

# PRODUCT CATALOGUE

ELECTRIC FENCES
ZOOTECHNICAL EQUIPMENT

2025



Over the past few years Agro Electrosistems has developed in an exceptional way. The secret of our development is simple: perseverance, fast and prompt service, attention to needs and details in serving our customers.

Basically, our company manufactures electric fence energizers and commercializes accessories for building electric fences. Based on numbers, in our area we are ahead in sales of electric fence energizers,

In line with farmers' needs, our offer has greatly expanded with products related to zootechnics and agriculture: we currently offer a wide range of products. We constantly have sufficient products in stock.

Our development is also ensured by our collaboration with globally recognized companies, therefore we can offer competitive prices.

The relationship with our distributors is based on generous price margins – thus, if our partners grow, we grow.

Thank you for choosing us – by doing so, you are supporting a local business.



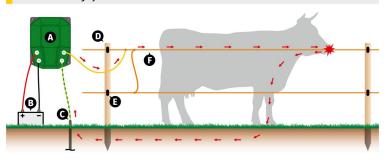
# PRODUCT CATALOGUE

# ELECTRIC FENCES ZOOTECHNICAL EQUIPMENT AND ACCESSORIES

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### Electric fencing system



### Operating principle

Electric fences are designed exclusively for animals, for fencing them in, or for keeping out other wild animals. We distinguish between temporary and permanent electric fences as follows: temporary systems operate for days, weeks, or months, while permanent systems operate for several years.

The electric fence works with high voltage pulses. The period of the pulses is about one second and their voltage is about 6000-10000 V. The impulse generator is connected to the fence wires. The moment an animal touches the wire, the electric circuit is closed through the earth. Electrocution is not dangerous, but it is extremely unpleasant. Animals will quickly learn to keep their distance from the electric fence wires.

### A Electric fence energizer (the impulse generator)

The electric fence generates short, high-voltage electrical pulses of about one second. The most important parameter of the device is the stored energy, expressed in Joules. For the electrification of small fences (1-2 km long) a device with a power of 1-2 Joules is needed. For longer fences, a powerful device with a power of 4-7 Joules is required.

### B Power supply

The device is powered with  $12 \vee DC$ . Power can be supplied in two ways: with a  $230/12 \vee DC$  mains adapter, or in areas without mains power with a  $12 \vee C$  are accumulator, which, if charged, can keep the appliance running for about a week. The accumulator can also be charged with a solar system.

### **G** Grounding

Grounding is a very important element of an electric fence system, so its quality is essential. A metal bar, preferably galvanized, with a minimum length of one meter, should be used for grounding. For longer fences, more than one grounding shall be constructed to ensure proper functioning of remote areas of the electric fence. The grounding shall be constructed as close as possible to the electric fence energizer. The ideal grounding location is a damp, shaded area.

### Post, pole

Posts can be poles made of wood, plastic, metal, etc. that support the electric fence insulators. If necessary, the posts of an existing fence or even the walls of a building can be used.

At fence ends, corners and gates, more solid posts should be fitted. Otherwise, after a while the fence wire will loose tension and gradually sag.

### Insulator

The support and galvanic insulation of electric fence wires is provided by insulators. Any undesirable contact of the wire with poles, vegetation, or any other ground object decreases the effectiveness of the fence. Always use insulators intended for electric fences and avoid using makeshift insulators.

### Electric fence wire

Electric fence wire contains metal inserts. According to shape and thickness we distinguish between wire, rope

or tape. The right choice depends on a number of factors, mainly the animal species:

- · Visibility: the wire is less visible, the rope has better visibility, and the tape is the easiest to see.
- Breaking strength: for wild animals, a wire with a breaking strength of at least 100 kg is recommended, for domestic animals breaking strength below 100 kg is sufficient.
- **Electrical resistance**: is expressed in ohms per meter  $(\Omega/m)$ . The higher the resistance, the greater the voltage loss across the wire. This parameter is particularly important for long fences.
- Maximum enclosure length: depending on the electrical resistance, the manufacturer recommends a maximum enclosure length at which the fence will operate normally. If the fence consists of several rows of wires, the recommended maximum length can be doubled.

### G Corner or fence end insulator

This insulator is more solid, suitable for corners or fence end points. Caution: do not use ring insulators at corners or fence ends!

### Warning sign

Electric fence wires that are installed along streets or public roads must be marked at 5-20 m intervals with warning signs.

### Gate Connector

The connector is a set of metallic connectors, which ensure a good connection between the wire and the gate elements.

### Gate insulator

This insulator is fitted with a hook. The fence wire is connected on one side and the gate handle or gate bow on the other.

### Gate handle

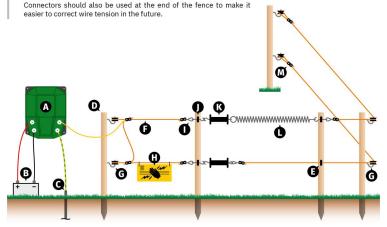
The gate handle is made of plastic, fitted with a hook. It is an indispensable item for building electric fence gates. Inside it contains a spring, which ensures tensioning of the wire.

### Spring

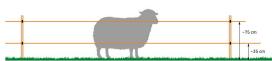
The spring is made of galvanized steel, and stretches to a considerable length. It is used to build durable gates.

### Connectors

Connectors are indispensable parts for connecting or extending electric fence wire. Caution: extending or connecting the wire by knotting or twisting is never sufficient because durable galvanic connections are not formed!

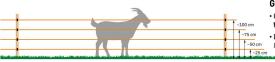


### Fence parameters by animal



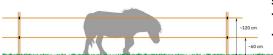
### Sheep

- · Conductor type: Wire.
- · Distance between posts: Max. 7-8 m.



### Goats

- · Conductor type: Wire.
- · Distance between posts: Max. 7-8 m.

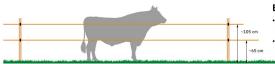


### **Small horses**

- · Conductor type:
- Rope, or tape min. 20 mm.
- · Distance between posts: Max. 6-7 m.
- -90 cm

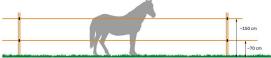
### Dairy cows

- · Conductor type: Wire, or tape min. 10 mm.
- · Distance between posts:
- Max. 7-8 m.



### **Bulls, calves**

- · Conductor type: Wire, or tape min. 10 mm.
- · Distance between posts:
- Max. 7-8 m.

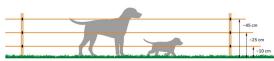


### Horses

- · Conductor type: Tape min. 20 mm, or rope.
- · Distance between posts: Max. 6-7 m.

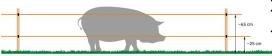
The wire heights given are for guidance only and can be adapted to suit the species of animal.

## Fence parameters by animal



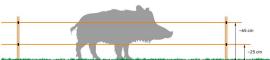
### Dogs

- Conductor type:
   Wire.
- Distance between posts: Max. 5-6 m.



## Pigs

- Conductor type:
   Tape min. 10 mm, or wire.
- Distance between posts:
   Max. 6-7 m.



### **Boars**

- Conductor type:
- Wire > 100 kg.
- Distance between posts:
   Max. 6-7 m.



### Stags

- Conductor type:
   Wire > 100 kg, or rope.
- Distance between posts: Max. 6-7 m.



### Deer

- Conductor type:
   Wire > 100 kg, or rope.
- Distance between posts: Max. 6-7 m.



### **Bears**

- Conductor type:
   Rope.
- Distance between posts: Max. 5-6 m.

The wire heights given are for guidance only and can be adapted to suit the species of animal.

### Gate types

The gate is an important element of the electric fence. People, agricultural machinery or animals can pass through the gate. The optimal width of a gate is 2-5 m. There are three basic types: A. rarely used gate, B. frequently used gate and C. durable gate. So the most appropriate type of gate depends on the frequency of use.

### A. Rarely used gate

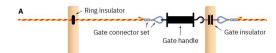
The construction of this gate is the simplest, consisting of a gate insulator, a gate handle and two sets of gate connectors. When opening the gate, the fence wire will lose some of its tension, which can be a disadvantage.

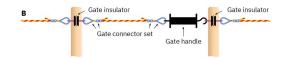
### B. Frequently used gate

It is constructed of one gate handle, two gate insulators and four sets of gate connectors.

### C. Durable gate

It is constructed of two sets of gate connectors and one special gate set (product code: 0104, contains two gate insulators, one gate handle and one spring).





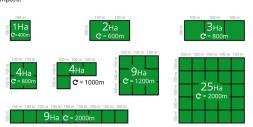


## Correlation between area and perimeter - examples

Usually the area of the land to be fenced is at hand, yet calculating the perimeter can be misleading. Consider the shape of the area, or at best, take measurements to determine the correct length.

Beware: the shape of the land can greatly affect the perimeter – for example, a 9 Ha plot of land may have exactly the same perimeter as a 25 Ha plot.

Here are some examples:



### Choosing the right conductor type - wire, rope, tape, or metallic wire

With so many types of wires, ropes and tapes on the market, choosing the right one can seem difficult. By going through the points below, the possibilities of choice decrease significantly once you have correctly determined the parameters of the wire.



### Conductor type - polywire/rope/tape/metallic wire

The main factor in choosing the right type of conductor is first of all good visibility,

taking into account the abilities of the species of animal fenced or kept at a distance. For example, for horses, tape is more suitable than thin wire. But the same type of thin wire is more than sufficient for sheep. The secondary reason for the choice of conductor type is durability over time. For example, rope is the best long-term choice.

Metallic wire is recommended for permanent electric fencing, but its disadvantage is low visibility. The appropriate choice is galvanized steel wire with a minimum diameter of 2.5 mm.

### Breaking strength

This is expressed in **kg** and represents the maximum tensile strength of the wire. A maximum of 100 kg is sufficient for domestic animals and a stronger wire is recommended for wild animals. Of course, the higher the breaking strength, the safer is the electric fence. Breaking strength decreases over time – after several years, the parameters of the wire decrease, so if you're planning for the long term, consider this detail too.

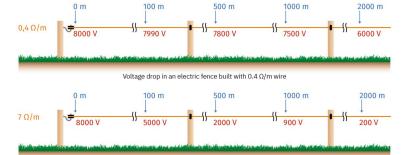
### Electrical resistance

An important parameter of the electric fence wire is its electrical resistance. This is expressed in  $\Omega/m$  (ohm/meter). The higher the resistance, the greater the voltage loss over longer lengths. The lower the  $\Omega/m$  value, the more suitable the wire is for building longer fences (see examples below). Low resistance wire has  $0.1-1~\Omega/m$ , medium resistance wire has  $1-5~\Omega/m$ .

In the case of short electric fences (100-200 m) high resistance wire (proportionally cheaper) can be used, but for long fences (1 km+) definitely a low resistance wire must be used. So the electrical resistance of the wire determines the maximum length of the electric fence. This parameter can be found on the label of the wire (or on-line on the manufacturer's website), where it is called "maximum fence length". Examples:

- A wire of 0.4  $\Omega/m$  can build an electric fence of a maximum length of 10000 m.
- A wire of 7  $\Omega/m$  can build an electric fence of a maximum length of 500 m.

Although high resistance wires can be disadvantageous, in the case of short fences and especially in the case of fences having several rows, the voltage drop is not significant, so the intention of always buying low resistance wires is not a rule to follow.



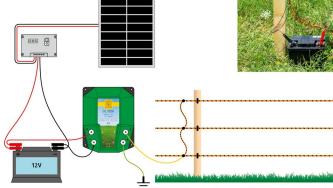
Voltage drop in an electric fence built with 0.7 Ω/m wire

### Powering the impulse generator

To supply power to the impulse generator, you will need a 12 V DC voltage source. Depending on the location of the generator, there are three main power supply modes:

- In inhabited areas, or close to 230 V mains, the power supply can be made with a 230/12 V adapter.
- In areas without electricity, power supply can be provided by a 12 V car accumulator. A charged accumulator can power the device for about one week. In this scenario, you will need to periodically recharge the accumulator, and in the meantime, you may also need to use a backup accumulator to keep the system running.
- In areas without electricity, power supply can also be provided using a 30-100 W solar system. This consists of a solar panel and a charge controller. The collected energy is stored in a 12 V accumulator. Other low power consumers – LED light bulbs, cell phone chargers, etc. – can also be powered by this system.





### Example of power supply connection scheme using a solar system

# Grounding

Grounding is a very important element of an electric fence. Therefore, choosing the grounding area is essential right from the planning stage. As with the power supply, choosing the final location for the energizer also depends on the place where a proper grounding may be created.

The grounding consists of one or more galvanized metallic bars, driven at least one meter deep into the ground. Most appropriate for this purpose is using a one-meter long threaded metallic bar. The number of needed groundings depends on the length of the fence, but also on the moisture of the soil – the longer the fence and the drier the soil, the more groundings are needed.



### Non-recommended methods

### Do not apply knots on the wire!

A common mistake is extending or connecting the electric fence wire through knots. The knot provides insecure contact over a very small area, so it will only work properly for a short time. Beware, the wire has only a few metal inserts that do not connect properly through a knot!

Only use special connectors for wire extension! These connectors provide a relatively large surface area for good electrical contact. They are also galvanized, so they are protected against corrosion.



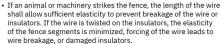
Do not apply knots on the wire!

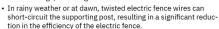
### Do not wind the wire on the insulator!

Winding the wire on the insulator in order to fix it securely is a very serious mistake. The result is just the opposite of what you might expect...

The wire must pass smoothly through all insulators along the fence, thus ensuring the following:









Do not with the wire on the insulate

Do not use ring insulators at the corners



### Insulators

Ring insulators used at a corner, or at the end of the fence will, sooner

or later, break. Furthermore, a ring insulator used at the corner does not provide adequate flexibility to the wire.

Screw-bolt insulators should not be threaded all the way in. It is advisable to keep the fence wire as far away as possible from the post to prevent unwanted short-circuits.

Never use makeshift insulators. The savings on insulators are irrelevant compared to the potential damage caused by improper insulators. Loss of impulse energy due to makeshift insulators may easily cause escaped animals, which is a hugely more significant loss than some economy on relatively cheap insulators.







### Electric fence energizer DL 3200





The DL 3200 energizer is the perfect choice for fencing in or keeping out domestic or wild animals – dogs, sheep, goats, pigs, horses, cows, boars, deer, wolves, foxes, etc.

The DL 3200 is designed for enclosures up to 7000 m in length.

It can be powered from 230 V via a 12 V adapter or from a 12 V car accumulator (neither included in the package). A 12 V / 45 Ah car accumulator provides enough energy to power the unit for 12-16 days.

### Technical specifications

Power supply voltage	12 V <del></del>
Power consumption	110 mA
Maximum output voltage at 500 $\Omega$ load	7600 V
Maximum fence length	7000 m
Maximum stored energy	4.16 Joule
Maximum impulse energy	3.2 Joule
Degree of protection	IPX4
Dimensions	210 × 265 × 100 mm
Weight	1.6 kg

## Electric fence energizer DL 4500





The DL 4500 energizer is the perfect choice for fencing in or keeping out domestic or wild animals – sheep, goats, pigs, horses, cows, dogs, boars, deer, wolves, foxes, etc.

The DL 4500 is designed for enclosures up to 12000 m in length.

It can be powered from 230 V via a 12 V adapter or from a 12 V car accumulator (neither included in the package). A 12 V / 45 Ah car accumulator provides enough energy to power the unit for 7-14 days.

### Technical specifications

Power supply voltage	12 V <del></del>
Power consumption	170 mA
Maximum output voltage at 500 Ω load	8900 V
Maximum fence length	12000 m
Maximum stored energy	5.85 Joule
Maximum impulse energy	4.5 Joule
Degree of protection	IPX4
Dimensions	210 × 265 × 100 mm
Weight	1.76 kg

### Electric fence energizer DL 7200





The DL 7200 energizer is the perfect choice for fencing in or keeping out domestic or wild animals – horses, cows, dogs, boars, deer, bears, wolves, etc.

The DL 7200 is designed for enclosures up to 25000 m in length.

It can be powered from 230 V via a 12 V adapter or from a 12 V car accumulator (neither included in the package). A 12 V / 45 Ah car accumulator provides enough energy to power the unit for 5-10 days.

### Technical specifications

Power supply voltage	12 V <del></del>
Power consumption	300 mA
Maximum output voltage at 500 Ω load	9700 V
Maximum fence length	25000 m
Maximum stored energy	9.36 Joule
Maximum impulse energy	7.2 Joule
Degree of protection	IPX4
Dimensions	210 × 265 × 100 mm
Weight	2.45 kg

# Electric fence energizer DL 10000







The DL 10000 energizer is the perfect choice for fencing in or keeping out domestic or wild animals – horses, cows, dogs, boars, deer, bears, wolves, etc.

The DL 10000 is designed for enclosures up to 35000 m in length.

It can be powered from 230 V via a 12 V adapter or from a 12 V car accumulator (neither included in the package). A 12 V / 45 Ah car accumulator provides enough energy to power the unit for 2-3 days.

### Technical specifications

Power supply voltage	12 V <del></del>
Power consumption	600 mA
Maximum output voltage at 500 Ω load	9900 V
Maximum fence length	35000 m
Maximum stored energy	12.9 Joule
Maximum impulse energy	10 Joule
Degree of protection	IPX4
Dimensions	210 × 265 × 100 mm
Weight	2.52 kg

### Compact electric fence energizer systems with DL 3200, DL 4500 and DL 7200



Compact electric fence energizer systems are the ideal solution for electric fences to be installed in places where there is no possibility to connect to the mains. The system has an autonomy of non-stop operation for several years.

The system is very simple to install: it is fixed vertically on a wooden support with the solar panel facing south and the output wires connected to the grounding and the electric fence, respectively. The only requirement is to place away from objects that may shade the solar panel.

The system is rain and snow resistant. The box can be locked with an attached key.



### Compact energizer system DL 3200

The system consists of a DL 3200 impulse generator (3.2 Joule output), and a 30 W solar panel system + a charge controller. A 12 V car accumulator (min. 45 Ah, not included in the package) will be used to power the system.





