3.1 General information

Length	204 mm
Width	50 mm
Height	41 mm
Weight	0.44 kg

3.2 Power requirements

Voltage	100 - 240 V
Maximum current	1.6 A
Frequency	50 - 60 Hz

3.3 Operating conditions

Temperature range	0 - 40 °C
Maximum relative humidity	75.00 %

4 Construction and functions

4.1 Construction

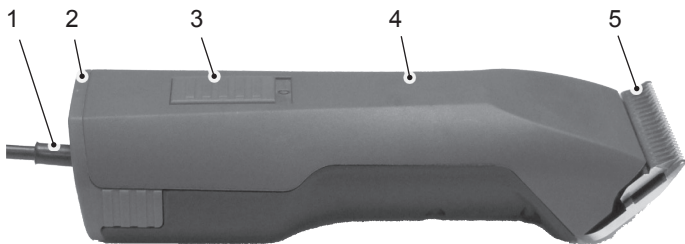


Fig. 1

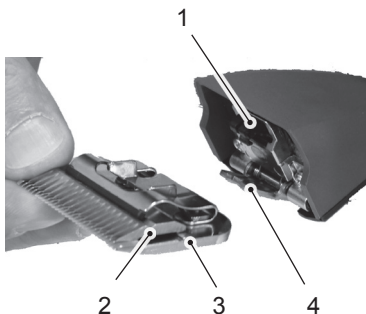
- 1 Power cord
- 2 Direct operation adapter
- 3 On/off switch
- 4 Clipper
- 5 Clipping head



Fig. 2

- 6 Release for mains operation adapter
- 7 Clipping head release key

4.2 Description of functions



The clipper is capable of clipping dogs, cats, cows and horses. Two comb-like blades serve as cutting tools. The lower blade (3), which is closest to the animal's skin, is fixed and attached to the blade hinge (4). The upper blade (2) moves back and forth against the lower blade. The upper blade is set in motion with the help of the swivelling lever (1).

Fig. 3

5 Transportation, packaging and storage

5.1 Included in the delivery

- Clipper with cliphead (1x)
- Drip oiler (1x)
- Cleaning brush (1x)
- Instruction manual (1x)

NOTE

- Check to make sure the delivery is complete and check for any apparent damage. Please report incomplete delivery or any apparent damage immediately to your supplier/dealer.

5.2 Packaging

Only environmentally friendly materials are used for packaging.



The return of the packaging saves raw materials and reduces the volume of waste. Dispose of packaging materials that are no longer needed in accordance with locally applicable regulations.

5.3 Storage

Store the clipper and its accessories under the following conditions:

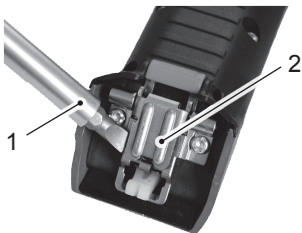
- Do not store out of doors.
- Store in a dry and dust-free area.
- Protect from direct sunlight.
- Avoid mechanical shocks.
- Storage temperature: 0 to 40 °C.
- Relative humidity: max. 75%.
- For storage longer than 3 months, check the general condition of all parts regularly.

6 Servicing

6.1 Requirements at the job site

- Observe the operating requirements (see section on **Technical Data**).
- Outdoor electrical sockets must be fitted with a residual current device.
- The work place must have adequate lighting.
- The electrical socket must be easily accessible so that the device can be quickly disconnected from the mains.

6.2 Installing the clipping head



- ◆ Push the on/off switch of the clipper to position “0”.
- ◆ Insert the electrical power plug into the mains socket.
- ◆ Tilt the blade hinge (2) up with the aid of a screwdriver (1).

Fig. 4

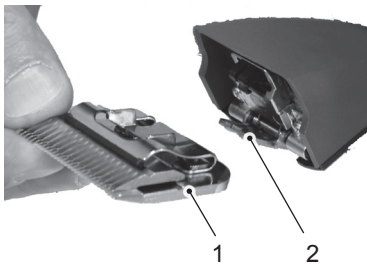


Fig. 5

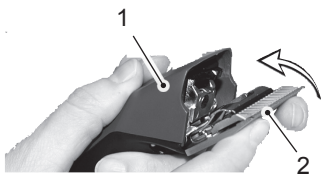


Fig. 6

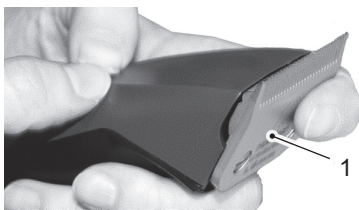


Fig. 7

- ◆ Plug the clipping head (1) onto the exposed blade hinge (2).
- ◆ Push the clipper's on/off switch to position "1".
- ◆ With the device turned on, tilt the clipping head (2) and press it onto the body of the clipper (1) with a light pressure.
- ◆ Push the clipper's on/off switch to position "0".
- ◆ Check to make sure that the clipping head (1) is tightly seated and properly locked.

6.3 Operating the device

- ◆ Approach the animal from in front.
- ◆ Position the animal to be clipped and calm it down.
- ◆ Insert the electrical power plug into the mains socket.
- ◆ Turn on the clipper directly in the animal's field of view by pushing the on/off switch to position "1".
- ◆ Monitor the animal's behaviour while clipping.

6.4 Changing the clipping head



Fig. 8

- ◆ Turn the clipper off by pushing the on/off switch to position “0”.
- ◆ Press and hold the clipping head release button.

