Power-assisted
Pneumatic tools, electric tools, accessories

FELCO since 1945
Power-assisted. The tools that feature as part of the "Power-assisted" range are especially designed for extremely intensive work. Whether they are pneumatically or electrically powered, the tools reduce the amount of muscle power needed. Essentially, they reduce the demanding nature of work.

These high-tech tools additionally boast advanced ergonomics, popular with both demanding professionals and amateurs.

Using the "Power-assisted" range, FELCO's aim is to help its customers maximize their productivity.
Pneumatic pruning shears

The initial powered tools in the FELCO range, pneumatic pruning shears are now widely used in large-scale pruning work. They eliminate the risks of tendonitis (RSI). Several operators can simultaneously work the same block from a single compressor!

FELCO 70
Standard

Recommended for all types of cutting, particularly where the wood is very hard.
The operating power for the pruning shear is supplied by an air-compressor.
Operating pressure: 7 to 15 bar
Air consumption: 24 to 50 liters / min.
Can be ordered with 60, 120 and 150 cm (23.6, 47.2 and 59.1 in.) extensions.

Technical specifications (more info p. 18):
1  5  6  7  8  9  10

FELCO 73
Progressive

A FELComatic FELCO 70 type model with a modified admission valve allowing progressive closure of the blade when the operator presses the blade control lever.
Operating pressure: 7 to 15 bar
Air consumption: 24 to 50 litres / min.
Can be ordered with 60, 120 and 150 cm extensions.

Technical specifications (more info p. 18):
1  2  5  6  7  8  9  10
FELCO 74
Unidirectional spraying device
A pneumatic pruning shear fitted with a spray device fixed to the anvil blade support. The pruning cut is sprayed after the blade has cut the branch and is in the closed position. If the protection product applied requires saturation of the pruned cut, just keep the lever pressed until the desired effect is achieved.
Operating pressure: 7 to 15 bar
Air consumption: 24 to 50 litres / min.

Technical specifications (more info p. 18):
3 5 7 8 9 10

FELCO 79
Bi-directional spraying device
Spraying pruning shear based on the same principle as the FELCO 74. The difference is in the spraying device and the shape of the nozzle, which allows simultaneous spraying of the blade and the pruning cut.
Operating pressure: 7 to 15 bar
Air consumption: 24 to 50 litres / min.

Technical specifications (more info p. 18):
4 5 7 8 9 10
Professional tools
TECHNICAL DATA

- Battery voltage: 37 Vdc
- Li-Po battery voltage: 2.5 Ah
- Duration life without being charged: Half a day to one day (Dependent on usage, a second battery is recommended)
- Charger operating power: 90-250 Vac
- Average charging time: 2 hours
- Weight of battery (with cord and connector): 790 g (27.9 oz.)
- Weight of the control housing (with cord): 545 g (19.2 oz.)
- Weight of the remote housing (with cord): 110 g (3.9 oz.)
- Weight of shoulder bag: 920 g (32.5 oz.)

Our electric tools are sold by approved retailers who guarantee a direct after sales service. You will find your nearest specialist on our website.
FELCOTRONIC ELECTRIC TOOLS

Light, strong, tremendously efficient: FELCO electroportable tools were designed for all intensive work, whether it be vineyard work, arboriculture, the upkeep of parks, gardens or forests, or in the context of ovine and caprine rearing. The electronically controlled FELCOtronic, offers incomparable power and precision. Professionals will be delighted with its ergonomics and ease of maneuverability.

Electroportable pruning shears

FELCO 801
Fast-cutting and light model

These light, easy to handle and fast cutting pruning shears are recommended for all intensive pruning work. The new tool geometry guarantees easy access to branches that require cutting. The cutting head ensures a clean and precise cut with diameters of up to 30 mm. Controlled and powered by its Powerpack the FELCO 880, the FELCO 801 set has been developed as a result of carefully studied ergonomics, providing relief to arm and shoulder muscles, throughout the entire day spent pruning. The tool body allows you to change and use a variety of head types (800F, 800M).

Technical specifications (more info p. 20):

FELCO 801G
Fast-cutting and light weight model for left-handed use

FELCO 801 version especially designed for left-handers.

Technical specifications (more info p. 20):
FELCO 820
Strong and multipurpose model

Strong, rapid, user-friendly, efficient and reliable, this model is suited to heavy pruning work. The FELCO 820 enables easy, clean and accurate cutting of hardwood, of up to 45 mm in diameter, ensuring primarily, a significant productivity increase. Multipurpose, it is the ideal tool for arboriculture, forestry work, the upkeep of parks and gardens and for some types of viticulture work.