# Compact energizer system DL 4500

The system consists of a DL 4500 impulse generator (4.5 Joule output), and a 30 W solar panel system

+ a charge controller. A 12 V car accumulator (min. 45 Ah, not included in the package) will be used to power the system.





### Compact energizer system DL 7200

The system consists of a DL 7200 impulse generator (7.2 Joule output), and a 50 W solar panel system

+ a charge controller. A 12 V car accumulator (min. 45 Ah, not included in the package) will be used to power the system.



## ECO-compact electric fence energizer with solar panel 30 W



The compact electric fence energizer is a convenient and safe solution for the electrification of temporary or permanent electric fences in areas where there is no access to the 230 V mains.

The system can operate autonomously even for years, requiring minor interventions such as checking that the accumulator is working properly, regular cleaning of the solar panel and maintenance of the electric fence line.

The system is completely assembled in a box and contains all the necessary elements to operate independently from the 230 V electricity mains.



### Advantages

- · Robust box, resistant to moisture (rain, snow, splash water).
- On the outside, the system is equipped with a switch, which makes it easy to turn the electric fence on/off without having to open the box.
- The accumulator is continuously recharged by the solar panel.
- Over-voltage protection disconnecting the accumulator in full sunlight can cause the voltage generated by the solar panel to increase, which can damage the energizer.
   The box includes an additional electronic circuit to protect against this.
- Moving the system (for the purpose of moving the temporary electric fence) is very easy, reassembly in another place is very simple.

### System elements

- Electric fence energizer.
- 2 Accumulator (not included).
- 3 Solar panel.
- Charge controller.
- Over-voltage protection circuit.
- 6 Electric fence on/off switch.
- A Impulse output cable (electric
- fence connection); **B** Grounding cable;
- Accumulator positive pole clamp;
- **1** Accumulator negative pole clamp; **3** Solar panel connection cable; **5** Charge indicator;

0563 DL 4500 (4.5 Joule, 12 km)

**G** – Charge level indicator.

### Installation

Mount the box in a place out of shade, near the electric fence, with the solar panel 3 facing south. Create the grounding, connect the grounding cable to it 3, then connect the blue cable 3 to the wires of the electric fence by using a connector.

### Grounding

For proper operation, the system needs an adequate grounding. For grounding you can use an M12 threaded metal bar or an L-profile metal bar. Please note: the grounding bar is not included in the package!

### Accumulator

For energy storage, use a 12 V accumulator (acid or gel) . Please note: the accumulator is not included in the package! Do not use Ni-MH or Li-ion accumulators! Use an accumulator with at least 45 Ah capacity. The maximum capacity is determined by the size that fits in the system box.

## Electric fence energizer DL 500





The DL 500 energizer is the perfect choice for fencing in domestic animals – pigs, horses, cattle, dogs, poultry, etc.

The DL 500 is designed for enclosures up to 1000 m in length. It can be powered by the included 230/12 V mains adapter. It is also possible to power the device using a 12 V car accumulator, in which case you do not need the mains adapter.

## Technical specifications

Power supply voltage	12 V or ~230 V
Power consumption	57 mA
Maximum output voltage at $500~\Omega$ load	8400 V
Maximum fence length	1000 m
Maximum stored energy	1 Joule
Maximum impulse energy	0.5 Joule
Degree of protection	IPX4
Dimensions	205 × 105 × 64 mm
Weight	0.65 kg

# Electric fence energizer DL 250





The DL 250 energizer is the perfect choice for fencing in domestic animals – sheep, goats, pigs, horses, cattle, dogs, etc.

The DL 250 is designed for enclosures up to 1000 m in length. The DL 250 can be powered by a special dry 9 V, 120 Ah or 175 Ah dry battery or a 12 V car accumulator (neither included in the package).

The device has two operating modes: extreme and ECO. In ECO mode the consumption of the appliance is lower, the energy of the impulses is lower.

### Technical specifications

Power supply voltage	9-12 V <del></del>
Power consumption	24 mA
Maximum output voltage at 500 Ω load	9400 V
Maximum fence length	1000 m
Maximum stored energy	0.5 Joule
Maximum impulse energy	0.25 Joule
Degree of protection	IPX4
Dimensions	150 × 235 × 280 mm
Weight	1.12 kg

# Dry battery 9 V, 120 Ah



Dry battery for supplying power to electric fence energizers. Warning: the battery is not rechargeable!

Voltage	9 V
Capacity	120 Ah
Dimensions	166 × 111 × 113 mm

# Dry battery 9 V, 175 Ah



Dry battery for supplying power to electric fence energizers. Warning: the battery is not rechargeable!

Voltage	9 V
Capacity	175 Ah
Dimensions	190 × 126 × 160 mm

# 230/12 V mains adapter



The 230/12 V adapter can be used to power the DL 3200, DL 4500, DL 7200 or DL 10000 electric fence energizers directly from the mains (purchase adapter separately). The output voltage is stabilized.

Input voltage	~100-240 V, 50 Hz
Output voltage	12 V
Output current	1 A
Short-circuit protection	Yes
Stabilized	Yes

# AKO mains adapter, 230/13.8 V



230/13.8 V mains adapter with special plug for AKO electric fence energizers.

Input	~100-240 V, 50-60 Hz
Output	13.8 V, 800 mA
Stabilized	Yes

# Mains adapter with transformer, 230/12 V



230/12 V mains adapter with transformer for supplying power to DL 4000 energizer.

Input	230 V, 50 Hz
Output	12 V, 500 mA
Stabilized	Yes

## AKO electric fence energizers



### AKO Power N Series

AKO Power N energizers are suitable for fencing in or keeping out domestic or wild animals. The devices are powered by 230 V mains.



	N 1200	N 3500	N 4800
Consumption	5 W	7 W	7 W
Maximum output voltage	12500 V	11500 V	9000 V
Maximum fence length	2000 m	6000 m	8000 m
Maximum impulse energy	1.2 Joule	3.5 Joule	4.8 Joule

### AKO Duo Power X Series

AKO Duo Power X energizers are suitable for fencing in or keeping out domestic or wild animals. The devices are powered by 230 V mains (via the included mains adapter), or by a 12 V, min. 45 Ah car accumulator.



### AKO electric fence energizers



### AKO Power A Series

AKO Power A energizers are suitable for fencing in or keeping out domestic or wild animals. The devices are powered by a 12 V, min. 45 Ah car accumulator.

# AKO Power A 2000 AKO Power A 3300 0792 0793

	A 2000	A 3300
Consumption	75-193 mA	114-320 mA
Maximum output voltage	9600 V	10200 V
Maximum fence length	4000 m	6000 m
Maximum impulse energy	2 Joule	3.3 Joule

### AKO Power Profi Ni 10000, 230 V, 10 Joule

AKO Profi Ni 10000 energizer is designed for large fences with a maximum length of 80000 m. The device operates exclusively on 230 V mains power supply (without adapter).



Power consumption	13 W
Maximum output voltage	10200 V
Maximum fence length	80000 m
Maximum impulse energy	10 Joule

### AKO Power Station XDi 10000 digital, 10 Joule

AKO Power Station XDi 10000 energizer is designed for large fences with a maximum length of 80000 m. Power supply of the device can be realized in two ways:

- · By 230 V mains, via the included adapter.
- · Using a 12 V, min. 45 Ah car accumulator.

In addition, a solar system can be connected to the device to ensure recharging of the accumulator.



Power consumption	240-820 mA
Maximum output voltage	10000 V
Maximum fence length	80000 m
Maximum impulse energy	10 Joule

## Solar systems











Photovoltaic systems can be used in places where there is no possibility of connection to the mains electricity, primarily for the purpose of charging lead-acid accumulators.

These systems are supplied partially assembled. The accumulator is connected to the charge controller. The controller will indicate if the charge level of the accumulator is low. The accumulator can be used to power the electric fence energizer, or any low power 12 V DC consumer – telephone charger, 12/230 V inverter, LED bulb, etc.

Cell type	30 W, monocrystalline	50 W, monocrystalline	100 W, monocrystalline
Approximate dimensions*	670 × 350 × 25 mm	670 × 540 × 25 mm	840 × 670 × 30 mm
Charge controller	12 V, 10 A	12 V, 10 A	12 V, 10 A
Accumulator capacity	Max. 70 Ah	Max. 100 Ah	Max. 200 Ah
Connection cables	Panel → Controller: 5 m Controller → Accumulator: 1 m Co	Panel → Controller: 5 m	Panel → Controller: 5 m

<sup>\*</sup> The dimensions may vary within ±15%.

# Solar system charge controller

The charge controller controls the voltage and the current between the solar panel and the accumulator. This component is essential between the solar panel and the accumulator.

Operating voltage	12/24 V
Current	10 A
Dimensions	14 × 9 × 3 cm
Operating temperature	-20+60 °C



## 12 V LED light bulb

Energy-saving bulb suitable for lighting. The use of LED bulbs is essential where power is supplied by an accumulator.

Power supply voltage	12 V, AC/DC
Power consumption	8 W
Socket type	E27
Brightness	800 lm, 4100 K



# Solar lighting system

Photovoltaic lighting systems are a very efficient solution in places where there is no possibility of connection to the mains electricity, for example: cabins, caravans, sheepfolds.

The system is supplied partially assembled. Installation is very easy: the solar panel is positioned towards the south, tilted at 45 degrees. It can be attached through the holes on the aluminum frame.

A 12 V, 45-100 Ah car accumulator (not included in the package) will be used for energy storage. The accumulator is connected to the charge controller. Depending on the power of the accumulator and the number of bulbs, the system can run 4-8 hours per day.

In addition to the controller and light switch, the panel contains a cigarette lighter socket which can power any device suitable for use in the car – e.g. USB phone charger, 12/230 V inverter or FM music transmitter.

### Technical specifications

not included!

Cables	Solar panel → controller: 5 m
	Controller → accumulator: 1.5 m
	Controller → bulbs: 5 m Bulb ↔ bulb: 5 m
D. II	
Bulbs	12 V, 8 W, 650 lm, LED
Accumulator	12 V, 45–100 Ah Not included in the package!
Solar panel cells	Monocristaline
Solar panel power	50 W
Please note: the warranty only co	vers the solar panel and the charge controller, bulbs are



### Example of installation

The solar panel (A) can be mounted on the roof of a building if one roof surface faces south.

The bulbs ③ can be placed anywhere by preference, provided they are protected from extreme humidity. Even if the bulbs are fully insulated, the contacts of the plugs will only last for a short time in excessively damp conditions.

The panel **③** shall be mounted in an accessible place but away from damp (rain, snow). Please note that the light switch is located on the panel, the car cigatel lighter socket can also be accessed from here (to charge a cell phone or to power an FM transmitter).

The car accumulator ① (not included in the package) shall be placed near the control panel.



## Electric fence wire - $11 \Omega/m \cdot 45 \text{ kg} \cdot 250/500 \text{ m}$





The wire is suitable for small enclosures, exclusively for domestic animals.

It can be used for temporary or seasonal fencing.

Maximum fence length	500 m
Diameter	2 mm
Breaking strength	45 kg
Electrical resistance	11 Ω/m
Metallic inserts	3 × 0.16 mm inox

### Electric fence wire - 4.8 Ω/m • 65 kg • 250/400/1000 m



The wire is suitable for small and medium enclosures, exclusively for domestic animals.

It can be used for temporary or seasonal fencing.

500 m
3 mm
65 kg
4.8 Ω/m
6 × 0.16 mm inox

# Electric fence wire – 0.45 Ω/m • 90 kg • 250/500 m





The wire is suitable for small, medium and large enclosures, exclusively for domestic animals.

It can be used for temporary or seasonal fencing.

Maximum fence length	9000 m
Diameter	3 mm
Breaking strength	90 kg
Electrical resistance	0.45 Ω/m
Metallic inserts	3 × 0.2 mm inox 1 × 0.25 mm copper

## Electric fence wire - 0.4 Ω/m • 130 kg • 500/1000 m





The wire is suitable for small, medium and large enclosures, for domestic and/or wild animals.

It can be used for temporary or seasonal fencing.

Maximum fence length	10000 m
Diameter	3 mm
Breaking strength	130 kg
Electrical resistance	0.4 Ω/m
Metallic inserts	5 × 0.2 mm inox 1 × 0.25 mm copper

### Electric fence wire – 0.11 $\Omega/m \cdot 130 \text{ kg} \cdot 500/1000 \text{ m}$





The wire is suitable for small, medium and large enclosures, for domestic and/or wild animals.

It can be used for temporary or seasonal fencing.

Maximum fence length	20000 m
Diameter	3 mm
Breaking strength	130 kg
Electrical resistance	0.11 Ω/m
Metallic inserts	3 × 0.2 mm inox 3 × 0.25 mm copper

# Electric fence wire - 0.45 Ω/m • 100 kg • 250/500/1000 m



The wire is suitable for small, medium and large enclosures, for domestic and/or wild animals.

It can be used for temporary or seasonal fencing.

Maximum fence length	9000 m
Diameter	3 mm
Breaking strength	100 kg
Electrical resistance	0.45 Ω/m
Metallic inserts	3 × 0.2 mm inox 2 × 0.25 mm HPWA

### Braided electric fence wire - 0.09 Ω/m • 150 kg • 200 m



The wire is suitable for medium and large fencing, for domestic and wild animals. The wire is suitable for both permanent and temporary fencing.

The structure of the wire is not the usual one, compared to other wires on the market, it has a braided structure. Due to its tangle-free characteristic, braided wire is recommended for temporary, frequently moved systems.

Maximum fence length	25000 m
Diameter	3 mm
Breaking strength	150 kg
Electrical resistance	0.09 Ω/m
Metallic inserts	6 × 0.2 mm SS 3 × 0.25 mm Cu

### Electric fence rope – $0.33 \,\Omega/\text{m} \cdot 330 \,\text{kg} \cdot 400 \,\text{m}$



The rope is suitable for small, medium and large fencing, for large domestic and/or wild animals.

It can be used for permanent or temporary fencing. The important feature of the rope is its high breaking strength – it does not easily break if a large animal forces the fence.

Maximum fence length	12000 m
Diameter	4 mm
Breaking strength	330 kg
Electrical resistance	0.33 Ω/m
Metallic inserts	6 × 0.3 mm zinc

# Electric fence rope – 2.3 $\Omega/m$ • 590 kg • 200/500 m



The rope is suitable for small, medium and large fencing, for large domestic and/or wild animals.

It can be used for permanent or temporary fencing. The important feature of the rope is its high breaking strength – it does not easily break if a large animal forces the fence.

Maximum fence length	6000 m
Diameter	6 mm
Breaking strength	590 kg
Electrical resistance	2.3 Ω/m
Metallic inserts	3 × 0.4 mm inox

## Electric fence rope – $0.4 \Omega/m \cdot 590 \text{ kg} \cdot 200/500 \text{ m}$



The rope is suitable for small, medium and large fencing, for large domestic and/or wild animals.

It can be used for permanent or temporary fencing. The important feature of the rope is its high breaking strength – it does not easily break if a large animal forces the fence.

Maximum fence length	10000 m
Diameter	6 mm
Breaking strength	590 kg
Electrical resistance	0.4 Ω/m
Metallic inserts	5 × 0.2 mm inox 1 × 0.25 mm copper

### Electric fence tape 10 mm - 11 $\Omega$ /m • 60 kg • 200/500 m



The tape is suitable for small and medium enclosures, exclusively for domestic animals.

It can be used for temporary or seasonal fencing. Important features of the tape are its good visibility and high elasticity.

Maximum fence length	400 m
Width	10 mm
Breaking strength	60 kg
Electrical resistance	11 Ω/m
Metallic inserts	3 × 0.16 mm inox

## Electric fence tape 20 mm - 9 Ω/m • 90 kg • 200/500 m



The tape is suitable for small and medium enclosures, exclusively for domestic animals.

It can be used for temporary or seasonal fencing. Important features of the tape are its good visibility and high elasticity.

Maximum fence length	400 m
Width	20 mm
Breaking strength	90 kg
Electrical resistance	9 Ω/m
Metallic inserts	4 × 0.16 mm inox

### Electric fence tape 40 mm - 3.8 Ω/m • 120 kg • 200/500 m



The tape is suitable for small and medium enclosures, for domestic and/or wild animals.

It can be used for temporary or seasonal fencing. Important features of the tape are its good visibility and high elasticity.

Maximum fence length	2400 m
Width	40 mm
Breaking strength	120 kg
Electrical resistance	3.8 Ω/m
Metallic inserts	8 x 0 16 mm inox

### Electric fence tape 10 mm - $0.45 \Omega/m \cdot 60 \text{ kg} \cdot 200/500 \text{ m}$



The tape is suitable for small and medium enclosures, exclusively for domestic animals.

It can be used for temporary or seasonal fencing. Important features of the tape are its good visibility and high elasticity.

Maximum fence length	9000 m
Width	10 mm
Breaking strength	60 kg
Electrical resistance	0.45 Ω/m
Metallic inserts	$3 \times 0.2$ mm inox, $1 \times 0.25$ mm copper

## Electric fence tape 20 mm - 0.4 Ω/m • 90 kg • 200/500 m



The tape is suitable for small, medium and large enclosures, exclusively for domestic animals.

It can be used for temporary or seasonal fencing. Important features of the tape are its good visibility and high elasticity.

Maximum fence length	10000 m
Width	20 mm
Breaking strength	90 kg
Electrical resistance	0.4 Ω/m
Metallic inserts	4 × 0.2 mm inox,

## Electric fence tape 40 mm - $0.38 \Omega/m \cdot 120 \text{ kg} \cdot 200/500 \text{ m}$



The wire is suitable for small, medium and large enclosures, for domestic and/or wild animals.

It can be used for temporary or seasonal fencing. Important features of the tape are its good visibility and high elasticity.

Maximum fence length	11000 m
Width	40 mm
Breaking strength	120 kg
Electrical resistance	0.38 Ω/m
Metallic inserts	$5 \times 0.2$ mm inox, $1 \times 0.25$ mm copper

## Steel wire 1.6 mm - 0.12 Ω/m • 200 kg • 200/400/1000 m



Steel wire is particularly suitable for permanent electric fencing. The material is protected against corrosion by galvanizing. Due to its mechanical and electrical properties, it is best suited for permanent electric fencing.