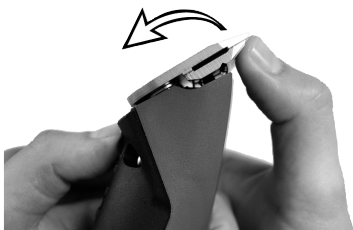


Fig. 9

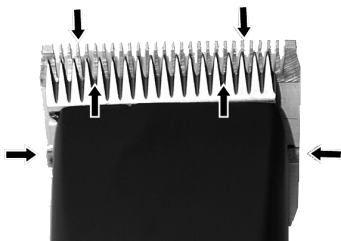
- ◆ Tilt the released clipping head forwards.
- ◆ Pull the clipping head off.

- ◆ Clean the opened hinge area with the supplied brush.
- ◆ Mount the new or sharpened clipping head as described in **Section 6.2**.

NOTE

- ▶ Work only with sharp clipping blades and replace dull blades and blades with missing teeth. Proper sharpening of clipping blades is only possible by an expert using specialised equipment. When faced with the need to sharpen the blades, contact your service centre.

6.5 Lubrication



To obtain a well clipped animal and to increase the life of the device including the clipping head, it is necessary to apply a thin coat of oil between the upper and lower blades.

Fig. 10

NOTICE

Possible damage to the clipper!

Insufficient oiling of the clipping head will lead to warming and will shorten the life of the clipper and its blades.

- ▶ Oil the clipping blades adequately during the clipping session, at least once every 15 minutes, so that they do not run dry.
- ▶ Use only the special oil supplied or a paraffin oil meeting the ISO VG 15 specification.

NOTE

- ▶ The supplied oil is free of poisonous substances and will not cause irritations on either skin or mucous membranes. After 21 days, it will have degraded to about 20%. (CEL-L-33-T-82).

- Oil the blades before, during and after every use.
- Oil the blades at the latest when the blades leave streaks or slow down.
- Apply several drops of oil on the front and on the sides of the clipping blades (see Fig. 10).
- Wipe excess oil off with a soft, dry cloth.
- Lubricating sprays do not contain enough oil for good lubrication but are however suitable for cooling the clipping blades.
- Immediately replace damaged or notched blades in order to avoid injuries.

6.6 Cleaning

Clipping head and hinge area

- ◆ Between uses, clean the clipping head and the hinge area with the brush.

Contacts

- ◆ Clean the contacts of the mains operation adapter and the clipper with a dry cloth.

7 Rectification of malfunctions

7.1 Safety instructions

DANGER

Mortal danger from electrical current!

Mortal danger can result from contact with current-carrying conductors or components!

- ▶ Remove the electrical plug from the mains socket before starting to rectify any malfunction.
- ▶ Repairs to electrical devices can only be carried out by the factory service department or specialists who have been trained by the manufacturer.

7.2 Causes of malfunctions and their rectification

Malfunction	Possible cause	Corrective measure
Upper blade does not move	Clipping head is not engaged	Properly engage the clipping head while the motor is running
	Swivelling lever is defective	Notify customer service
Clipper is cutting poorly or not at all	Cutting blades are dull	Notify customer service
	Clipping blades are not properly sharpened	
	Clipping blades are not oiled	Oil clipping blades every 15 minutes
	The animal's hair is too wet	Only clip dry hair
	Hairs are stuck between upper and lower blade	Remove clipping head, then push upper blade onto its half of the clipping head; remove the hairs between the upper and lower blades
	Clipping head has too little force behind it	Notify customer service

Malfunction	Possible cause	Corrective measure
Motor not running	Contacts are dirty	Turn off clipper; clean the contacts of the clipper and the adapter
	Burnt smell emanating from the motor housing; motor burnt	Notify customer service
	Motor and/or electrical defect	Notify customer service
	Clipping head jammed	Clean and oil clipping head
Motor runs very slowly	Clipping blades not oiled adequately	Oil clipping blades

8 Spare parts

See spare parts list at the end of these operating instructions.

CAUTION

Incorrect or defective spare parts can lead to damage, malfunction and complete failure as well as affecting safety.

- ▶ Use only original spare parts from the manufacturer. Obtain spare parts from an authorised dealer or direct from the manufacturer.

NOTE

- ▶ If approved parts are not used, all guarantee, service, compensation and liability claims against the manufacturer or its employees, dealers and representatives will be forfeited.

Item No.	Description	Quantity
	Clipper	
1	Complete set of housing covers	1
4	Motor, complete	1
5	PCB clipper	1
6	Rubber flap	1
7	Swivelling lever	1
8	Gasket	1
9	Snap ring Ø3.2	1
10	Disk Ø4x0.5	1
11	Eccentric cam incl. ball bearing	1
14	PT-screws Kombitorx KA30x16	8
15	Blade connector	1
16	Blade detent	1
17	PT-screw Kombitorx KA30x8	1
18	Shear compression spring	1
19	Blade guide	1
20	Clamp mounting	1
21	Upper blade	variable
22	Lower blade	variable
23	Screw M3.5x4	2
36	Mains operation adapter with 4 interchangeable connectors	1
37	Connector EU	variable
38	Connector AU	variable
39	Connector GB	variable
40	Connector US	variable

Item No.	Description	Quantity
for battery operation (optional)		
3	Li-Ion battery	Optional
32	Recharging station with 4 interchangeable connectors (including power cord)	Optional

9 Disposal



NOTICE

Environmental damage if improperly disposed of!

- ▶ Special waste handling is required for electrical waste, lubricants and other tools. These can only be disposed of through qualified specialists!

NOTE

- ▶ To dispose of the clipper altogether, hand it over to a service centre or nearby electrical workshop.

Garantie / Warranty

Artikel
Item
Article
Articolo
Artículo

Serien Nr.
Serial no.
N° de série
No. di serie
N° de serie

Kaufdatum
Date of purchase
Date d'achat
Data di vendita
Fecha de compra

Stempel und Unterschrift
Stamp and signature
Cachet et signature
Timbro e firma
Sello y firma