

ELECTROMECHANICAL SYSTEM FOR EASY PRUNING

We have tamed the wildest nature



CAMPAGNOLA



ELECTRONIC SHEAR

PONY



PONY is the lightest, fastest and easiest-to-handle electronic shear by Campagnola. Designed for **vineyard** pruning, it is characterised by highly reduced dimensions and an innovative blade group. Operated by a very light **lithium battery**, carried in a comfortable backpack, it offers **4 cutting modes**:

- **100% Automatic**
- **70% Automatic**
- **40% Automatic**
- **Proportional**

which, together with the **Service** mode, make its use and maintenance operations much better.



PONY KIT

- PONY shear
- Electronics
- Lithium battery
- Backpack
- Battery-charger
- Carrying case

cod. POEL.0004





100% AUTOMATIC MODE

The mobile blade reaches the maximum opening and then closes up automatically, as soon as the operating lever is touched. The shear can cut 25 mm diameter branches very quickly.



70% AUTOMATIC MODE

With the same operating way, the mobile blade opens only 70% to reach the thickest branches and to increase the cutting speed.



40% AUTOMATIC MODE

The mobile blade opens even less than in the 70% mode.

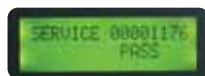
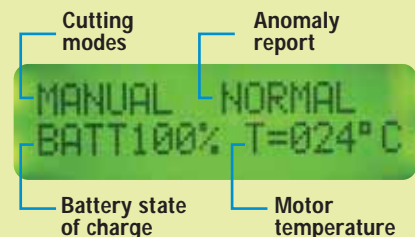


PROPORTIONAL MODE

It is the suggested mode for precision tasks and for the very first days after buying the shear, since it allows the operators to get used to it. In fact, the result is a progressive cut, since the mobile blade movement is controlled by the operator's finger pressure on the trigger. Therefore, the tool is used as if it were a manual shear. This mode guarantees top safety while cutting.

DISPLAY

All the PONY activities are always under control thanks to the display.



SERVICE MODE

This mode gives indications about the blades adjustment and the cut number, making the maintenance operations easier.



TECHNICAL DATA

- Shear weight: **760 g**
- Cutting capacity: **Ø 25**
(depending on the wood kind)
- Battery weight: **2100 g**
- Battery voltage: **51 V**
- Battery endurance: **9/12 hours**
- Battery-charger: automatic, electronically controlled
- Ergonomic body/hand grip unit with anti-slip rubber part



ELECTRONIC SHEAR
COBRA

The electronic shear **COBRA**, extremely handy and well cutting, has been created by Campagnola in the **vineyard** and **orchard** versions, that differ basically for the blade group. Operated by a very light **lithium battery**, carried in a comfortable backpack, it offers **4 cutting modes**:

- **100% Automatic**
- **70% Automatic**
- **40% Automatic**
- **Proportional**

which, together with the **Service** mode, make its use and maintenance operations much better.



COBRA VINEYARD
cod. POEL.0001



COBRA KIT

- COBRA shear
- Electronics
- Lithium battery
- Backpack
- Battery-charger
- Carrying case



COBRA ORCHARD
cod. POEL.0003





100% AUTOMATIC MODE

The mobile blade reaches the maximum opening and then closes up automatically, as soon as the operating lever is touched. The shear can cut 37 mm (35 mm COBRA VINEYARD) diameter branches very quickly.



70% AUTOMATIC MODE

With the same operating way, the mobile blade opens only 70% to reach the thickest branches and to increase the cutting speed.



40% AUTOMATIC MODE

The mobile blade opens even less than in the 70% mode.

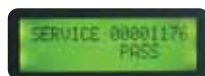
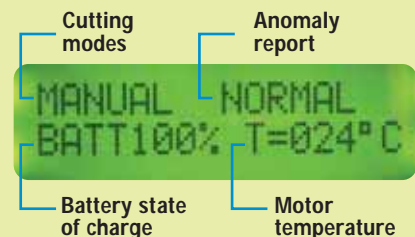


PROPORTIONAL MODE

It is the suggested mode for precision tasks and for the very first days after buying the shear, since it allows the operators to get used to it. In fact, the result is a progressive cut, since the mobile blade movement is controlled by the operator's finger pressure on the trigger. Therefore, the tool is used as if it were a manual shear. This mode guarantees top safety while cutting.

DISPLAY

All the COBRA activities are always under control thanks to the display.



SERVICE MODE

This mode gives indications about the blades adjustment and the cut number, making the maintenance operations easier.



TECHNICAL DATA

- Shear weight: **918 g**
- Cutting capacity:
 - Ø 35 VINEYARD
 - Ø 37 ORCHARD
 (depending on the wood kind)
- Battery weight: **2100 g**
- Battery voltage: **51 V**
- Battery endurance: **9/12 hours**
- Battery-charger: automatic, electronically controlled
- Ergonomic body/hand grip unit with anti-slip rubber part



ELECTRONIC SHEAR MASTIFF



The strong electronic **MASTIFF** shear has been created for pruning **orchards, olive trees, citrus groves, parks and gardens.**

Operated by a very light **lithium battery**, carried in a comfortable backpack, it offers **4 cutting modes:**

- **100% Automatic**
- **70% Automatic**
- **40% Automatic**
- **Proportional**

which, together with the **Service** mode, make its use and maintenance operations much better.