Maximum fence length	13000 m
Diameter	1.6 mm
Breaking strength	200 kg
Electrical resistance	0.12 Ω/m
Strands	7

## Galvanized steel wire for electric fence – $0.035 \,\Omega/m$ • $650 \,kg$ • $625 \,m$



Galvanized steel wire, suitable for permanent electric fencing.

Due to its low resistance, it conducts electric current very well over long distances without significant loss.

The material is protected against corrosion by galvanization.

Diameter	2.5 mm
Breaking strength	650 kg
Electrical resistance	0.035 Ω/m
Strands	1

### Wire tensioner, 80 mm



Tensioning device with automatic locking system (full length is 80 mm). Recommended for 1.6 mm diameter electric fence wire.



### Ratchet wire tensioner



Robust ratchet tensioning device with locking/unlocking system. Suitable for wire diameter 1.6–2.5 mm.



# Tensioning spring for 1.6 mm wire

Tensioning spring for electric fence wire of max. 1.6 mm. Used for permanent fencing to compensate for expansion caused by temperature variations.



# Tensioning spring for 2.5 mm wire

Tensioning spring for electric fence wire of max. 2.5 mm. Used for permanent fencing to compensate for expansion caused by temperature variations.





# Rotating wire tensioner



Device for adjusting the tensing degree of the permanent electric fence wire. Can be mounted without removing the wire.





# Tensioning arm for rotating wire tensioner



Indispensable tool when constructing permanent electric wire fences. Used to adjust the wire tension with the rotating wire tensioner.





# Wire dispenser



The wire dispenser makes it extremely easy to install the wire of the permanent electric fence. Effectively prevents unwanted twisting of the wire.



### Reel 32 × 15 cm with sole and strap

Reel to store the electric fence wire while moving the fence or during storage.

Capacity: approx.
2000 m of 3 mm thick electric fence wire.

0193



### Reel 32 × 15 cm

Reel to store the electric fence wire while moving the fence or during storage.

Capacity: approx. 2000 m of 3 mm thick electric fence wire.

0105-2



# M12 threaded metallic rod for grounding

0088



Galvanized, threaded metallic rod for grounding the electric fence system. With M12 thread and two nuts. Length: 1 m.





# L-profile metallic rod for grounding

0088-1



L-profile 20  $\times$  20 mm galvanized metallic rod for grounding the electric fence system. With M6 screw for connection. Length: 1 m.





### Ring insulator with wood screw

The most commonly used insulator, recommended for wooden structures. 25 pcs./pack.







### Ring insulator with M6 metric screw

Insulator with M6 metric thread, recommended for metal posts and structures.





# Reinforced ring insulator

Reinforced ring insulator, recommended for wooden structures. 25 pcs./pack. The plastic ring is reinforced internally by the extension of the metal screw.



# Ring insulator set 100 pieces + gift

Ring insulator for wooden structures. Set of 100 pcs./box + free drill chuck.

# Ring insulator set 300 pieces + gift

Ring insulator for wooden structures. Set of 300 pcs./ box + free drill chuck.







### Long ring insulator with wood screw



Long insulator, recommended for wooden posts and structures.









## Long ring insulator with M6 metric screw



Long ring insulator with M6 metric thread, recommended for metal posts and structures.











# Tape insulator with wood screw

Tape insulator, recommended for wooden posts and structures. 25 pcs./pack.









# Tape insulator with M6 screw

Insulator with M6 metric thread, recommended for metal posts and structures.



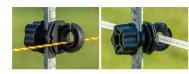




### Ring insulator for metal posts

Ring insulator, recommended for metal posts with a maximum diameter of 15 mm. 10 pcs./pack.





# Corner insulator with wood screw

Corner insulator for wooden posts and structures. Its robust construction ensures adequate rigidity at corners and ends of the electric fence.





## Tape insulator for metal posts

Tape insulator, recommended for metal posts with a maximum diameter of 15 mm. 10 pcs./pack.











### Corner insulator with M6 screw

Corner insulator for metal posts and structures. Its robust construction ensures adequate rigidity at corners and ends of the electric fence.









### Gate insulator with wood screw

Special insulator for setting up gates. Its robust construction ensures proper rigidity at the ends of the gates.





# Insulator for permanent electric fence

Insulator for permanent electric fences, suitable for wire, rope or metallic wire of max. 6 mm diameter.



### Gate insulator with M6 screw

Special insulator for setting up gates. Its robust construction ensures proper rigidity at the ends of the gates.





## Insulator for permanent electric fence

Insulator for permanent electric fences, suitable for metallic wire of max. 2.5 mm diameter.



## Corner insulator for permanent fence

The perfect insulator for permanent electric fence corners or ends.



### Porcelain corner and end insulator

The perfect insulator for permanent electric fence corners or ends.















# Gate insulator for permanent fence



Insulator mainly recommended for permanent electric fences. Used for fixing the gate handle. With three anchor points.





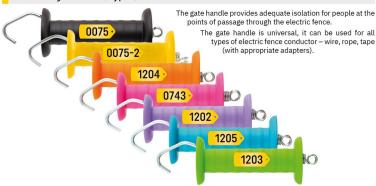
# Drill chuck for insulators

It is compatible with most insulators on the market. Its hexagonal socket fits perfectly into a cordless screwdriver.





### Universal gate handle, type 1, 7 colors



# Universal gate handle, type 2



The gate handle provides adequate isolation for people at the points of passage through the electric fence.

The gate handle is universal, it can be used for all types of electric fence conductor – wire, rope, tape (with appropriate adapters).

# Gate handle for 10 mm wide tape



Gate handle with special connector for max. 10 mm wide tape.

Gate handle for 20 mm wide tape



Gate handle with special connector for max. 20 mm wide tape.

Gate handle for 40 mm wide tape



Gate handle with special connector for max. 40 mm wide tape.



# Gate handle set with 5 m spring and 2 insulators

The gate built with this set can easily be used where frequent passage through the electric fence system with agricultural machinery or livestock is required.

The set contains all the necessary elements for building a gate. The spring can be extended up to 5 m.

0104



# Gate handle with 5 m spring



The gate handle with spring has the following benefits:

- 2 in 1 handle + spring (instead of separate handle and spring).
- Thin, lightweight spring, does not bend too much if the gate is wide.

The spring can be extended up to 5 m.



# 5 m spring for electric fence gate

Electric fence gate spring. To be used together with a universal gate handle.

The spring can be extended up to 5 m.



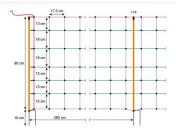


# Electric fence net 50 m × 90 cm

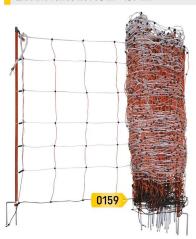


The net is ideal for small animals – sheep, dogs, pigs, chickens, etc. The net can be used especially for temporary electric fences, since it can be easily moved. Plastic posts are included in the kit.

Length	50 m
Height	90 cm
Electrical resistance	0.27 Ω/m
Metallic inserts	Upper wire - 5 Intermediary wires - 3
Insert material	Stainless steel
Insert diameter	0.2 mm

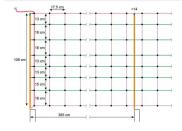


# Electric fence net 50 m × 108 cm



The net is ideal for small animals – sheep, dogs, pigs, chickens, etc. The net can be used especially for temporary electric fences, since it can be easily moved. Plastic posts are included in the kit.

Length	50 m
Height	108 cm
Electrical resistance	0.27 Ω/m
Metallic inserts	Upper wire - 5 Intermediary wires - 3
Insert material	Stainless steel
Insert diameter	0.2 mm

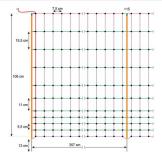


# Electric fence net for poultry, 50 m × 106 cm



The net is ideal for small animals – sheep, dogs, pigs, chickens, etc. The net can be used especially for temporary electric fences, since it can be easily moved. Plastic posts are included in the kit.

Length	50 m
Height	106 cm
Electrical resistance	0.77 Ω/m
Metallic inserts	3 × 0.2 mm, inox

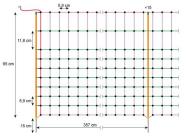


# Electric fence net for rabbits, 50 m × 65 cm



The net is ideal for small animals – rabbits, chickens, geese, turkeys, etc. The net can be used especially for temporary electric fences, since it can be easily moved. Plastic posts are included in the kit.

Length	50 m
Height	65 cm
Electrical resistance	0.86 Ω/m
Metallic inserts	3 × 0.2 mm, inox



# Plastic post

This plastic fence post is ideal for temporary electric fencing systems designed for enclosing domestic animals.

At the bottom of the post there is a steel spike that can be driven into the ground. There is no need for separate insulators when using these posts. The electric fence wire can be installed at different heights.





# Energizer power supply cable, type 1

The power supply cable is 1 m long and is made of 1.5 mm<sup>2</sup> copper wire.

One end of the wire is fitted with crocodile clips that connect to the accumulator terminals. The other

0086

terminals. The other end is fitted with  $\emptyset$ 6 ring lugs for connection with the impulse generator.

# Energizer-fence connection cable

The connection cable is 1 m long and made of copper wire with a cross-section of 1.5 mm².

The yellow wire provides the connection between the impulse generator and the fence, while the yel-



low-green wire provides the connection between the impulse generator and the grounding.

# Energizer power supply cable, type 2

The power supply cable is 1 m long and is made of 1.5 mm<sup>2</sup> copper wire.

One end of the wire is fitted with crocodile clips



that connect to the accumulator terminals. The other end is fitted with Ø6 mm ring lugs for connection with the impulse generator.

# Connection cable for multiple groundings

Connection cable for multiple grounding. The cable is designed especially for groundings created with M12 threaded metal rods – fitted with one Ø13 mm ring lug on both ends.



# Impulse output cable

The impulse output cable is 1 m long and is made of 1 mm² copper wire. The special connector is designed to create easy but secure connection to the electric fence wire or tape.



The end fitted with a Ø8 mm ring lug has to be connected to the energizer.

# High-voltage cable

Specially insulated cable designed to carry high-voltage of the electric fence, especially underground. It is ideal for energizer-fence connection. Sold in quantities of 25, 50 or 100 m.



Wire diameter: 1.4 mm Cable diameter: 8 mm

## Special insulated cable for energizer to fence connection

Connection cable electric fence energizer + fence, for carrying high voltage impulses. The cable can touch any ground object – posts, buildings, trees, etc., or can also be routed underground.

One end of the cable is fitted with a ring lug which fits perfectly onto an M6 screw.





#### Electric fence cut-out switch

The switch is the ideal element to turn off/on the high voltage in a portion of the electric fence without stopping the



impulse generator.
The switch allows you to simultaneously control the operation of two separate sections of the electric fence.

# Warning sign

All sections of an electric fence to be installed along streets or public roads must be marked at 5-20 m intervals with warning signs.

The warning signs shall be mounted on the wire of the electric fence using the collars included in the package.



# Lightning protection for electric fence



This device protects the impulse generator against lightning. It is mounted on an electric fence post. The spring element connects to the electric fence wire and the support element connects to the ground.



#### Connector for 2-4 mm wire



Special element for connecting or extending 2-4 mm thick electric fence wire.

Sold in packs of 5 pieces.



#### Rope connector 4-6 mm, single



Special element for connecting or extending 4-6 mm thick rope.



# Ring connector for 4-6 mm rope



Element for connecting 4-6 mm thick rope to the tensioning spring, gate insulator or gate handle.



# Connector for 20 mm tape



Special element connecting or extending 20 mm wide electric fence tapes.



#### Gate connector kit for 2-4 mm wire



Pair of connectors for connecting 2-4 mm thick electric fence wire to the insulator or gate handle. Sold in packs of 2 sets.



#### Rope connector 4-6 mm, double



Special element for connecting or extending 4-6 mm thick rope.



# Connector for 10-12 mm tape



Special element for connecting or extending 10-12 mm wide electric fence tapes.



# Connector for 40 mm tape



Special element connecting or extending 40 mm wide electric fence tapes.



# Tester 1-10 kV, without grounding, AKO

Device for testing and measuring voltage between 1000 and 10000 V. The tester operates without grounding, with a 9 V battery (included in the package).



#### Tester 1-10 kV

Device for measuring and testing high voltage. Measuring range: 1000-10000 V. The instrument can be operated without a power source. During the measurement, the grounding spike is inserted into the ground, while the hook of the instrument is hung on the electric fence wire.



# Voltage indicator

Device for indicating the presence of impulses in the electric fence wire/tape – it allows you to visually observe, from a distance, whether the electric fence is working, or whether it has the required minimum voltage of 3000 V.



#### Tester 1-10 kV, model 2023

Device for measuring and testing high voltage. Measuring range: 1000-10000 V, in 2000 V steps. The instrument can be operated without a power source. During the measurement, the grounding spike is inserted into the ground, while the hook of the instrument is hung on the electric fence wire.





# Digital tester 3-18 V and 500-13000 V

Multi-functional voltmeter-tester for measuring low and high voltages:

- · DC voltage between 3 and 18 V.
- · High voltage between 500 and 13000 V.

The tester is powered by an included 9 V battery.









# Cow milking machine, with 1 inox bucket 25 liters, eco





Portable cow milking machine, with one inox 25 liters bucket, pulsator 60/40, vacuum pump 200 liters/minute, without a vacuum tank.

#### Technical specifications

Bucket	1 × 25 liters, inox
Milking cluster	1 cluster, for cows, 200 cm³
Pulsator	1 pc., 60/40, 60 pulses/minute
Vacuum pump	200 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	No vacuum tank
Moight	16 6 kg

Please note: the 1 year warranty is for the vacuum pump motor, the other parts of the milking machine are not covered by warranty!

# Cow milking machine, with 1 inox bucket 30 liters





Portable cow milking machine, with one inox 30 liters bucket, pulsator 60/40, vacuum pump 230 liters/minute, vacuum tank of 18 liters.

#### Technical specifications

Bucket	1 × 30 liters, inox
Milking cluster	1 cluster, for cows, 240 cm³
Pulsator	1 pc., 60/40, 60 pulses/minute
Vacuum pump	230 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	18 liters
Weight	57.2 kg
Please note: the 1 year warranty is for the vacu	uum pump motor, the other parts of the milking machine ar

not covered by warranty!

# Cow milking machine, with 2 clusters, 1 inox bucket 40 liters





Portable cow milking machine, with 2 milking clusters and one inox 40 liters bucket, pulsator 60/40, vacuum pump 230 liters/minute, vacuum tank of 18 liters.

#### Technical specifications

Bucket	1 × 40 liters, inox
Milking cluster	2 clusters, for cows, 240 cm <sup>3</sup>
Pulsators	2 pcs., 60/40, 60 pulses/minute
Vacuum pump	230 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	18 liters
Weight	62.7 kg

## Cow milking machine, with 2 clusters, 2 inox buckets 30 liters





Portable cow milking machine, with 2 milking clusters and 2 inox 30 liters buckets, pulsator 60/40, vacuum pump 230 liters/minute, vacuum tank of 18 liters.

#### Technical specifications

Buckets	2 × 30 liters, inox
Milking clusters	2 clusters, for cows, 240 cm <sup>3</sup>
Pulsators	2 pcs., 60/40, 60 pulses/minute
Vacuum pump	230 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	18 liters
Weight	72.2 kg

Please note: the 1 year warranty is for the vacuum pump motor, the other parts of the milking machine are not covered by warranty!

#### Sheep milking machine, with 2 clusters, 1 inox bucket 25 liters, eco





Portable sheep milking machine, with 2 milking clusters and 1 inox 25 liters bucket, pulsator 50/50, vacuum pump 230 liters/minute, without a vacuum tank.

#### Technical specifications

•	
Bucket	1 × 25 liters, inox
Milking clusters	2 clusters, for sheep
Pulsator	1 pc., 50/50, 120 pulses/minute
Vacuum pump	200 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	No vacuum tank
Weight	46.25 kg

Please note: the 1 year warranty is for the vacuum pump motor, the other parts of the milking machine are not covered by warranty!

# Sheep milking machine, with 2 clusters, 1 inox bucket 30 liters





Portable sheep milking machine, with 2 milking clusters and 1 inox 30 liters bucket, pulsator 50/50, vacuum pump 200 liters/minute, vacuum tank of 18 liters.

#### Technical specifications

Bucket	1 × 30 liters, inox
Milking clusters	2 clusters, for sheep
Pulsator	1 pc., 50/50, 120 pulses/minute
Vacuum pump	230 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	18 liters
Weight	56.2 kg

# Sheep milking machine, with 4 clusters, 1 inox bucket 40 liters





Portable sheep milking machine, with 4 milking clusters and 1 inox 40 liters bucket, pulsator 50/50, vacuum pump 230 liters/minute, vacuum tank of 18 liters.

#### Technical specifications

Bucket	1 × 40 liters, inox
Milking clusters	4 clusters, for sheep
Pulsators	2 pcs., 50/50, 120 pulses/minute
Vacuum pump	230 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	18 liters
Weight	62 A kg

Weight 62.4 kg
Please note: the 1 year warranty is for the vacuum pump motor, the other parts of the milking machine are

# Sheep milking machine, with 4 clusters, 2 inox bucket 30 liters





Portable sheep milking machine, with 4 milking clusters and 2 inox 30 liters bucket, pulsator 50/50, vacuum pump 230 liters/minute, vacuum tank of 18 liters.

#### Technical specifications

Buckets	2 × 30 liters, inox
Milking clusters	4 clusters, for sheep
Pulsators	2 pcs., 50/50, 120 pulses/minute
Vacuum pump	230 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	18 liters
Weight	70.9 kg
Please note: the 1 year warranty is for the v	acuum pump motor, the other parts of the milking machine are

not covered by warranty!

# Cow milking machine, with 1 aluminum bucket 25 liters, eco





Portable cow milking machine, with one aluminum 25 liters bucket, pulsator 60/40, vacuum pump 200 liters/minute, without a vacuum tank.

