

# FELCO®

SWISS  MADE

## FELCO 820

Electric pruning shear



*A customized complete solution*

*[www.felco820.com](http://www.felco820.com)*

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**SWISS MADE**

# FELCO 820

A customized complete solution



Entirely designed, developed and manufactured in Switzerland, within Watch Valley, FELCO 820 offers comfort and performance like no other electroportable cutting tool.

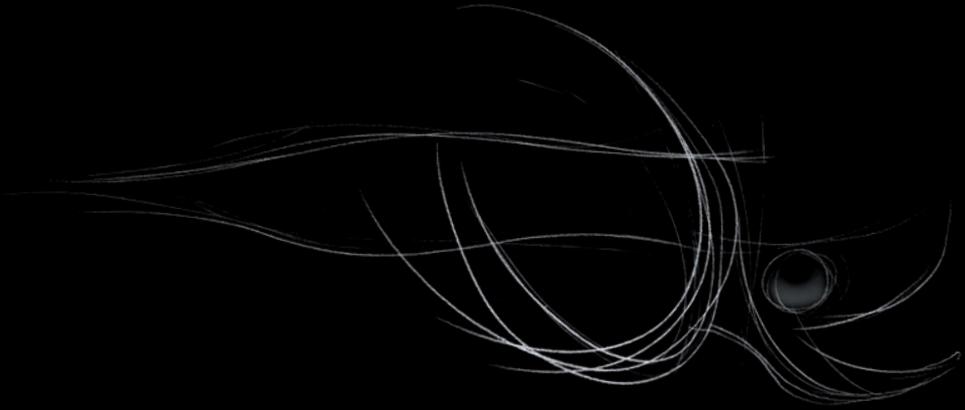
This high-technology model represents the results of collaboration between FELCO, FELCO Motion (sister company of FELCO, specialized in the design, development and assembly of electroportable tools) and high-level Swiss development partners.

FELCO, leading worldwide manufacturer of pruning shears and cable cutters aims to respond to the requirements and expectations of pruning professionals.

# 5 Benefits

4

Discover what benefits the FELCO 820 can provide when carrying out pruning work.



*Pao Fanello*

**STRENGTH**

**SPEED**

**ERGONOMICS**

**EFFICIENCY**

**RELIABILITY**

## STRENGTH

The FELCO 820 effortlessly cuts diameters of up to 45 mm (1.8 in.). The need to resort to saws for troublesome wood cutting is greatly reduced ensuring both time-saving and significant productivity!



The FELCO 820, a multipurpose tool for cutting in the range of 1 to 45 mm (1.8 in.).



## SPEED

The semi-open mode enables blade opening which is suited to the plants to be cut. Intuitively activated, this option offers precious time-saving when cutting small diameters.



## ERGONOMICS

The perfect diameter of the tool body and the pivot trigger ensure optimal handling. Light and slender, the harness offers excellent weight distribution in order to carry out work in complete comfort with one or two batteries.



## RELIABILITY

The careful design of the forged aluminum body stops dust and foreign bodies penetrating the pruning shear mechanism. Forged aluminum guarantees heightened strength whilst limiting the weight held. The aforementioned elements, relative to the legendary brand quality and reliability make the FELCO 820 a professional tool, boasting exemplary robustness and longevity.

8





## EFFICIENCY

The FELCO 820 exploits KERS energy-recovery technology as used in Formula 1. This clever system enables the increase of battery life of more than 10%.





## ARBORICULTURE

The semi-open mode for rapid and accurate cutting. Harness fits close to the body, ideal for cutting trees. Safety guaranteed thanks to the stand-by mode.



## PARKS AND GARDENS

Optimal healing of pruning cut, thanks to the FELCO 820 cutting quality, improves health and longevity of plants.



## LOCAL AUTHORITIES

Heightened safety thanks to the harness keeping it close to the body and the strength of the tool which reduces the need for the saw.



## FORESTRY

Ideal for forest tree species selection work and to eliminate branches where trees grow (carpentry wood).



## VITICULTURE

Perfect for vine regeneration and cutting fruit tree branches (Guyot).



# POWERPACK FELCO 880

A compact electroportable set for the FELCO 820 (harness, battery, control housing and remote housing) fully compatible with FELCO 800 and FELCO 810 tools. Sold as standard with the FELCO 820, this set is also available for purchase under the name FELCO 880.

## HARNESS

Light and slender.





## BATTERIES

Ultra-light and slim lithium polymer (Li-Po) technology batteries.

The battery, with its very own electronics, represents a fully interchangeable element.