Even if it has the same dimensions and weight as the other similar, already available models, it is no doubt the fastest and most powerful electronic shear in the market.



MASTIFF KIT

- MASTIFF shear
- Electronics
- Lithium battery
- Backpack
- Battery-charger
- Carrying case

cod. POEL.0002





100% AUTOMATIC MODE

The mobile blade reaches the maximum opening and then closes up automatically, as soon as the operating lever is touched. The shear can cut 40 mm diameter branches very quickly.



70% AUTOMATIC MODE

With the same operating way, the mobile blade opens only 70% to reach the thickest branches and to increase the cutting speed.



40% AUTOMATIC MODE

The mobile blade opens even less than in the 70% mode.

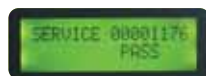
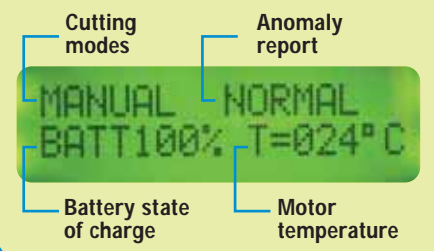


PROPORTIONAL MODE

It is the suggested mode for precision tasks and for the very first days after buying the shear, since it allows the operators to get used to it. In fact, the result is a progressive cut, since the mobile blade movement is controlled by the operator's finger pressure on the trigger. Therefore, the tool is used as if it were a manual shear. This mode guarantees top safety while cutting.

DISPLAY

All the MASTIFF activities are always under control thanks to the display.



SERVICE MODE

This mode gives indications about the blades adjustment and the cut number, making the maintenance operations easier.



TECHNICAL DATA

- Shear weight: **972 g**
- Cutting capacity: **Ø 40**
(depending on the wood kind)
- Battery weight: **2100 g**
- Battery voltage: **51 V**
- Battery endurance: **9/12 hours**
- Battery-charger: automatic, electronically controlled
- Ergonomic body/hand grip unit with anti-slip rubber part



ELECTRONIC CHAIN PRUNER

PUMA

The electro-mechanical **PUMA** chain pruner is powerful, light, extremely fast and noiseless. It can be used either **hand held** or assembled on one of its special **extension poles** (fixed: 170 cm - telescopic: either 140-200 cm or 180-240 cm). It can prune any kind of plant.

Now available with a 8" bar and a 1/4" chain, automatically lubricated by means of a membrane pump, it will be soon also offered with a 10" and a carving bar.



TECHNICAL DATA

- Electronically controlled, brushless motor
- Maximum absorption: **38 Amper** electronically limited
- Bar and chain **automatic lubrication**
- Motor power: **800 W**
- Ergonomic hand grip
- 8" bar
- 1/4" chain
- Weight: ETTA.2100 - **1800 g**
ETTA.2105 - **2680 g**
ETTA.2150 - **3360 g**
ETTA.2155 - **3560 g**



- **PUMA hand held**
cod. ETTA.2100
- **PUMA w/fixed extension pole - 170 cm**
cod. ETTA.2105
- **PUMA w/medium telescopic extension pole - 140-200 cm**
cod. ETTA.2150
- **PUMA w/long telescopic extension pole - 180-240 cm**
cod. ETTA.2155





ALL THE SAFETY YOU NEED

PUMA is equipped with all the necessary devices complying with the current safety rules, such as the **inertial brake**, which instantly **locks the chain**, and the automatic **active safety**, which avoids any accidental starting of the tool. Moreover, there are **three in-built protection devices** in case of:

- 1) **pole inversion when connecting the power-supply cable to the battery;**
- 2) **motor overheating;**
- 3) **excessive current absorption.**

When, for example, the operator carries out too much pressure while cutting, the chain speed decreases, and the led light becomes red and flashes. Therefore, the operator, having been informed, decreases the pressure, so the led light becomes green, and the chain automatically moves at its highest speed, allowing to end up the cut.

SAFETY DEVICES

- Starting led light
- Hand protection
- Operating lever safety
- Emergency brake (Kickback)





Lipo
500-720



TWO POWER SUPPLY OPTIONS

Fitted with a brushless motor, it can be operated either by the **LIPO battery (lithium polymer - 18 V)** or by an **ordinary car battery (lead - 12 V - 100 Amps/hour)**, using the adequate converter and the 10 m cable.

Both solutions guarantee an **autonomy of about 8 hours**, allowing the operator to carry out more or less 1000 cuts of 8/10 cm diameter. The number of cuts depends, obviously, on the kind of wood, the branches section and the way of use.

POWER SUPPLY AND BATTERY ENDURANCE

- Battery endurance: **1 working day** (depending on the kind of work)
- Power supply by means of a **lead 12 V battery** (100 Amps suggested), converter (from 12 V to 18), power-supply cable, 10 m long
- Power supply by means of a **LIPO lithium polymer 18 V battery**, power supply cable, 1.5 m long



The **lithium polymer 18 V battery - LIPO** can also supply **ALICE**, the Campagnola's innovative electromechanical head for olive harvesting.





CAMPAGNOLA

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