#### Technical specifications

Bucket	1 × 25 liters, aluminum
Milking cluster	1 cluster, for cows, 200 cm³
Pulsator	1 pc., 60/40, 60 pulses/minute
Vacuum pump	200 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	No vacuum tank
Weight	45.85 kg

## Cow milking machine, with 1 aluminum bucket 30 liters





Portable cow milking machine, with one aluminum 30 liters bucket, pulsator 60/40, vacuum pump 230 liters/minute, vacuum tank of 18 liters.

#### Technical specifications

Bucket	1 × 30 liters, aluminum
Milking cluster	1 cluster, for cows, 240 cm <sup>3</sup>
Pulsator	1 pc., 60/40, 60 pulses/minute
Vacuum pump	230 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	18 liters
Weight	56.3 kg

VVERIGIT

30.3 Kg

Please note: the 1 year warranty is for the vacuum pump motor, the other parts of the milking machine are not covered by warranty!

# Cow milking machine, with 2 clusters, 1 aluminum bucket 40 liters





Portable cow milking machine, with 2 milking clusters and one aluminum 40 liters bucket, pulsator 60/40, vacuum pump 230 liters/minute, vacuum tank of 18 liters.

#### Technical specifications

Bucket	1 × 40 liters, aluminum
Milking cluster	2 clusters, for cows, 240 cm³
Pulsators	2 pcs., 60/40, 60 pulses/minute
Vacuum pump	230 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	18 liters
Weight	61.3 kg
Please note: the 1 year warranty is for the var	cuum pump motor, the other parts of the milking machine are

not covered by warranty!

# Cow milking machine, with 2 clusters, 2 aluminum buckets 30 liters





Portable cow milking machine, with 2 milking clusters and 2 aluminum 30 liters buckets, pulsator 60/40, vacuum pump 230 liters/minute, vacuum tank of 18 liters.

#### Technical specifications

Buckets	2 × 30 liters, aluminum
Milking clusters	2 clusters, for cows, 240 cm <sup>3</sup>
Pulsators	2 pcs., 60/40, 60 pulses/minute
Vacuum pump	230 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	18 liters
Weight	70.4 kg

# Sheep milking machine, with 2 clusters, 1 aluminum bucket 25 liters, eco





Portable sheep milking machine, with 2 milking clusters and 1 aluminum 25 liters bucket, pulsator 50/50, vacuum pump 200 liters/minute, without a vacuum tank.

#### Technical specifications

Bucket	1 × 25 liters, aluminum
Milking clusters	2 clusters, for sheep
Pulsator	1 pc., 50/50, 120 pulses/minute
Vacuum pump	200 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	No vacuum tank
Weight	45.5 kg

Please note: the 1 year warranty is for the vacuum pump motor, the other parts of the milking machine are not covered by warranty!

# Sheep milking machine, with 2 clusters, 1 aluminum bucket 30 liters





Portable sheep milking machine, with 2 milking clusters and 1 aluminum 30 liters bucket, pulsator 50/50, vacuum pump 230 liters/minute, vacuum tank of 18 liters.

#### Technical specifications

2 clusters, for sheep 50/50, 120 pulses/minute 230 liters/minute, with oil
220 liters/minute with oil
230 titers/illinute, with oil
230 V, 550 W
18 liters
55.3 kg

not covered by warranty!

# Sheep milking machine, with 4 clusters, 1 aluminum bucket 40 liters





Portable sheep milking machine, with 4 milking clusters and 1 aluminum 40 liters bucket, pulsator 50/50, vacuum pump 230 liters/minute, vacuum tank of 18 liters.

#### Technical specifications

Bucket	1 × 40 liters, aluminum
Milking clusters	4 clusters, for sheep
Pulsators	2 pcs., 50/50, 120 pulses/minute
Vacuum pump	230 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	18 liters
Weight	59.9 kg

# Sheep milking machine, with 4 clusters, 2 aluminum bucket 30 liters





Portable sheep milking machine, with 4 milking clusters and 2 aluminum 30 liters bucket, pulsator 50/50, vacuum pump 230 liters/minute, vacuum tank of 18 liters.

#### Technical specifications

Buckets	2 × 30 liters, aluminum
Milking clusters	4 clusters, for sheep
Pulsators	2 pcs., 50/50, 120 pulses/minute
Vacuum pump	230 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	18 liters
Weight	69.1 kg

Please note: the 1 year warranty is for the vacuum pump motor, the other parts of the milking machine are not covered by warranty!

#### Goat milking machine, with 2 clusters, 1 inox bucket 30 liters





Portable goat milking machine, with 2 milking clusters and 1 inox 30 liters bucket, pulsator 60/40, vacuum pump 230 liters/minute, vacuum tank of 18 liters.

#### Technical specifications

Bucket	1 × 30 liters, inox
Milking clusters	2 clusters, for goats
Pulsator	1 pc., 60/40, 90 pulses/minute
Vacuum pump	230 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	18 liters
Weight	55.4 kg
Ol	

not covered by warranty!

# Goat milking machine, with 2 clusters, 1 aluminum bucket 30 liters





Portable goat milking machine, with 2 milking clusters and 1 aluminum 30 liters bucket, pulsator 60/40, vacuum pump 230 liters/minute, vacuum tank of 18 liters.

#### Technical specifications

Bucket	1 × 30 liters, aluminum
Milking clusters	2 clusters, for goats
Pulsator	1 pc., 60/40, 90 pulses/minute
Vacuum pump	230 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	18 liters
Weight	54.3 kg

# Goat milking machine, with 4 clusters, 1 inox bucket 40 liters





Portable goat milking machine, with 4 milking clusters and 1 inox 40 liters bucket, pulsator 60/40, vacuum pump 230 liters/minute, vacuum tank of 18 liters.

#### Technical specifications

Bucket	1 × 40 liters, inox
Milking clusters	4 clusters, for goats
Pulsators	2pcs., 60/40, 90 pulses/minute
Vacuum pump	230 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	18 liters
Weight	60.5 kg

Please note: the 1 year warranty is for the vacuum pump motor, the other parts of the milking machine are not covered by warranty!

# Goat milking machine, with 4 clusters, 1 aluminum bucket 40 liters





Portable goat milking machine, with 4 milking clusters and 1 aluminum 40 liters bucket, pulsator 60/40, vacuum pump 230 liters/minute, vacuum tank of 18 liters.

#### Technical specifications

Bucket	1 × 40 liters, aluminum
Milking clusters	4 clusters, for goats
Pulsators	2 pcs., 60/40, 90 pulses/minute
Vacuum pump	230 liters/minute, with oil
Vacuum pump motor	230 V, 550 W
Vacuum tank	18 liters
Weight	59.25 kg
Please note: the 1 year warranty is for the va	cuum pump motor, the other parts of the milking machine are

not covered by warranty!

# Inox bucket for milking machine, 25 liters



Capacity	25 liters
Interior width top	17.5 cm
Exterior width bottom	33 cm
Overall height	41 cm

# Aluminum bucket for milking machine, 25 liters



Capacity	25 liters
Interior width top	17.5 cm
Exterior width bottom	30 cm
Overall height	48 cm

# Inox bucket for milking machine, 30 liters



Capacity	30 liters
Interior width top	17.5 cm
Exterior width bottom	33 cm
Overall height	46 cm

Aluminum bucket for milking machine, 30 liters



Capacity	30 liters
Interior width top	17.5 cm
Exterior width bottom	34 cm
Overall height	48 cm

0603

# Inox bucket for milking machine, 40 liters



Capacity	40 liters
Interior width top	21.5 cm
Exterior width oottom	33 cm
Overall height	60 cm

# Aluminum bucket for milking machine, 40 liters



Capacity	40 liters
Interior width top	21.5 cm
Exterior width bottom	34 cm
Overall height	56.5 cm

# Inox milk transport can, 30 liters

# 

The can is fitted with a clip-type lid. The lid is sealed with a rubber ring.

30 liters
21.5 cm
33 cm
46 cm

0605

#### Inox milk transport can, 40 liters



The can is fitted with a clip-type lid. The lid is sealed with a rubber ring.

seated with a	rubber filig
Capacity	40 liters
Interior width top	21.5 cm
Exterior width bottom	33 cm
Overall height	58.5 cm

0606

#### Aluminum milk transport can, 30 liters



The can is fitted with a clip-type lid. The lid is sealed with a rubber ring.

Capacity	30 liters
Interior width top	18 cm
Exterior width bottom	30 cm
Overall height	55 cm

0607

# Aluminum milk transport can, 40 liters



The can is fitted with a clip-type lid. The lid is sealed with a rubber ring.

Capacity	40 liters
Interior width top	18 cm
Exterior width bottom	34.5 cm
Overall height	58 cm



#### Milk bucket lid, 25-30 liters

Plastic lid for 25-30 liter milking buckets (with an inner opening width of 17.5 cm).





# Milk bucket lid, 40 liters

Plastic lid for 40 liter milking buckets (with an inner opening width of 21.5 cm).





#### Lid with 2 outlets, for 25-30 liter buckets

Plastic bucket lid with 2 outlets for milking machines, for 25-30 liter buckets.





#### Lid with 3 outlets, for 25-30 liter buckets

Plastic bucket lid with 3 outlets for milking machines, for 25-30 liter buckets (with an inner opening width of 17.5 cm).





# Lid with 3 outlets, for 40 liter buckets

Plastic bucket lid with 3 outlets for milking machines, for 40 liter buckets (having an inner opening width of 21.5 cm).





# Milk bucket stopper

Simple device to automatically stop the milking process if the milk bucket fills up.



# Lid gasket for 25-30 liter buckets

Gasket for 25-30 liter milk buckets (having an inner opening width of 17.5 cm).



# Lid gasket for 40 liter buckets

Gasket for 40 liter milk buckets (having an inner opening width of 21.5 cm).



# Double vacuum tube, 7/14 mm

7/14 mm double vacuum tube for milking machines – for connecting the pulsator and the claw.





#### Milk tube, 14/22 mm

14/22 mm milk tube for milking machines – for connecting the bucket and the claw.





#### Milk tube, 16/25 mm

16/25 mm milk tube for milking machines – for connecting the bucket and the claw.





#### Double tube, 14/22 + 7/14 mm

Double tube – vacuum tube (7/14 mm) and milk tube (14/22 mm) for milking machines – for connecting the claw, the bucket and the pulsator.





# Triple tube, 7/14 + 14/22 + 7/14 mm

Triple tube – vacuum tube  $(2 \times 7/14 \text{ mm})$  and milk tube (14/22 mm) for milking machines – for connecting the claw, the bucket and the pulsator.





# Milk tube tap

Plastic tap for milk tube. Connection diameter: Ø16 mm.



# Milk tube holder

Milk and vacuum tube holder ring.

# Y connector, 16 mm

Y connector for milk tubes. Connection diameter: Ø16 mm.

# Y connector, 8.5 mm

Y connector for vacuum tubes. Connection diameter: Ø8.5 mm.







## Pulsator 60/40, 60 pulses/minute

Mechanical pulsator for cow milking machines, 60/40, 60 pulses/minute.





# Pulsator 60/40, 90 pulses/minute

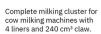
Mechanical pulsator for goat milking machines, 60/40. 90 pulses/minute.





# Cow milking cluster, 240 cm3

0636





# Sheep milking cluster, silicone

Complete milking cluster for sheep milking machines with 2 silicone liners and universal claws.

0638



#### Pulsator 50/50, 120 pulses/minute

Mechanical pulsator for sheep milking machines, 50/50, 120 pulses/minute.



# Pulsator repair kit

The kit contains two small membranes, two large membranes and four gasket rings.

0654



# Sheep milking cluster, rubber, 150 cm<sup>3</sup>

0637



Complete milking cluster for sheep milking machines with 2 rubber liners and 150 cm<sup>3</sup> claw

## Sheep milking cluster, rubber

0639



Complete milking cluster for sheep milking machines with 2 rubber liners and universal claws.

# Goat milking cluster, rubber

Complete milking cluster for goat milking machines with 2 rubber liners and universal claws.

0933



# Complete milking claw, 240 cm<sup>3</sup>

Complete claw for milking machines, 240 cm3.



# Bottom body for 240 cm<sup>3</sup> milking claw

Spare bottom body for 240 cm3 milk claw.



# Inner gasket for 240 cm3 collector

Seals the 240 cm<sup>3</sup> milk collector body. Two gaskets have to be fitted on opposite sides of the body to seal the fixing screw.







## Goat milking cluster, silicone

0932



Complete milking cluster for goat milking machines with 2 silicone liners and universal claws.

# Top body for 240 cm3 milking claw

Spare top + gasket ring for 240 cm<sup>3</sup> milking machine claw.



# Claw gasket for 240 cm3 collector

Sealing gasket for 240 cm3 milk claw.

0644

# Plastic nut for 240 cm³ milk collector

M6 plastic nut with metallic (brass) thread for the  $240\ cm^3$  milk collector.





# Shut-off valve for 240 cm3 collector

Rubber shut-off valve for 240 cm3 milk collector.



# Claw top for 200 cm<sup>3</sup> milking claw

Spare top + gasket ring for 200 cm<sup>3</sup> milking machine claw.



# Milk claw gasket 200 cm3

Sealing gasket for 200 cm3 milk claw.



# Button for 200 and 240 cm<sup>3</sup> collectors

Knob for operating the valve of the 200 cm<sup>3</sup> and 240 cm<sup>3</sup> milk collector.



# Complete milking claw, 200 cm<sup>3</sup>

Complete claw for milking machines, 200 cm<sup>3</sup>.



# Milk claw bottom body, 200 cm3

Spare bottom body for 200 cm3 milk claw.



# Shut-off valve for 200 cm<sup>3</sup> collector

Rubber shut-off valve for milk collector 200 cm3.



# Complete milking claw, 150 cm<sup>3</sup>

Complete claw for milking machines, 150 cm3.



# Milk claw gasket 150 cm3

Sealing gasket for 150 cm3 milk claw.



#### Rubber liner set for cows

0633

Spare long rubber liner for cow milking machines. Set of 4 pieces.



# Rubber liner set for sheep

Spare rubber liner for sheep milking machines. Set of 4 pieces.



# Silicone liner set for goats

Spare silicone liner for goat milking machines. Set of 4 pieces.



# Universal milking claw for sheep and goats

Universal milking claw (one-way valve) for sheep and goats.



#### Silicone liner set for cows

Spare silicone liner for cow milking machines. Set of 4 pieces.



# Silicone liner set for sheep

Spare silicone liner for sheep milking machines. Set of 4 pieces.



# Milking cup for cow milking machines, 27/40 mm

Milking cup for cow milking machines, 27/40 mm.



# Milking cup for sheep milking machines

Milking cup for sheep milking machines.



# Liner plug

Liner plug for stopping the operation of a cow milking machine liner.



# Vacuum pump with oil, 200 liters/minute



Monophasic vacuum

Motor type	Monophasio
Supply voltage	~230 V
Consumption	550 W
Capacity	<b>200</b> l/mir
Lubrication	Oi

# Vacuum pump 70 mm, 200 liters/minute



Spare vacuum pump without motor for milking machines. 70 mm, 200 liters/min.

0899

#### Milking cup for goat milking machines

Milking cup for goat milking machines.



#### Short vacuum tube, 7/14 mm

Short rubber vacuum tube for connecting the liners to the milk claw or to the Y-connector.



# Vacuum pump with oil, 230 liters/minute



Monophasic vacuum

j	
Motor type	Monophasic
Supply voltage	~230 V
Consumption	550 W
Capacity	230 l/min
Lubrication	Oil

# Vacuum pump 80 mm, 230 liters/minute



Spare vacuum pump without motor for milking machines. 80 mm, 230 liters/min.

#### Oil tank



Oil tank for milking machines with vacuum pump 200 liters/ minute.

0897

#### Waste oil tank



Waste oil tank for milking machines with vacuum pump 200 liters/minute.

0898

# Vacuum pump silencer



Noise reduction (silencing) device for milking machines with vacuum pump type 200 liters/min.

0886

# 200 I/min vacuum pump vane set

Spare vane set for 200 liters/minute vacuum pump. 4.9 × 43 × 69.85 mm.

0618



# Graphite vanes for vacuum pump

Spare vane set for vacuum pump,  $4.9 \times 43 \times 70$  mm.



# 230 I/min vacuum pump vane set

Spare vane set for 230 liters/minute vacuum pump. 4.9 × 43 × 79.85 mm.

0619



# Graphite vanes for vacuum pump

Spare vane set for vacuum pump,  $4.9 \times 43 \times 79.95$  mm.





## Vacuum tank, 18 liters



Vacuum tank for milking machines, 18 liters.

0888

# Vacuum regulator

Pressure regulator for vacuum tank. Thread: 3/4 inch.



#### Vacuum tank lid

Spare transparent lid for the vacuum tank (Ø165 mm).

0620



# Vacuum tank lid gasket

Spare gasket for sealing the vacuum tank lid.

0621



# Discharge plug for vacuum tank

Quick discharge plug for the vacuum tank of milking machines.

1354



NEW

# Vacuum distributor for milking machines

Plastic vacuum distribution unit for milking machines.



# Long tube for vacuum tank

Special tube for connecting the vacuum tank to the



# Short tube for vacuum tank

Special short tube for connecting the vacuum pump to the vacuum tank.



# Vacuum gauge, 63 mm, 1/4 inch



Vacuum gauge (manometer) for milking machines. Scale: -1...0 bar Connection: 1/4 inch

Diameter: 63 mm

# Vacuum gauge, 100 mm, 1/2 inch



Vacuum gauge (manometer) for milking machines. Scale: -1...0 bar Connection: 1/2 inch Diameter: 100 mm



# Vacuum gauge connector

Special tube for connecting a 1/2 inch vacuum gauge (manometer).

0892



# Vacuum pump oil, Agro Electro

Vacuum pump oil for milking machines.

0625



0626



# Vacuum pump oil, Viscano (Kerbl)

Vacuum pump oil for milking machines.



0751



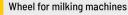
1251



0752







1 liter



Spare wheel for milking machines. Diameter: 250 mm.



# Milk tube cleaning brush

Long brush for cleaning milk tubes.