The tool can be used with 1 or 2 batteries, dependent on the load level (patent pending).

The battery life stands at between half to one full day dependent on usage (according to requirements, a second battery is recommended).

The charger charges the battery within 2 hours.



## CONTROL HOUSING

Handling and management of the pruning shears.

USB port with option of charging for items such as a mobile telephone.



## REMOTE HOUSING

Easy access to the following controls:

- start/stop
- selection/cancellation of work options (stand-by and semi-opening)
- cancellation of step-by-step mode

Integrated screen displaying lots of useful information such as:

- charge status of each battery
- number of cuts
- usage time
- percentage of large, medium and small cuts
- troubleshooting...

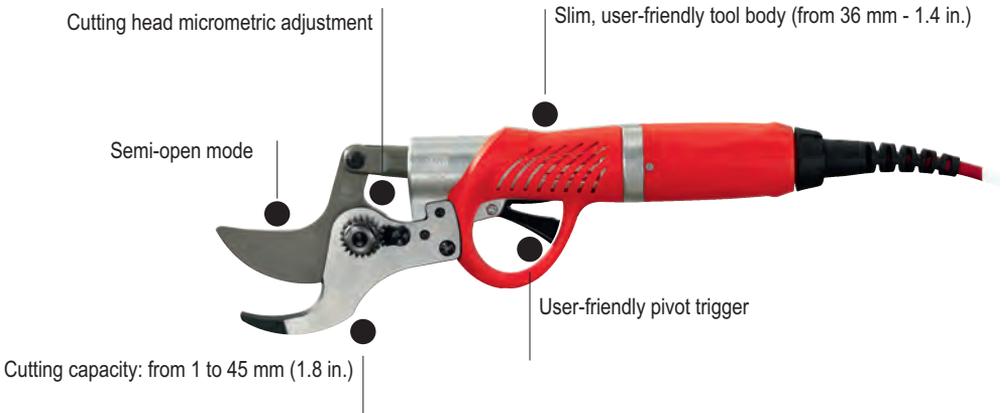
# TECHNICAL SPECIFICATIONS

Pruning shear weight	980 g
Weight of an entire battery (with cord and connector)	790 g
Weight of the control housing (with cord)	545 g
Harness weight	920 g
Charger operating power	90-250 VAC
Battery voltage	37 VDC
Li-Po battery strength	2.5 amps/hour
Charging time	2 hours
Pruning shear length	290 mm (11.4 in.)



## ACCESSORIES

Products for cleaning and regular maintenance of your FELCO tools.



## MAINTENANCE

Maintenance of the FELCO 820 is simple; to quote an example, the blade can be changed without opening the body. To ensure pruning shear longevity, all that is required is regular sharpening of the blade, cutting head adjustment checks and oiling every week. The annual check must be carried out by our approved partners.

## AFTER-SALES SERVICE

Our official sales network distributors offer an unbeatable service. Details of your nearest FELCOtronic contact are available at [www.felco820.com](http://www.felco820.com)

# THE FELCOTRONIC OFFER

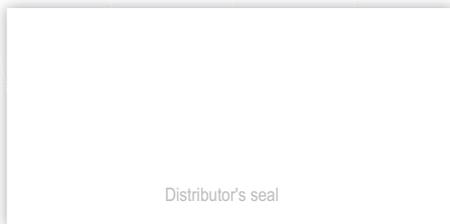
With the FELCO 820, the brand expands the electroportable tool range.  
FELCO meets the requirements of everybody!

FELCO	∅ cutting in mm	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-45
	∅ cutting in in.	0-0.2	0.2-0.39	0.39-0.59	0.59-0.79	0.79-0.98	0.98-1.18	1.18-1.38	1.38-1.77
820		*	*	**	***	***	***	***	**
810		*	*	*	**	***	***	*	
800		*	**	***	***	**	*		
800F		***	***	**	*				
800G		*	**	***	***	**	*		
800M		Cutting head for hooves							

## THE QUALITY OF FELCO CUTTING HEADS

"With more than a million cutting heads produced per year and more than 30 million pruning shears created since 1945, FELCO expertise ensures perfect cutting quality. This knowledge is recognized worldwide by pruning professionals worldwide. Located, ever since its origins, in Geneveys-sur-Coffrane, in the heart of the Watch Valley, FELCO is an international benchmark in terms of quality, reliability and longevity."





Distributor's seal



FELCO SA  
CH-2206  
Les Geneveys-sur-Coffrane  
SWITZERLAND

T +41 328 581 466  
F +41 328 571 930  
info@felco.com  
[www.felco.com](http://www.felco.com)