# 0655

2.2 cm
15 cm
10 cm



Total length	155 cm
Diameter of bristles	1.6 cm
Length of the brushing part	20 cm

# 0994

# Liner cleaning brush

The gradually narrowing bristles fit perfectly with the inner walls of the liner, ensuring efficient cleaning.

\*\*\*\*\*\*\*\*\*\*\*\*\*

Total length	52 cm
Diameter of bristles	1.5-5.5 cm (conic)
Length of the brushing part	24 cm
Handle length	10 cm

# 0656



Total length	40 cm
Diameter of bristles	2-5.8 cm
Length of the brushing part	23 cm

0995

Total length	50 cm
Diameter of bristles	2-6 cm
Length of the brushing part	30 cm

# MCLEAN-B, alkaline detergent for cleaning milking machines



Alkaline pH detergent for cleaning the piping systems of milking machines, milk tanks and automatic feeders. This product is used together with MCLEAN-A.

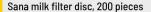
# MCLEAN-A, acidic detergent for cleaning milking machines



Acid pH detergent for cleaning the piping systems of milking machines, milk tanks and automatic feeders.

This product is used together with MCLEAN-B.







Disposable milk filter disc, made of food-safe non-woven polyester fibers. The filter can be used to remove the smallest impurities and deposits from freshly milked milk. The filter is placed in a special milk filter funnel.

The filter is specially designed for food use and it does not alter the taste of the  $\mbox{milk}.$ 

Each pack contains 200 filters.





# **∃**F AGRO ELECTRO

#### Eutra udder lotion

A Swiss medicinal cream containing lanolin and natural care ingredients to maintain the health of the udder and the teats. Regular use increases udder resistance and promotes the production of good quality milk.



# Wet udder cleaning towel



Wet paper towel for cleaning udders before and after milking. Effective and quick cleaning, made of 100% raw cellulose.

The cleaning agent is safe and does not contains ammonium compounds.

800 sheets. in bucket

0663

800 sheets. refill pack

0664



# KerbaMint udder care gel



Peppermint oil gel for teat and udder care. Nourishes affected teats and udders. Healing ingredients keep tissues soft and moisturized. The cooling effect of the product is also appreciated by the animal. Regular use increases udder strength and helps produce good quality milk.







# UPROTECT post-milking udder care gel, 5 kg



Lactic acid based preparation, ensures proper udder hygiene after milking.

The solution forms a protective film on the teats, which protects against infections and accelerates the regeneration of the udder skin.

0902

# Teat catheter, 10 pieces



0810

Plastic teat catheter for dilating the udder. 10 pcs/pack Length: 45 mm



# Dip cup for teat disinfection





Cup for teat disinfection before and after milking. With special valve to prevent the disinfection solution from flowing back into the tank.







Cup for teat disinfection before and after milking.









The cup is intended for disinfecting nipples after milking. It generates a dense foam which increases the contact surface and improves the effectiveness of the disinfection products.









# Feeding bucket for calves, 8 liters



Ideal for feeding calves. The bucket can be hung from the front or rear through the suspension holes. The sloping bottom ensures total milk/water drainage. Embossed measuring scale helps to accurately dose the fill amount.

The package includes teat and valve.



# Feeding bucket for lambs and kids, with 1, 3 or 5 teats, 8 liters



Ideal for feeding lambs and kids. The bucket can be hung from the front or rear through the suspension holes. The sloping bottom ensures total milk/water drainage. Embossed measuring scale helps to accurately dose the fill amount.

The package includes teat, valve and suspension holder.

#### Feeding bucket for lambs and kids with 6 teats of 50 mm, 10 liters



This bucket is ideal for feeding several lambs and kids at the same time, as it comes equipped with six 50 mm teats with valve (included). Fence mountable, easy to clean, sanitize and transport.

It is made of very stable and durable plastic, developed for everyday use.

The embossed measuring scale helps to accurately dose the filling quantity.



# Feeding bucket for lambs and kids with 6 teats of 70 mm, 10 liters



This bucket is ideal for feeding several lambs and kids at the same time, as it comes equipped with six 70 mm teads with valve (included). Fence mountable, easy to clean, sanitize and transport.

It is made of very stable and durable plastic, developed for everyday use.

The embossed measuring scale helps to accurately dose the filling quantity.



# Feeding bucket for lambs and kids, with 6 teats, 8 liters



Ideal for feeding lambs and kids. The bucket can be hung from the front or rear through the suspension holes. The sloping bottom ensures total milk/water drainage. Embossed measuring scale helps to accurately dose the fill amount.

Package includes teat, valve and suspension holder.



# Cover for feeding bucket

Prevents insects and impurities from getting into the milk during storage or feeding.







# Cover for feeding bucket, 10 liters

Prevents insects and impurities from getting into the milk during storage or feeding.

0477





# Spare valve gasket

Spare gasket for feeding bucket vent. Compatible with products 0434 and 0437.





# Valve mounting wrench

Special wrench for mounting feeding bucket valve. Compatible with products 0434 and 0437.

0436





# Metal bracket for feeding bucket

Metallic bracket to replace similar plastic brackets.







## Feeding bucket valve

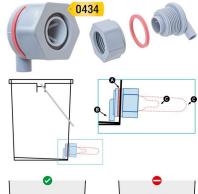
High quality plastic valve, compatible with the following feeding buckets: 0431, 0449, 0450, 0451 and 0475.

The valve has two functions: fitting the teat and ensuring the correct milk flow direction. It has a ball inside which prevents the milk from flowing back into the bucket when the teat is squeezed by the animal, so that the only outlet for the liquid is the tip of the teat.

#### Assembly

The valve is fitted to the bucket taking into account three very important aspects:

- 1. The rubber gasket (A) has to be placed inside the bucket
- 2. The extended suction part B should be towards the bottom of the bucket. This is the only way to ensure total milk consumption!
- 3. The teat is fitted in such a way that, when viewed from the front, @ the cross-shaped cut at the top of the teat forms a . This is the only way to ensure a proper milk flow.







# Super-Clean valve for feeding bucket

The new Super-Clean valve is easy to assemble and clean. It is compatible with the following feeding buckets: 0431, 0449, 0450, 0451 and 0475.

The valve has two functions: to attach the test and to ensure the correct milk flow direction.

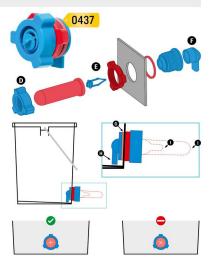
#### Easy cleaning

For quick cleaning, loosen the front nut to remove the teat and the liquid control valve (3. Just remove the suction piece f from the bucket and the valve can be easily cleaned.

#### Assembly

The valve is fitted to the bucket taking into account three very important aspects:

- 1. The rubber gasket (6) has to be mounted inside the bucket.
- 2. The extended suction (1) part should be towards the bottom of the bucket. This is the only way to ensure total milk consumption!
- 3. The teat is fitted in such a way that, when viewed from the front, the cross-shaped cut at the top of the teat forms a . This is the only way to ensure a proper milk flow.



#### Lamb and kid feeding bottle, 500, 1000, 2000 ml

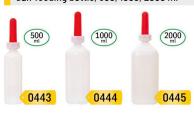


Soft plastic bottle for the administration of milk and/or medicines. The easy-to-read scale helps the accurate dosing.

The bottles are compatible with all types of teats, so can be used for calves as well as lambs and kids, if the right teat is purchased.

The teat for lambs and kids is included.

#### Calf feeding bottle, 500, 1000, 2000 ml



Soft plastic bottle for the administration of milk and/or medicines. The easy-to-read scale helps for accurate dosing. Bottle is compatible with all types of teats, so can be used for calves as well as lambs and kids, if the right teat is purchased.

A teat for calves is included.

#### Calf teat for feeding bucket, conical



The conical rubber calf teat can be used for both feeding buckets and bottles.

The teat is fitted with a crossshaped opening that prevents liquid from dripping, but opens immediately as the calf starts sucking or chewing. Allows slow liquid flow.

#### Calf teat for feeding bottles, cylindrical



The cylindrical rubber calf teat is intended primarily for feeding bottles.

The teat is fitted with a crossshaped opening that prevents liquid from dripping, but opens immediately as the calf starts sucking or chewing. Allows slow liquid flow.

# Lamb and kid teat, 50 mm



The rubber lamb and kid teat can be used for both feeding buckets and bottles. The teat is fitted with a cross-

The teat is fitted with a crossshaped opening that prevents liquid from dipping, but opens immediately as the lamb starts sucking or chewing. Allows slow liquid flow.

#### Correct fitting of teats

When fitting the teat to the bucket, the cross-shaped cut at the top of the teat has to form a nd and not a. If you fit the teat incorrectly, the milk flow rate decreases significantly, which can lead to longer feeding time and increased teat wear.





#### Lamb and kid teat, 70 mm



The rubber lamb and kid teat can be used for feeding buckets.

The teat is fitted with a crossshaped opening that prevents liquid from dripping, but opens immediately as the lamb starts sucking or chewing. Allows slow liquid flow.

The teat is compatible exclusively with the 0452 feeding bucket.

#### Valve for lamb and kid feeding bucket

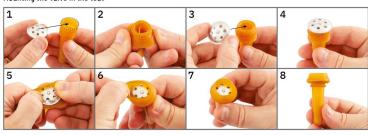




The valve prevents the liquid from flowing back into the bucket. Suitable for lamb and kid teat (product code 0990).

The valve must be placed inside the teat so that the openings of the valve are visible. Follow the steps below to fix the valve

#### Mounting the valve in the teat



# Rubber teat for sheep, PET bottle mount



0749

Soft rubber teat that can be used on PET bottle. The teat is fitted with a cross-shaped opening that prevents liquid from dripping but opens immediately when the lamb starts sucking or chewing. It allows slow milk flow, which ensures a small amount of air can reach the animals' digestive system.

# Lamb and kid feeding bottle, AntiVac

The 450 ml AntiVac Lamb and Rabbit Feeding Bottle is a transparent, graduated container ideal for supplemental feeding of small animals such as lambs, mares, piglets and even puppies of large breed dogs. It is equipped with a durable teat, called AntiVac, which prevents vacuum build-up during suckling, ensuring a constant milk flow and a natural suckling.

## AntiVac teat



0991



#### Calf drencher bottle, 3000 ml, with probe



The high-quality plastic bottle is suitable for liquid therapy and electrolyte treatment of sick and weak calves.

The bottle has a capacity of 3 liters and is equipped with an 80 cm long flexible probe connected to a 50 cm long rigid tube.



## Milk heater for calf feeding



Electric heater with thermostat. For heating and maintaining the temperature of milk before feeding to young animals.

The heater is equipped with a thermostat for pre-settling the desired temperature up to max. 80 °C. The temperature sensor is at the bottom, so it measures the milk temperature directly. The device can be left alone in the milk heating vessel, no need to hold it in your hand.



2300 W

0662



Milk thermometer with alcohol, -10...+110 °C

Suitable for accurately determining the temperature of milk for calves. The thermometer works with alcohol (nontoxic in case of breakage). The thermometer is enclosed in a plastic case for protection.

Boil-proof up to +110 °C.

0438

# Digital milk thermometer,

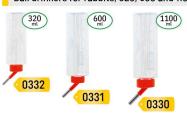
-50...+200 °C

Digital thermometer for measuring the temperature of milk or other liquids and food preparations. Measuring range: -50...+200 °C. Minimum/maximum temperature memory function.

The thermometer is equipped with an LCD display and three buttons – two on the front (ON/ OFF), (MAX/MIN) and one on the back (°C/°F).

0919

#### Ball drinkers for rabbits, 320, 600 and 1100 ml



The transparent plastic drinker ensures optimal hydration of caged rodents – rabbits, chinchillas, guinea pigs, nutria.

The drain tube is resistant to gnawing and is fitted with two balls to prevent leakage, thus preventing water wastage and wetting of the cage substrate. Water drips only when the ball is touched by the animal.

The container is mounted using the attached wire. The drinker can be placed either outside or inside the cage.

#### Drinkers for rabbits, 500 ml, 1000 ml



The drinker is positioned on the outside of the cages, on the bars or wire mesh. Only the tap is inserted into the cage so that the animals do not have direct access to the water container.

It can be easily refilled. Being suspended, it remains clean and free from contamination at all times, protecting rabbits from disease and infection.

Metal clip for fixing included in the package.





#### Drinkers for rabbits, 1000 ml



The drinker is positioned on the outside, only the tap is situated inside the cage, therefore it can be easily refilled. As it is made of transparent plastic, the water level can be easily checked.



#### Poultry drinker, conical



The conical drinker is ideal for watering backyard poultry and for the controlled dosing of special solutions.

It is made of semi-transparent plastic, which allows you to monitor the quantity and quality of water.

To be used at temperatures above freezing.



#### PET bottle drinker



The PET bottle drinker is ideal for watering backyard poultry and for the controlled dosing of special solutions. It consists of two separate, interlocking sections to which any size PET bottle can be attached. Easy to handle and clean, it is stable on a flat surface.

A 2 liter bottle provides enough water for about 12-15 adult hens for one day. For use at temperatures above freezing.

Attention, the product does not include the bottle!

## Poultry drinker with plastic tank, 30 liters



The drinker is ideal for households with many birds (up to 100 adult birds), free-range or backyard. Keeps water clean and uncontaminated due to the closed reservoir. Automatically supplements water: as soon as the bowl under the tank is empty, it automatically refills until the tank is empty.





#### Cast-iron automatic drinker, 2 liters



Self-feeding drinker with nose paddle for cattle, horse, etc. Made of cast iron, volume approx. 2 liters. The drinker is automatically filled with water as soon as the animal presses the metal paddle with its nose, which opens the valve and the water flows through it.

Wall or post-mounted. It is equipped with a replaceable valve. The valve connection is of 1/2 inch.

0274

#### Replacement parts

- A Nose paddle [0274]
- **B** Valve [0281]
- Valve spring [0275]



0281) 😉 🍃

#### Cast-iron automatic drinker, 1.5 liters



Self-feeding drinker with nose paddle for cattle, horses, etc. Made of cast iron, volume approx. 1.5 liters.

The drinker is automatically filled with water as soon as the animal presses the metal paddle with its nose, which opens the valve and the water flows through it.

Wall or post-mounted. It is equipped with a replaceable valve. The valve connection is of 1/2 inch.



**Q** 0233

#### Replacement parts

- A Inox paddle [0230]
- **B** Valve [0235]
- **●** Valve mounting screw [0231]
- Valve gasket, external [0232]
- 3 Valve spring [0233]
- Valve gasket, internal [0234]

#### G51 cast-iron drinker, with tube valve, 1.7 liters



Cast-iron drinker for domestic animals – cattle, horses or small animals. It has a capacity of 1.7 liters and a 1/2 inch automatic replaceable tube valve (1211).

The valve has a brass inner part. By pressing the valve, the water starts flowing immediately.

The drinker can be mounted on a pipe or on a wall.

#### Tube valve for G51 automatic drinker



The tube valve is for the 1.7 liter cast-iron drinker. The valve is activated by touch, and animals quickly learn to open it with their noses.

Made of brass.

Water flow rate: 20 liters/ min (under 5 bar pressure).

#### Inox and cast-iron drinker with tube valve, 5 liters



Automatic inox drinker for farm animals – cattle, horses or other, smaller animals. It has a capacity of 5 liters and a 1/2" with replaceable tube valve (0804).

The stainless steel material of the bowl prevents corrosion of the drinker. The cast-iron body ensures a solid fixing.

The drinker can be mounted on a pipe or wall.

#### Tube valve for 5 liter automatic drinker

Thin in it

The tube valve is for the 5 liter inox/cast-iron drinker. By pressing the valve, the water starts flowing immediately. The valve

has a 1/2" inlet at the top and bottom. The unused inlet can be sealed with a plug.

Made of brass.

Water flow rate: 20 liters/ min (under 5 bar pressure).

#### Cast iron drinker with float, 2 liters





Automatic inox drinker with constant water level, 2.5 liters capacity, with floating valve, for domestic animals: sheep, cattle, horses or small animals.

The stainless steel material prevents corrosion of

The drinker can be mounted on a pipe or on a wall. It has a replaceable valve (0767).

The inlet thread diameter is 1/2".

#### Spare float valve



Automatic valve for drinkers. Can be used for any watering

construction to limit the water level in a tank. Thread diameter: 1/2".

#### Automatic inox drinker, 2.5 liters



Automatic inox drinker with constant water level, 2.5 liters capacity, with floating valve, for domestic animals: sheep, cattle, horses or small animals.

The stainless steel material prevents corrosion of the bowl.

The drinker can be mounted on a pipe or on a wall. It has a replaceable valve (0767).

The inlet thread diameter is 1/2".



## Plastic drinker with float, 5 liters





Thick and extremely durable plastic water basin with a capacity of 5 liters. The constant water level is controlled by an automatic float valve.

Water can be supplied from the side. Depending on the placement of the water source, the automatic valve can be mounted on either side of the water trough.

The bottom of the trough is fitted with a plug for easy cleaning.



#### Plastic drinker with constant level, adjustable, 5-8 liters



Special plastic drinker with constant level, adjustable capacity of 5-8 liters.

The water level is controlled by an automatic float valve (0767).

The water can be supplied from the side. Depending on the position of the water source, the automatic valve can be mounted on either side of the drinker.

The bottom of the bowl is fitted with a plug to facilitate cleaning.



#### Automatic plastic drinker, 2.2 liters



Automatic drinker with a capacity of ~2.2 liters, made of durable plastic, for domestic animals – cows, horses, but also ideal for smaller animals.

Can be mounted on a pipe or a wall. The plastic material prevents damaging of the bowl due to corrosion.

## Adjustable valve for 2.2 liter drinkers



Adjustable valve for automatic drinker. Compatible with 2.2 liter plastic automatic drinker.

The valve is fitted with a metal filter to stop impurities from clogging and blocking the valve. Water flow can

be adjusted in 3 steps between 7.5 and 11 liters/minute at 3 bar water pressure.

## Plastic drinker with constant level, S522, 3 liters



Plastic drinker with constant level, having the capacity of 3 liters.

The water level is controlled by an automatic float valve (1207).

Water can be supplied from the side. Depending on the position of the water source, the automatic valve can be mounted on either sides of the bowl.

The bottom of the drinker is fitted with a plug to facilitate cleaning.

#### Float valve for S522 drinkers



Automatic valve for S522 plastic drinkers with constant level, 3 liters, but can also be used for other types of drinkers with 1/2" inlet. The valve automatically controls the water level using a float.

Body material: plastic.

#### Frost-free double drinker with ball for cattle and horses, 100 liters



Frost-free drinker with two floating balls. Ideal for watering cattle and horses.

Capacity 100 liters, maximum water flow 35 liters/minute.
The tank and lid material are shockproof even in cold weather.

The casing and lid are double-walled and filled with insulating foam to prevent the water from freezing in winter and overheating in summer.

The drinker must be connected to a water pipe. Once connected, it can be fixed to a concrete base with the screws supplied. The filling of the tank is automatic and controlled by an adjustable float valve (0904).

The tank cover can be fixed to the body with 6 screws. The lid is insulated with a foam insulation tape. The tank is fitted with two threaded plugs to facilitate draining and cleaning of the tank.











#### Frost-free ball drinker for cattle and horses, 40 liters



Anti-freeze floating ball freezer. Ideal for watering 10-15 animals (cattle or horses). It has a volume of 40 liters and a water flow of max. 35 liters/minute. The filling of the tank is automatic and controlled by an adjustable float valve (0904).

The tank is double-walled with thick insulation between the walls. In continuous use (continuous water flow) the tank can withstand a minimum temperature of -30 °C.











#### Plastic double drinker with constant level, 58 liters



Special plastic constant-level double drinker with a maximum capacity of 58 liters. The drinker body is reinforced with 4 mm aluminum sheet.

It can be mounted on the wall or on metal pipe structures with a maximum diameter of 50 mm.

Water can be supplied from both the top and the bottom. Connection diameter: 3/4". The water level is controlled by an automatic float valve (0909).











#### Cattle water trough with float and hose connection, 42 liters





1209

The cattle water trough with float and hose connection has a capacity of 42 liters and offers a simple solution for watering pets.

Its fiberglass-reinforced plastic construction makes it durable and the adjustable float, which can be mounted on either side, ensures a constant water level is maintained. A 1/2-inch hose connection is included for quick connection to a garden hose.



#### Piglet nipple drinker 3/4" thread



# Piglet nipple drinker 1/2" thread



Piglet nipple drinker, 3/4" nipple, 1/2" thread

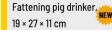


It provides optimal water flow for the animals, reducing water loss. Ideal in livestock production, especially for fattening piglets and sows.

High quality stainless steel drinker with filter.

Piglet drinker,

15 × 21 × 9 cm



Sow drinker. 21 × 29 × 16 cm



1427

1428

1429

Spare valve for pig drinkers





Automatic drinker for pigs.

Has to be mounted vertically on the wall. The water inlet has an internal thread of 1/2 inch size.

The valve opens as soon as the animal touches it and stops immediately after releasing. The bowl retains a small amount of water, so water waste is minimized.

Replacement valve for pig drinkers.

# **∃**F AGRO ELECTRO

#### Spare float valve for frost-free drinkers



Automatic valve for drinkers. It is compatible with the frost-free ball-type drinker, but can be used for any watering trough construction to limit the water

The floating element can be adjusted in height by ± 10 cm.

#### Spare float valve for 58 liter double drinkers



Automatic valve for drinkers, Compatible with the 58 liter plastic double drinker with constant level, but can also be used with any other drinker to control the water level in the tank.

## Float valve in stainless steel housing





The water inlet has a 1/2 inch connection.

The package contains two nozzles, with different openings (Ø2 mm and Ø3.5 mm) that can be mounted depending on the water flow rate.

Universal valve that can be mounted in any water tank or animal watering trough.

The mechanism is protected by a stainless steel casing which incorporates the valve itself and a float to control the water level.



#### Poultry feeder, 5/10 liters



The feeder can be placed directly on the ground, or suspended by means of a thick, sturdy ring at the top. Special slots prevent feed from leaking out, minimizing feed loss. When the feeder is used by hanging, feed spillage is almost impossible so feed losses are close to zero. Suitable for feeding grain feeds (maize, wheat, millet, etc.), ground crops and compound feeds.

The feeder has two filling slots on the top which can be opened or closed by sliding the red protective cover.

#### Poultry feeder, 50 cm



A thick, durable plastic feeder for feeding up to 35 chick-

The feeder can be placed directly on the ground, with cross bars at the bottom to ensure stability and prevent accidental tipping. Suitable for feeding grain feeds (maize, wheat, millet, etc.), ground crops and compound feeds. The grid cover is removable.

The feeder can be easily dismantled for regular cleaning and disinfection.

#### Poultry feeder, galvanized sheet, 50 cm



The galvanized sheet metal feeder is designed for feeding approximately 12 chickens or 8-10 adult hens at a time.

The feeder can be placed directly on the ground and its side legs ensure stability, preventing accidental tipping. It is suitable for feeding grain feeds (maize, wheat, millet, etc.), ground crops and compound feeds. The grid top of the feeder can be lifted up to allow easy filling with forage, regular cleaning and disinfection.

#### Poultry feeder, galvanized sheet, 24 holes, 50 cm



The galvanized sheet metal feeder is designed for feeding approximately 12 chickens or 8-10 adult hens at a time.

The feeder can be placed directly on the ground and its side legs ensure stability, preventing accidental tipping. It is suitable for feeding grain feeds (maize, wheat, millet, etc.), ground crops and compound feeds. The upper part with holes can be removed.

The feeder can be easily disassembled for regular cleaning and disinfection.

#### Poultry feeder, galvanized metal, 100 cm



A thick, durable plastic feeder for feeding up to 35 chickens or 16 adult hens at a time.

The feeder can be placed directly on the ground and its side legs ensure stability, preventing accidental tipping. It is suitable for feeding grain feeds (maize, wheat, millet, etc.), ground crops and compound feeds. The grid top of the feeder can be lifted up to allow easy filling with forage, regular cleaning and disinfection.

#### Poultry feeder, premium plastic, 9/20 liters



A thick, durable plastic feeder for simultaneous feeding of adult poultry.

This type of feeder ensures a continuous supply of feed. The closed container keeps the feed clean and free from contamination. The raised rim of the feeding bowl prevents the feed from spilling on the ground.

The feeder can be placed directly on the ground or suspended.

#### Poultry feeder, galvanized metal, 8/22 liters





Galvanized sheet metal feeder for simultaneous feeding of several adult poultry. Highly resistant to extreme weather conditions, it can be used both indoors and outdoors and does not break.

This type of feeder ensures a continuous supply of feed. The closed tank keeps the feed clean and free from contamination. The raised rim of the bowl prevents the feed from spilling on the ground.









#### Stainless steel bowl for cats



The bowl made of stainless steel is resistant to all environmental conditions, so it can be used both indoors and outdoors.

The rubber ring prevents the bowl from slipping and reduces noise produced by the animal during use. Can be used for both food (wet or dry) and liquids. It is easy to clean, does not alter the taste of the food and does not retain food odor.



#### Stainless steel bowl for dogs



The bowl made of stainless steel is resistant to all environmental conditions, so it can be used both indoors and outdoors.

The rubber ring prevents the bowl from slipping and reduces noise produced by the animal during use. Can be used for both food (wet or dry) and liquids. It is easy to clean, does not alter the taste of the food and does not retain food odor.









#### Set of 2 stainless steel pet bowls, Ø13 cm, 450 ml



Stainless steel bowls for dogs or cats. The two bowls sit stable and firm in the metal frame. Rubber stoppers prevent slipping. The smooth surface of the bowls allows easy removal of food scraps. The bowls are also dishwasher safe. As the product is resistant to all environmental conditions, it can also be used outdoors. Two pets can be fed simultaneously.

#### Rabbit feeder, galvanized metal, 2.2 liters



A self-feeding metal feeder for medium to large rodents (rabbit, chinchilla, nutria) kept in a cage. Refills from the top with significantly more feed than the actual capacity of the tank. Depending on consumption, the tank refills automatically. Can be used for feeding animals with pellets, dry feed, or seed, significantly reduces feed waste. The bottom of the tank has holes to remove dust

Dimensions: 14 × 13 × 23 cm.

or liquids.



#### Rabbit feeder, galvanized metal, 3 liters



A self-feeding metal feeder for medium to large rodents (rabbit, chinchilla, nutria) kept in a cage. Refills from the top with significantly more feed than the actual capacity of the tank. Depending on consumption, the tank refills automatically.

Can be used for feeding animals with pellets, dry feed, or seed, significantly reduces feed waste. The bottom of the tank has holes to remove dust or liquids.

Dimensions: 19 × 13 × 23 cm.



## Feeding bucket for horses, 12 liters



Portable feeding bucket for selective feeding. Especially suitable for individual feeding of horses.

The sturdy webbing strap is attached to the bucket with two metal carabiners, its length can be easily adjusted to the size of the animal.



## Stable and feeding bucket



Robust plastic bucket, ideal for use in animal husbandry, agriculture, construction or household.

It is made of break-resistant material and has a thick wall. It has a solid metal handle for easy transportation and handling. The smooth bottom allows complete drainage for easy cleaning.



#### Plastic feed bowl for cattle, 6 liters







All-purpose container, ideal for farm or pet food. Having a capacity of 6 liters, this bowl is perfect for short-term feed storage. The bowl fits neatly in the collapsible holder or in the ring holder that can be mounted on a wall or on a pole.

The color variations help to keep track of the feeding amounts.

#### Galvanized metal holder frame for feeding buckets





Wall-mounted metallic bracket, **removable**, basically for supporting feeding buckets or feeding bowls.



## Folding bucket holder





Wall-mounted metallic bracket, **foldable**, basically for supporting feeding buckets or bowls.



#### Plastic cattle feeder, 15 liters





42 × 32 × 30 cm

1484

goolor,

Durable plastic feeder, ergonomic design, dark green color, practical and suitable for any livestock feeding area. Available with and without protective edge.

With protective rim

# Sheep feeder, plastic, 6 liters





The 6 liter capacity plastic sheep feeder is a useful accessory for breeders. The container allows easy cleaning to prevent feed contamination. The durable and shock-resistant material makes it suitable for different environmental conditions.

23 × 22 × 21 cm

#### Plastic calf feeder, 9 liters





1485

The plastic calf feeder, with a capacity of 9 liters, is a useful accessory for breeders. It provides a safe way to administer concentrated feed suitable for various animal species, including calves.

The container has a drain plug at the base, allowing easy cleaning and preventing feed contamination.

33 × 33,5 × 28 cm

#### Plastic corner feeder with protective rim, 31 liters





The corner feeder with a capacity of 31 liters is practical for feeding animals. It is made of high-quality plastic, making it durable and hard-wearing. It has a bite-protection edge to prevent damage and loss of food.

The feeder has an attractive appearance and a dark green color, blending perfectly into any livestock space.

60 × 30 × 45 cm

1486

### Plastic feed bowl for cattle, 42 liters





The feeder has a capacity of 42 liters and offers a simple solution for feeding cattle or other domestic animals.

Its fiberglass-reinforced plastic construction makes it durable. It can be mounted by hanging on a wall-type structure (metal frame or plank) 5-6 cm wide. The ergonomic design and compact dimensions make it easy to maintain and clean. The durable and shock-resistant material makes it suitable for different environmental conditions.

The feeder can be mounted by hanging it on a wall-type structure (metallic or plank frame) 5-6 cm wide. The hanging hooks are provided with holes in the upper part, allowing the feeder to be screwed on to prevent accidental detachment by animals.

## Rectangular galvanized steel feeder, 35 liters





The rectangular galvanized steel feed trough is ideal for feeding domestic animals such as cattle and horses. It has a capacity of 35 liters and is extremely durable and hard-wearing.

The pipe structure is also galvanized on the inside, providing long-lasting protection against corrosion.

45 × 34 × 24 cm

#### Galvanized steel corner feeder, 35 liters





The semicircular galvanized steel corner feed trough is ideal for feeding domestic animals such as cattle and horses. It has a capacity of 35 liters and is extremely durable and hard-wearing.

The pipe structure is also galvanized on the inside, providing long-lasting protection against corrosion.

44 × 44 × 24 cm

## Semi-circular galvanized steel feeder, 28 liters





The semicircular galvanized steel feed trough is ideal for feeding domestic animals such as cattle and horses. It has a capacity of 28 liters and is extremely durable and hard-wearing.

The pipe structure is also galvanized on the inside, providing long-lasting protection against corrosion.

55 × 35 × 24 cm

#### Salt lick holder



Extremely sturdy salt lick holder, made of non-toxic plastic, with anti-chewing rim, to hold blocks of up to 10 kg.





# Feed scoop, 0.7 liters



The small dosing scoop is suitable for accurate weighing of the feed. The ergonomic handle allows a comfortable and secure grip.

#### Feed scoop, 1.3 and 2.1 liters



The scoop with inverted handle is ideal for feeding bagged feed. The ergonomic design and rounded ends make it easy to take seeds or feed out of the bag or bucket.





#### Round feeding rack with 8 feeding places





The modular round stall is ideal for feeding cows and horses, providing simultaneous access to feed for animals of different sizes and ages.

It is made of 4 compact elements, easy to assemble and disassemble for easy transportation. Its round design makes it easy to move around the pasture and it can be turned upside down and rolled. The elements can also be used to create feed managers for walls or corners.

Can be loaded manually or from the top with a front loader.

# Round feeding rack with 12 feeding places

The modular round stall is ideal for feeding cows and horses, providing simultaneous access to feed for animals of different sizes and ages. It can be loaded manually or from the top with a front loader.

The stall is made of 3 compact elements, easy to assemble and disassemble for easy transportation.





1268

#### Cattle clippers, Aesculap Econom NOVA CL



The machine is equipped with a 21/23 knife set, i.e. the lower one contains 23 teeth and the upper one 21 teeth. This pair of knives is suitable for relatively dirty fur as well as for dry and clean fur.

The battery has a 5 LED test button. By pressing the button you can check the battery charge level in 25% steps.







#### Accessories

- · Battery charger.
- · Spare battery.
- Bottle with special trimmer oil, 90 ml.
- Combination flat screwdriver for changing knives.
- · User manual.

# Sheep clipper machine, Aesculap Econom NOVA CL



The appliance is equipped with a set of 13/4 knives, i.e. the lower set contains 13 teeth and the upper set contains 4 teeth. This pair of knives is suitable for animals with dense fur.

The battery has a 5 LED test button. By pressing the button you can check the battery charge level in 25% steps.







#### Accessories

- · Battery charger.
- Flat screwdriver for changing knives.
- · Oil bottle for maintenance, 90 ml.
- · User manual.

#### Constanta4 sheep clipper, 13/4 teeth, 230 V





The clipper is equipped with a 13/4 tooth blade set, i.e. the lower blade has 13 teeth and the upper one 4. This pair of blades is suitable for trimming animals with thick fur (e.g. sheep).

Thanks to the 230 V power supply, the clipper can be used continuously, allowing you to trim many animals over a long period of time.



#### Accessories

- · Special clipper oil, 100 ml.
- Combined flat + cross screwdriver for blade replacement and machine maintenance.
- · One set of spare carbon brushes.
- · Instruction manual.



Clipper blade set, 21/23



0681



Wellington clipper blade set, 13/4



0687



Upper blade for Constanta4 clipper, 4 teeth

0684



Upper blade for Wellington clipper, 4 teeth

0688



Clipper blade set, 31/15

0682



& Premium 31

Constanta4 clipper blade set, 13/4



Lower blade for Constanta4 clipper, 13 teeth



Lower blade for Wellington clipper, 13 teeth



Curved bottom blade with 13 teeth, Wellington



#### Oil for clippers

Oil for lubrication and cleaning of animal clipper blades.



## Cooling spray for clippers

Cooling and cleaning spray for clipper blades to prevent overheating and blade damage.



#### Wire saw handle set

Metal handle set for wire saw – recommended especially for dehorning adult cattle.



#### Cooling and lubricating spray for clippers

Cooling, lubricating and cleaning spray for clipper blades to prevent overheating and blade damage.



#### Sheep shear

Special multi-purpose shear with professionally ground blades – can be used for shearing sheep as well as cattle, horses or dogs.



It is also a useful tool for gardening as it can be used for trimming grass, plants or cutting weeds.

#### Steel wire for wire saw

Spare saw wire – mainly for dehorning adult cattle, but also suitable for a wide range of other soft materials.



#### Electric dehorner with 18 mm tip

Electric dehorner for removing the horns of small animals (calves, lambs or kids). Package includes 18 mm tip, suitable for calves.



#### Hornstick

The hornstick is made from potassium hydroxide which acts to destroy horn cells in calves or lambs and prevents horn growth.



#### Hoof and claw cutter for cows

Double jointed hoof and claw cutter, suitable for cows, horses, donkeys. Equipped with adjustment screw and replaceable blades.



#### Dehorner burning tip

Dehorning tip for electric dehorner. The 18 mm tip is suitable for calves and the 15 mm tip for lambs and kids.



## IceCool cooling spray

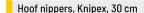
Cooling spray for cold shock treatment in preparation for dehorning.



#### Set of spare blades for hoof cutters

The set contains 2 steel blades and 6 screws for the transmission hoof cutter.







# Hoof nippers, 36 cm

1556

Hoof maintenance and shoeing nippers.



Knipex hoof maintenance and shoeing nippers.



# Hoof trimmers, serrated blade

# Hoof trimmers, straight blade

Sturdy hoof trimmers for therapeutic and prophylactic treatment of farm animals. Especially recommended for sheep and goats.

Sturdy hoof trimmers for therapeutic and prophylactic treatment of farm animals.





## Single-edged hoof and claw knife

Single-edged steel knife for the hoofs of sheep, goats and horses. For the left hand.

# Single-edged hoof and claw knife

Single-edged steel knife for the hoofs of sheep, goats and horses. For the right hand.





# Double-edged hoof and claw knife

**Double-edged** steel knife for the hoofs of sheep, goats and horses.





A hoof rasp for maintaining the health of domestic animals' hooves.



#### Hoof abrasive disc, 115 mm

Standard abrasive disc made of turned steel with hard metal parts, medium roughness. Grain on both sides.



#### Abrasive disc with 3 blades



Grinding disk with 3 knives for sanding hooves of farm animals.



#### Hoof abrasive disc, 125 mm

Standard abrasive disc made of turned steel with hard metal parts, medium roughness.



#### Abrasive disc with 6 blades



Grinding disk with 6 knives for sanding hooves of farm animals.



# Replacement blade set for hoof grinding disc, 3 pcs





The set contains three spare knives for the 3- or 6-knife hoof sanding wheels. The set also contains the screws for fixing the knives.

These knives have two cutting profiles, which allows them to be rotated after wear. When both profiles are worn, the knives must be replaced.

## Wooden block hoof pad for cows









#### Hoof treatment kit, Technobase 8000

For 4 treatments

1420





# For 14 treatments 1252 TECHNOBASE 8000 ENGAGE A CONTROL OF THE PROPERTY OF

#### **Package contents**

- · 4 wooden dentures, size XL.
- · Polymer powder, 320 g.
- · Liquid monomer, 160 ml.
- One 50 milliliter plastic cup for precise monomer administration.
- · 4 paper cups for mixing powder + liquid.
- · 4 wooden spatulas for mixing and application.

## Package contents

- · 14 wooden dentures, normal size.
- · Polymer powder, 1000 g.
- · Liquid monomer, 500 ml.
- One 50 milliliter plastic cup for precise monomer administration.
- · 14 paper cups for mixing powder + liquid.
- · 14 wooden spatulas for mixing and application.

#### Technovit-2-Bond two-component adhesive

# Mixing tips for two-component adhesive









THE REAL PROPERTY.

Mixing tip for Technovit-2-Bond two-component adhesive, set of 10 pieces. Designed for uniform mixing of the two components. Singleuse – adhesive hardens in the tip after use.

#### Dispenser gun for 160 ml two-component adhesive cartridge





Dosing mechanism for 2-component, 160-milliliter type adhesive for hoof treatments.

This device facilitates precise adhesive delivery, ensuring correct and efficient application. It simplifies adhesive use, eliminating the need for mixing and reducing waste. The adhesive remaining in the cartridge can be used further (for a short time).

#### Hoof oil, MagicBrush





MagicBrush hoof oil is a product for the care and protection of horse hooves. It is enriched with high quality oils such as laurel, avocado and macadamia, which deeply nourish the hoof, Regular use ensures healthy and flexible hooves.

#### Hoof oil with vitamin E and brush NEW

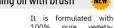




The formula, enriched with natural oils such rapeseed. avocado, thyme, wintergreen and eucalyptus. together with vitamin E, provides a nourishing and regenerating effect. This product is ideal for daily hoof care, helping to stabilize and increase the elasticity of hooves, preventing drying and cracking.

#### Hoof hardening oil with brush







100% pure vegetable oils such as avocado, jojoba, sesame and orange oils, along with marigold extract. The oil penetrates quickly into the keratinous structure of the hoof withclogging pores. Daily use helps prevent inflammation, promotes healthy hoof growth and prevents damage.

# Hoof grease, MagicBrush, yellow NEW







MagicBrush's vellow MagicBrush Hoof Grease is formulated with plant oils, natural waxes and bay extract. providing complete protection for your horse's hooves. The product prevents hoof dryness and leaves hooves looking groomed and healthy.

# Hoof grease, Pharmakas







#### Hoof and Claw spray







Black film-forming and oil-containing Specially developed for the care of hooves. claws and other horny tissues. It forms a protective film that guards against moisture and other damaging factors such as urine or manure.



1469

## Hoof balm, Pharmakas

1471



1470





This hoof ointment is an essential care product for hoof health, helping to prevent dry and cracked hooves.

Its high quality formula, enriched with natural ingredients such as propolis, helps to strengthen and maintain the elasticity of the hoof, providing effective protection against dryness and brittleness.

Applied daily, it supports the natural regeneration of the hoof and stimulates healthy horn growth.

#### Anti-inflammatory gel for horses, Eimermacher



#### 0750



Anti-inflammatory gel balm for tendons and joints of horses with herbal extracts. The gel cools and relaxes, refreshes and vitalizes muscles after stress and fatigue. Activates overworked muscles, tendons and joints.

# 1418







#### Horse balm, Pharmakas



The massage balm is mainly intended horses. It is a refreshing and relaxing gel that helps stimulate blood circulation in the muscles, providing an effective massage for tendons, muscles and joints. The balm contains natural ingredients such as menthol, peppermint oil, eucalyptus and arnica. with a refreshing and soothing effect.





# Clay gel for horses, Pharmakas Tonerde

1458



tendons, cles and intense e It helps to tension, t inate m ucts that

Special gel for the relaxation and regeneration of tendons, ligaments, muscles and hip joints after intense efforts.

It helps to reduce muscle tension, to quickly eliminate metabolic products that cause muscle fever and to accelerate the regeneration process in case of strains or inflammation.

#### Garlic powder against insects



#### Beech tar paste, TarPaste



1476



Garlic powder is a natural food supplement, recommended for supporting the health of horses and protection against insects.

The product contains 100% dried garlic, providing multiple benefits such as boosting the immune system, supporting metabolism and digestion, as well as acting as a natural repellent against flies, mosquitoes and ticks.

#### 1412



Paste made from special beech tar, a natural product known for its antiseptic and anti-inflammatory properties, also an attractant for wild boar and red deer.

The high viscosity of the paste makes it suitable to remain applied to the hooves, protecting and facilitating healing of the affected area

### Insect repellent spray, Pharmakas CLAC





The spray contains Icaridin, an active ingredient designed to repel insects such as flies, horseflies and ticks.

This product comes as a spray with a specially designed sprayer head with a silent mechanism to avoid scaring horses.

Its formula works immediately after application and provides optimal protection for horses, especially those that sweat profusely or have sensitive skin.





# Insect repellent gel, Pharmakas CLAC





1475



The gel contains Icaridin, active ingredient designed to repel insects such as flies, horseflies and ticks. It works immediately after application and is suitable for horses, especially those sweat profusely or have sensitive skin. The gel should be applied directly to the exposed areas of the animal, including sensitive areas, using the included sponge.



#### Horse shampoo, Dermocan



The gentle shampoo, specially designed for horses, helps to remove dust, dirt, sweat from the horse's mane.

Helps regeneration and growth of coat and mane. Its special formula respects the pH of the skin, ensures gentle cleansing, detangles the coat, leaving it shiny.

The product contains ceratin, aloe vera extract and argan oil.



#### Leather soap, Pharmakas



The Pharmakas soap with glycerine is ideal for intensive cleansing of all leather products. It creates a protective layer that keeps the leather soft and supple even after frequent use.

For best results rub the soap into the leather with a soft damp brush or sponge using lukewarm water.



1465



# Leather grease, Pharmakas



Intensive care grease for the intensive care of all smooth leather articles, giving them waterproofness and durability. It is ideal for saddles, harnesses and other equestrian accessories, but also for shoes, wallets or other leather items.

It is perfect for both professional and recreational riders and leather lovers



#### Leather oil, Pharmakas



Leather care oil to provide protection and basic care to smooth leather, keeping it supple, waterproof and durable without leaving residue. Ideal for saddles. bridles and other leather products.

The oil has a fast-absorbing formula that leaves no residue, deeply caring for the leather and keeping it looking its best.



#### Leather cream with beeswax, Pharmakas







#### Leather oil with beeswax, Pharmakas



The beeswax skin oil moisturizes and protects the skin, preventing dryness, cracking and damage, while providing a waterproofing effect and keeping the leather soft and supple. The oil is absorbed quickly without leaving any residue, ensuring well-maintained, water and dirt resistant leather. The product is suitable for all smooth leather types.

#### Hair shine spray, Pharmakas Foxfire

500



Hair and coat care spray for pets' fur and hair, making it denser, smoother and easier to comb.

The spray contains organic ingredients such as argan oil, keratin and biotin, which help to improve the quality of the hair, making it denser, stronger and smoother. After use, hair becomes easy to comb.



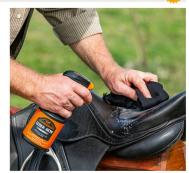




The 2-in-1 spray combines deep cleaning and leather care in one product.

It is effective against dirt, grease and perspiration and is ideal for the care of riding boots, bridles and saddles, useful both on tour and for daily use in the stable.

Being grease-free, it leaves no stains or residue on clothes, ensuring safe and practical use.



#### Metal curry comb for horses

Serrated metal brush for cleaning the skin and hair of cattle and horses.



#### Metal curry comb for cows and horses

Serrated metal brush for cleaning the skin and hair of cattle and horses.



#### Spiral metal curry comb for horses

Round spiral metal brush for cleaning the skin and hair of cattle and horses.



#### Metal curry comb with mane comb

Serrated metal brush with mane comb for cleaning the skin and mane of horses.



#### Scrubbing brush



#### Brass and nylon bristle brush

Rough cleaning brush made of moisture-resistant plastic, suitable for wet and dry cleaning.

This brush with lacquered wood backing is equipped with 9 rows of bristles, 2 nylon on the outside and 7 metallic on the inside.





#### Spring-loaded cow scratching brush



0762



Spring-loaded construction with two replaceable nylon brushes with wooden top. Special nylon brushes ensure ideal cleaning and care of the coat. The sturdy brush structure guarantees high user comfort. The brushes are mounted on a spring and bend flexibly in all directions, so they are effective for animals of different sizes. Cows have constant access to the brush, they can relieve itching and skin burns at any time, which improves animal welfare.

The size of the brushes: 10 × 50 cm.



#### Calf blanket



The calf blanket protects the calf from rain and cold, keeping body temperature constant. It is made of warm, synthetic material with an insulating, breathable and hard-wearing layer. Machine washable at max. 30 °C.



#### Neoprene calf blanket



The blanket protects the calf from rain and cold, keeping body temperature constant. It is made of quick-drying polyester fabric with 2.5 mm neoprene inner insulation. Machine washable at max. 30 °C.





#### Infrared heat bulb holder



Infrared heat bulb holder for domestic animal shelters.

The holder consists of an aluminum cone (heat reflector) and adjustable length suspension chain (maximum length = 2 m). The holder hangs at a height of min. 60 cm from chickens, piglets, quail, etc.

The holder has a safety grid to protect the bulb (heat source). The power supply cable is 2.5 meters long, long enough to power the assembly from a significant distance.

Bulb socket type: E27 (normal threaded bulb).

Suspension chain length: 2 m.

Power supply cable length: 2.5 m.





#### Infrared heat bulb holder with power switch



Infrared heat bulb holder for domestic animal shelters.

The holder has a power switch with 2 positions – in position 1 the system operates at half power, in position 2 at full power.

Power switch



Mounting the grid





#### Infrared heat bulb

Heat bulb with infrared light source, suitable for heating livestock rearing shelters.

The infrared light is suitable for heating small animals – chickens, poultry, piglets, lambs, etc. rearing shelters. It is a safe source of heat without fire hazard.

Apart from animal husbandry, the bulb is also suitable for keeping fresh food warm.

# PHILIPS | 150 W | 0337





deLux

#### Veterinary gloves, long, 100 pcs.

Disposable long veterinary gloves made of transparent polyethylene, orange, 100 pcs./box.



### Lubricating gel, VetGel



It is recommended for veterinarians for professional use. It effectively protects the skin during rectal and vaginal examinations. The formula of the preparation is harmless to spermatozoa, which allows its use during artificial inseminations (except for boars).

#### Long veterinary gloves, shoulder protection

Long veterinary gloves with shoulder protection, polyethylene, transparent, green, 50 pcs/box.



#### Blue disinfection spray

The product is suitable for the care of wounded skin of animals. It contains dexpanthenol and oregano oil. Does not contain antibiotics.

Spray Powder - for sensitive skin NEW





#### Wound care spray



Spray to accelerate the natural healing process of superficial wounds and skin lesions in animals.

Its formula with peppermint oil and allantoin helps to dry wounds quickly and accelerates the self-healing process. The affected skin remains velvety soft and itching during healing is reduced. The protective film formed prevents the wound from reopening, allowing complete healing.

## 1416



Powder spray for the natural regeneration of animal skin and fur, helping to maintain health and shine, also for the protection and care of sensitive skin.

The special powder in the composition quickly dries the wet skin surface. Does not contain antibiotics.

Suitable for both pets and farm animals.

#### Silver spray for minor wounds



#### Zinc oxide spray - skin regeneration NEW

200





(aluminum) for the protection of minor wounds, minor accidents or post-operative injuries. helping to dermitize the affected skin.

The spray is useful for minor wounds, minor accidents or post-operative injuries, helping to dermitize and protect the affected skin.

## 1414

Zinc oxide spray - spray ointment to facilitate the natural regeneration of animal skin. The spray protects the skin against dehydration, smoothing the dry and cracked skin. It works like a balm dressing, keeping the skin supple and providing an excellent caring effect, thus supporting the natural regeneration processes of the skin.

#### Boar scent spray









This preparation comes to the aid of farmers and breeders who need help to determine the optimal time to inseminate sows.

It contains natural boar pheromones that induce and increase estrus in sows

It can also be used to increase libido of reluctant boars.

#### adOPT lamb adoption spray



The spray containing aromatic oils neutralizes the natural smell of sheep and lambs to help the ewe/goat accept the strange lamb/kid. The scientific blend of aromatic oils is designed to mask the natural odor of the baby animal to be adopted. suppress the ewe's sense of smell and reduce her natural instinct to reject the lamb.

### No Fight anti-aggression spray



This preparation is excellent against cannibalism and excessive aggression in the herd. It is useful in keeping poultry, pigs and wild animals: pheasants, partridges, etc. The preparation neutralizes the smell in the animal room, thus calming the animals. Noticeable improvement and lack of aggression usually occurs after 2-3 days.

## **∃**F AGRO ELECTRO

#### No Bite anti-cannibalism spray

#### 0737



Prevents animal balism: biting and nibbling among piglets and other farm animals, which in overcrowded or deteriorated living conditions show mutual aggression.

The preparation is used in livestock units by direct spraying on the animals. It produces lasting changes in the olfactory stimuli of pigs.

#### Animeter measuring tape, 2.5 m

Measuring device for measuring the circumference of animals (pigs, cattle) in centimeters and estimating their live weight in kilograms.



#### Calf weaning nose rings

Weaning rings for cattle. Super elastic material with high UV resistance. With adjustment screw.



For calves and young cattle

0865

For young and adult cattle



For adult cattle







Calf weaning nose rings, aluminum



Aluminum weaning rings for young and adult calves. Length: 14.5 cm.



#### Ruminal magnet introducer

The device allows easy insertion of ruminal magnets into the digestive tract of cows. Made of stainless steel with plastic handle. Easy to use with one hand.

#### Ruminal magnet

Magnet for the prevention of internal injuries caused by metal objects accidentally present in the feed, and thus entering the digestive system of cows.



#### Stainless steel calf puller

A veterinary instrument particularly suitable for difficult and complicated deliveries. Made of stainless steel, with two curved arms at the end that fit around the calf's head so it can be pulled out of the mother's birth canal.

The use of this device is standard veterinary practice and helps to minimize birth stress for both the newborn and the mother.



#### Veterinary trocar



Stainless steel veterinary instrument for abdominal perforation in ruminants, cattle, sheep, in case of bloat.



#### Bloodless castrator for lambs

Precise veterinary instrument for bloodless castration of sheep and goats. Can be used for bloodless crushing of the vas deferens. Simply squeeze it for 20 seconds to freeze it.

#### Castration forceps for pigs

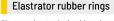
Stainless steel castration forceps for piglets. The special design of the cutting blade crushes blood vessels and spermatic cords. The tweezers are designed for piglets weighing up to 35 kg.



## 0735

#### Elastrator pliers

The tool can be used for quick and easy application of the castrating (elastrator) rubber rings.



Elastator (castrating) rubber rings, for bloodless castration of various domestic animals.





#### Bloodless castrator for bulls and horses

Precise veterinary instrument for bloodless castration of bulls and horses. It can be used for bloodless crushing of the vas deferens.

The bloodless castration method can also be used in adult animals, but the best results are always obtained in young animals. From a practical point of view, this is the best method of castration, as the clamps do not leave large open wounds.



#### Bull holder with coil spring

A device for immobilizing and guiding cattle.

Made of nickel-plated cast iron.



#### HARMS adjustable bull holder

A device for immobilizing and guiding cattle.

Made of stainless steel.



#### Bull holder with rope

A device for immobilizing and guiding cattle. Made of nickel-plated steel. Rope: 1.7 m.





#### Nose ring applicator

Nose ring insertion pliers for cattle. Suitable for rings with an inner diameter of 52-54 mm (outer diameter ~70 mm).



#### Nose ring for cattle

Nickel-plated nose ring for cattle (calves, cows, bulls), with screw lock. Inner diameter: 54 mm.



#### Nose ring pliers for pigs, large

Galvanized steel tweezers for applying nose rings to pigs.



#### Pig nose ring



Ring nose for pig manure with locking mechanism.





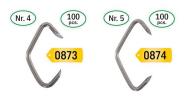
#### Nose ring applicator for pigs

Galvanized steel ers with a robust structure for applying wire nose rings.



#### Pig nose clips, 100 pcs.

Steel wire nose ring for pigs. The nose rings are inserted using the pig nose ring applicator.



#### Cow tail clip

The cow tail clip prevents the animal's tail from moving or wagging during grooming, treatment or milking.



#### Cow immobilizer

When positioned correctly, it can prevent the animal from kicking during milking. It is manually adjustable for different sizes using the side holes and stop bolt: allows ergonomic lengthening and prevents accidental opening.



#### Adjustable cow lifting frame



Max. 800 kg

#### Cow tail holder, 3 pcs.

Tail holder to prevent cows from getting dirty. Package contains 3 holders.



#### Leg restraint for cattle

The belt is designed to provide comfort for the animal and includes a soft padding that minimizes discomfort and prevents injury. It also helps cows stand up more easily after calving.



Simple cattle lifting device. The width of the device can be adjusted to the size of the animal. After fixing the device to the animal's pelvis, lifting can be carried out, for example with a forklift.



#### AniShock PRO 2500 prodder



#### 0785



High voltage electric prod for animals. Maximum voltage = 6000 V.

Emits a high-frequency sound when switched on for a psychological effect on animals. Electric shock is produced only when the animal is touched.

Ni-Cd accumulator operated. Dirt and moisture resistant (IP45), washable with water. Break-proof polycarbonate rod.

The package includes a special mains adapter for charging.

#### Technical specifications

Maximum voltage	6000 V
Acumulator	Ni-Cd, 1800 mAh
Total length	95 cm
Rod length	71 cm



#### Electric prod, AniShock Comfy





1391

(70 cm)

High voltage electric prod for animals. Maximum voltage = 6000 V.

Emits a high-frequency sound when switched on, for a psychological effect on animals. Electric shock is produced only when the animal is touched.

Powered by Li-ion battery. Dirt and moisture resistant (IP45), washable with water. Break-proof polycarbonate rod.

The package includes a 5 V/1 A USB-A universal mains adapter and a 8.4 V voltage booster cable.

#### Technical specifications

Maximum voltage	6000 V
Acumulator	Li-ion, 2600 mAh
Total length	94 cm
Rod length	70 cm



#### Pig holder

Taming bar for guiding pigs or boars. The long, rubber coated handle allows you to guide even a strong and vicious animal with confidence. A practical mechanism automatically locks the possibility of slack in the rope, so the rope remains tight until the operator releases the lock.



#### Blitz Kerner stunner



#### Red cartridges for stunning gun, MaxxTech

Stunning gun cartridge for large animals (horses, cattle and adult bulls).



#### Red cartridges for stunning gun

Stunning gun cartridge for large animals (horses, cattle and adult bulls).



#### Yellow cartridges for stunning gun

Stunning gun cartridge for medium animals (sheep and goat, medium sized calves and pigs).



#### Blue cartridges for stunning gun

Stunning gun cartridge for medium to large animals (large pigs, young cows and bulls).



#### Green cartridges for stunning gun

Stunning gun cartridge for small animals (piglets, lambs, kids, calves).



#### Synthetic collar for cows and bulls



The collar is made of comfortable synthetic material. It is very stable, with a double row of holes, leather-reinforced, adjustable in 11 positions and fitted with a D-ring.

> Collar length: 150 cm Strap width: 5 cm

#### Cow neck strap



A universal calf and cow neck strap made of high-quality nylon with a D-ring. The metal parts are galvanized, protecting the against corrosion.

> Collar length: 85 cm Strap width: 4 cm

#### Universal cattle collar with chain



Leather-reinforced universal cattle collar. Made of high quality nylon, equipped with single chain, rotating carabiner and ring.

The metal parts are galvanized.

> Collar length: 100 cm Collar width: 4 cm Chain length: 60 cm

#### Halters for calves



The collar is reinforced with leather for durability and strength. The adjustable buckle makes it easy to adjust to the animal's head. The metal parts are galvanized.

0903

Head strap length: 55 cm Collar width: 4 cm

#### Halters for cattle



Comfortable halter made of synthetic material with leather reinforcement. Head and nose strap adjustable in 6 positions.

0366

Head strap length: 100-120 cm Nose strap length: 23-30 cm Collar width: 4 cm

#### Halters for cattle, with chain



Comfortable halter made of synthetic material with leather reinforcement and adjustable chain. Head strap adjustable in 6 positions.

0367

Head strap length: 100-120 cm Chain length: 35 cm Collar width: 4 cm

#### Halter for sheep and rams



Durable and comfortable halter made of synthetic material for sheep and rams. The metal buckle on the head can be adjusted to the desired size so that it can be used with animals of different sizes and breeds.

0988

Strap width: 2 cm Diameter at head: ~60 cm Diameter at the nose: ~44 cm

#### Halter for cows and bulls





Universal halter, made of durable and comfortable synthetic material. The metal parts and buckles are galvanized.



Strap width: 2.5 cm Large diameter (back): 94-104 cm Small diameter (front): 62-72 cm



## **∃**F AGRO ELECTRO

#### Cow chain, Ø5, Ø6, Ø7 mm

The chain is fitted with T-stops and rings for diameter adjustment. It is also fitted with a rotator that allows the animal to move for long periods without twisting or shortening the chain.



Link thickness	5 mm
Suspension chain length	80 cm
Collars	65 + 65 cm



Link thickness	6 mm
Suspension chain length	80 cm
Collars	60 + 60 cm



Link thickness	7 mm
Suspension chain length	85 cm
Collars	70 + 70 cm

#### Cow chain with carabiner, Ø4, Ø5, Ø6 mm

Cow chain with carabiners for cattle. The chain is fitted with a 9 cm diameter ring at one end and a 10 cm carabiner at the other.



Link thickness	4 mm
Chain length	5 m

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Link thickness	5 mm
Chain length	5 m

Ø6	0364
0	
0	

0	
Link thickness	6 mm

Link thickness	6 mm
Chain length	5 m

#### Rotating ring for chain, Ø6 mm

The combination of rotating rings allows the rings to rotate around the shaft, preventing the chain or rope from twisting.



Link thickness	6 mm
Ring diameter	4.5 and 5 cm

#### Sheep catching hook, without handle



The shepherd's hook, an essential animal management tool. Delivered without shank.

The aluminum material ensures corrosion resistance.

#### Sheep marking spray







High quality, fast drying, intensely colored spray for temporary marking of sheep. After shearing, the dye can be easily removed from the wool.

Alcohol based.



#### TopMarker marking spray for cows, pigs and goats

0700





0699





0701





A high quality, fast dryintensely colored spray for temporary marking of cows, sheep, goats and pigs.

Alcohol based.



#### Short-term animal marking pen



0706

0707

0708

0709

0710

0705















Animal marking pen for short-term marking of cattle, pigs or sheep. Intense color with high opacity.

Wax and paraffin oil based.

60 ml

#### Ear tag pliers for FlexoPlus and MultiFlex

Professional pliers for inserting FlexoPlus and MultiFlex eartags.



#### FlexoPlus ear tags for cattle

Set of yellow ear tags for cattle.



#### Ear tag pliers for Prima-Flex

Professional pliers for inserting Prima-Flex ear tags.



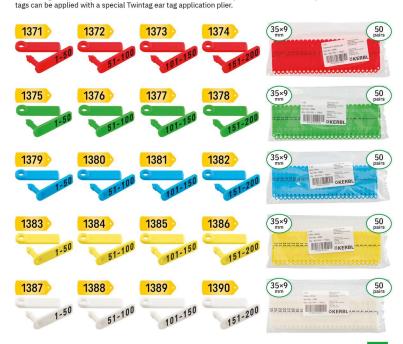
#### Prima-Flex ear tags for sheep

Prima-Flex plastic ear tags, especially for sheep. Each pack contains 25 pairs.





## Each pack contains 50 ear tags, numbered in groups of 1-50, 51-100, 101-150 and 151-200, each series and each color being a separate product. The numbers are debossed, so they can be read even if the paint rubs off. The ear



#### Marking harness for sheep breeding



Harness for rams for the purpose of marking the shearling of ewes. It is fixed to the front of the ram's chest and torso.



#### Wax block for sheep breeding marking



Waxy block for easy identification of breeding ewes. The block is mounted on a special harness on the ram and marks the mated animal.



#### Wettschliff scythe, without handle

Standard scythe, hand-forged, oil-hardened, polished and grinded. The surface is coated with anti-rust paint.

#### Holstein shovel, without handle

The shovel is made of hardened steel, painted red. Durable and easy to use.





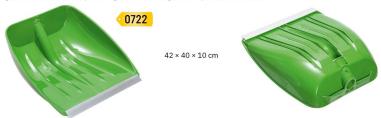
#### Aluminum shovel, without handle

Lightweight and stable shovel made of aluminum with galvanized steel edge. The profiled shape allows you to load more material on the shovel and prevents material from spilling during use.



#### Snow and grain shovel, without handle

Lightweight and stable shovel made of durable plastic, reinforced with an aluminum profile. It has folded edges, so grain or snow does not spill during use. UV and negative temperature resistant.



## **∃**F AGRO ELECTRO

#### Hay and manure fork, without handle

The fork is forged, made of one piece of material and hardened. Available without handle.







#### Silo fork, without handle



The fork is forged, made of one piece of material and hardened, Suitable for silage, loading hay bales or cleaning stalls.

#### The fork is forged by hand from a single piece of material and is hardened. Suitable for laying straw and bales.



#### Potato fork with 9 tines, without handle



The fork is forged by hand from a single piece of material and is hardened. It is suitable for harvesting potatoes. The ball points prevent the potatoes from crushing.

#### Hay and manure fork, with handle

The fork is forged by hand from a single piece of material and hardened. The curved tail is made of ash wood and is waxed. Handle length: 135 cm.



#### Bended handle for tools (shovel, fork)

Bended handle for various tools – shovel, fork, etc. Made of ash wood, shock-resistant. The handle has a conical profile at that end which fits into the tool.



#### Box rake

A straight manure scraper and rake in one, made of fibreglass plastic, with a wide range of uses. The straight, scraper side is suitable for removing manure and animal droppings, while the rake is suitable for litter removal and stable cleaning.

#### Muck and slurry pusher

Powder-coted steel straight scraper for removing manure and excrement. Equipped with a replaceable ammonia-resistant rubber blade.





#### Muck and slurry pusher, half-round

Powder-coted steel half-round scraper for removing manure and excrement. Equipped with a replaceable ammonia-resistant rubber blade.

The rubber blade contains mesh inserts that guarantee a high level of flexibility and prevent fractures and cracks.





#### Wooden back broom without handle

Wooden backed broom for large surfaces with red elastane bristles. The handle holder is fastened with screws. Delivered without handle.



#### Broom handle

Shock-resistant broomstick made of poplar wood. With rounded end.

0731



#### Boot cleaner



#### Fly catcher adhesive paper tape NEW



Sticky sticky trap tape to catch flies and other flying insects.





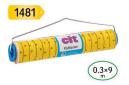
#### Fly catcher adhesive paper roll

Adhesive paper for catching flies and flying insects in the stable.



#### Fly catcher adhesive paper roll

Adhesive paper on a roll, against flies and flying insects in the stable.







Replacement tube for EcoKill 2.0 NEW

#### Electric fly trap, EcoKill LED 2.0 NEW







1487



Electric trap with UVA LED lamp for catching flies and other flying insects. It is intended for use in spaces up to 150 m<sup>2</sup>.

Replacement tube for EcoKill LED electric insect trap.

#### Mouse trap set with wooden base

Mouse traps made of high quality wood and steel.





#### mouseStop mouse trap set with bait

Hard plastic spring-loaded mouse traps with bait.





#### ratStop rat trap with bait

Hard plastic rat trap with bait.





#### Gilmour water spray gun

Water spray gun, suitable for hot and cold water.





#### Rain gauge, 40 liters/m²

Rain gauge for small amounts of precipitation.





#### Replacement bait tongue for mouseStop

Pack of 6 replacement tongues for mouseStop mouse trap.



#### Replacement bait tongue for ratStop

Pack of 3 replacement tongues for ratStop rat trap.



#### Spray grip

Handle for comfortable application of sprays.



#### Chainsaw lubricating oil, Viscano NEW

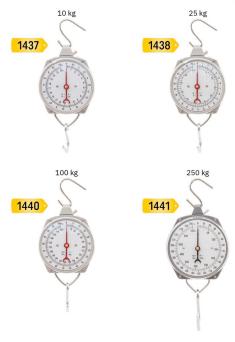


Special lubricating oil for chainsaw bar and chain, having a viscosity suitable for both summer and winter use. There is a short movable tube under the plug to facilitate the pouring of the oil.

#### Premium hanging scale







Premium, robust and accurate hanging scale. It is ideal for professional uses, such as feed control, food measuring or suspended objects.

It has a robust, generously sized, high quality spring mechanism built into a solid metal housing.

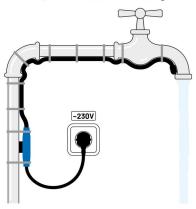
Before use the scale must be set to zero by the screw on top of the housing. Zero adjustment is possible within  $\pm 0.5\%$  of the maximum measurable weight.



#### Heating cable with thermostat, 1-48 meters

The system for heating pipes is designed to prevent damage caused by freezing. It operates smoothly down to a minimum temperature of  $-45\,^{\circ}\text{C}$ .

When the temperature drops below 3 °C, the thermostat activates the heating, and once the temperature rises above 13 °C, the thermostat turns off the heating.



#### Technical specifications

Power supply	~230 V
Power consumption	16 W/m
Degree of protection	IPX7

Length	Product code
1 m	0355
2 m	0356
4 m	0357
8 m	0502
12 m	0503
14 m	0504
18 m	0505
24 m	0508
36 m	0506
48 m	0507





#### Nora IDRO High work boots



Unisex PVC work boots, classic, hightop, with easy-to-clean polyester ling. Ideal for gardening, farming or other leisure activities. Resistant to oils, fertilizers or various chemicals (acid, alkali) under certain conditions.

Product code
1297
1298
1299
1300
1301
1302
1303
1304



#### Nora IDRO Low work boots



Unisex PVC work boots, classic, midheight, with easy-to-clean polyester lining. Ideal for gardening, farming or or other leisure activities. Resistant to oils, fertilizers or various chemicals (acid. alkall) under certain conditions.

Size	Product code
38	1305
39	1306
40	1307
41	1308
42	1309
43	1310
44	1311
45	1312



#### PVC boot, Dunlop Dee



Unisex PVC work boots, classic, midheight, with easy-to-clean polyester lining. Ideal for gardening, farming or other leisure activities. Resistant to oils, fertilizers or various chemicals (acid, alkall) under certain conditions.

Size	Product cod
40	0779
41	0780
42	0781
43	0782
44	0783
45	0784



#### Milking and washing apron



Lightweight apron made of resistant plastic. Resistant to water, tears, splits and chemicals.

Ideal for agricultural, home and yard work. Features an adjustable plastic buckle for a comfortable fit.

Heat resistance: -25...+70 °C.

0670





Bale cover tarpaulins offer a cost-effective solution for farmers — their use is very efficient as they cost a fraction of the price of a covered structure. Another advantage is its mobility, i.e. it is not fixed in one place like a building. We offer six types of tarpaulins, each capable of covering rails constructed from three types of standard bales.

Tarpaulin dimensions Product code	Number of bales Ø1.2 × 1.2 m that can be covered	Number of bales Ø1.5 × 1.2 m that can be covered	Number of bales 1.2 × 2.4 × 0.9 m that can be covered
7.6 × 12.5 m			
	60 pcs.	30 pcs.	30 pcs.
0545	10 pcs. →	10 pcs. →	5 pcs.→
7.6 × 25 m			
	120 pcs.	60 pcs.	60 pcs.
0546	20 pcs.→	20 pcs.→	10 pcs.→
9.8 × 12.5 m			
	100 pcs.	60 pcs.	50 pcs.
0547	10 pcs. →	10 pcs. →	5 pcs. →
9.8 × 25 m			
	200 pcs.	120 pcs.	100 pcs.
0548	20 pcs.→	20 pcs. →	10 pcs.→
12 × 25 m			
	300 pcs.	200 pcs.	150 pcs.
0549	20 pcs.→	20 pcs.→	10 pcs.→
15.6 × 25 m			
	420 pcs.	300 pcs.	280 pcs.
0550	20 pcs.→	20 pcs.→	10 pcs.→

#### Bale cover fixing nail

Galvanized metal fixing nail for fixing the bale covers.

0551



#### Bale cover fixing ring

A special fixing ring designed for fixing the bale covers.

0552





#### Sandbag for bale covers

A sandbag to hang on the bale cover tarpaulin to anchor the bale cover.







#### Bale cover sandbag mounting clip

A special fixing clip designed to attach sandbags on the bale cover.

0841







#### Moisture meter for hay and straw, Draminski



Digital device for measuring moisture and temperature in baled hay, straw and tobacco.

This tool is indispensable for any farmer – by monitoring the moisture and temperature inside the bales, you can effectively prevent the risk of loss or fires caused by self-heating.





#### Grain moisture meter, TwistGrain Pro

Dramiński's TwistGrain pro Moisture Tester is a compact device designed to measure grain moisture in field conditions. This easy to handle device is suitable for agricultural users and provides a fast and accurate measurement.

The TwistGrain pro Moisture Tester is compatible with a wide range of cereals and seeds, providing accurate measurements for each species.





#### Temperature probe for TwistGrain Pro

Temperature probe for the Dramiński TwistGrain pro, optimizing its performance through precise grain temperature measurements.

With the temperature probe, TwistGrain Pro users can get a complete picture of the condition of their grain, improving crop management and protecting the quality of their grain during storage.









Net-covered bales minimize the loss of fibre fodder during baling and transport. The net prevents wind or other environmental factors from blowing the fibres away.

The even surface of the bale net allows moisture to drain away from the bale, which helps reduce feed storage losses. This is particularly important in wet weather where moisture can damage the quality of the forage. Bales surrounded by netting are more stable and retain their shape better, which makes them easier to move and store.

#### Technical specifications

Width	1.23 m
Length	3000 m
Breaking strength	300 kg
Weight	11.9 g/m
Material	HDPE
UV resistance	12 months

#### DLG certification

The bale net is continuously tested in DLG quality assurance tests, where its parameters are evaluated on test benches and under laboratory conditions. Various parameters, such as mechanical, physical and ageing properties, as well as the running length of the net are measured. In addition, practical tests are carried out to assess the manageability of the mesh.





#### Silo repair adhesive tape



Self-adhesive tape, ideal for repairing perforations on the surface of silo wrap or stretch bale wrap. The tape is strongly adhesive, water and UV resistant.

Its prompt use helps maintain the quality of stored crops and prevents the risk of mold growth by eliminating direct contact with air. Immediate repair of damaged areas prevents the formation of air pockets in the green mass, thus protecting the crop.













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