Controlled and powered by its Powerpack, FELCO 880 includes a battery and charger, the FELCO 820 set, a result of carefully studied ergonomics, providing relief to arm and shoulder muscles, throughout the entire day spent pruning.

**Technical specifications (more info p. 20):**

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**Powerpack for FELCOtronic electric tools**

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FELCO 880
High-tech Powerpack for FELCOtronic electric tools

This electroportable set ensures significantly easier movement and even weight distribution on shoulders. It includes a light, slim shoulder bag, made from high-tech anti-transpiring material, a Li-Po battery with energy-saving system, control housing with USB port in addition to remote housing which enables start/stopping, selection of work options and viewing of useful information.

Charging capacity: Half a day to one day (Dependent on usage, a second battery is recommended).

Charging time: two hours.

Compatibility: FELCO 800, 800G, 800M, 801, 810 and 820.

**Technical specifications (more info p. 20):**

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Electroportable pruning shears without Powerpack

FELCO 801–HP
Fast-cutting and light model
FELCO 801 pruning shear without electroportable set. A FELCO 880 Powerpack is required in order to use this tool.

Technical specifications (more info p. 20):
1 3 4 5 6 7 8 9 11 12

Made in Switzerland by FELCO

FELCO 801G–HP
Fast-cutting and light weight model for left-handed use
FELCO 801G pruning shear without electroportable set. A FELCO 880 Powerpack is required in order to use this tool.

Technical specifications (more info p. 20):
1 4 5 6 7 8 9 11 12

Made in Switzerland by FELCO

FELCO 820–HP
Strong and multipurpose model
FELCO 820 pruning shear without electroportable set. A FELCO 880 Powerpack is required in order to use this tool.

Technical specifications (more info p. 20):
2 4 5 6 7 8 10 11 12

Made in Switzerland by FELCO
**ACCESSORIES**

FELCO Accessories have been specifically designed to complement the existing product range and make our tools more efficient and easier to use.

**Sharpening tools**

Sharpening stones and tools are essential to the good care of cutting heads. They not only guarantee a good cut and a longer life for blades and anvil-blades; they also help minimise the required cutting effort.

**FELCO 902**

*Sharpening stone*

Medium and fine grained high purity corundum sharpening stone. Easy to use, it keeps its shape, and is ideal for the sharpening of pruning shears. For pruning shears and cable cutters.

**FELCO 903**

*Sharpener*

Multi-function sharpening tool made of diamond-coated hardened steel. Essential for the sharpening, strengthening and honing of blade cutting edges to a professional standard. For pruning shears and cable cutters.
Maintenance products

A small amount of maintenance is enough to extract a maximum performance from the tools. FELCO offers specific products for tool cleaning and maintenance in convenient small containers.

FELCO 980
Spray
Cleans, lubricates and protects against rust. Prevents all traces of sap and dust. For pruning shears and cable cutters. VOC free.
Capacity: 56 ml (1.89 fl. oz.).

FELCO 990
Grease
Synthetic, biodegradable lithium/calcium based grease. Lubricates and reduces wear. Water resistant. For pruning shears and cable cutters.
Content: 30 g (1 oz.).

"FELCOMatic" accessories

75/90
Extension for FELCO 70 and FELCO 73 - Length 60 cm (23.6 in.)
Extruded anodised aluminium, very tough, easy to fit to FELCO 70 or FELCO 73 pneumatic pruning shears. Enables access to high branches without a ladder.
76/90
Extension for FELCO 70 and FELCO 73 - Length 120 cm (47.2 in.)
Extruded anodised aluminium, very tough, easy to fit to FELCO 70 or FELCO 73 pneumatic pruning shears. Enables access to high branches without a ladder.

77/90
Extension for FELCO 70 and FELCO 73 - Length 150 cm (59 in.)
Extruded anodised aluminium, very tough, easy to fit to FELCO 70 or FELCO 73 pneumatic pruning shears. Enables access to high branches without a ladder.

"FELCOtronic" accessories

800F
Slender cutting head
Cutting head to be assembled onto FELCO 800, 800M or FELCO 801 electroportable pruning shears. It is ideal for cutting wood with a diameter of up to 20 mm.

800M
Cutting head for hooves
Cutting head to be assembled onto FELCO 800, 800M or FELCO 801 electroportable pruning shears. It is ideal for cutting the hooves of sheep and goats.
880/192  
**Battery for FELCO 880**
Additional battery for FELCO 880 electroportable set. It can be used at the same time or sequentially (Patented: Japan no JP5153930, other countries pending).

880/290  
**Charger for FELCO 880**
Charger suitable for charging an 880/192 battery. Provided with pruning shear cord.

FELCO 991  
**Greaser pump**
Greaser pump with synthetic, biodegradable grease refill ref. 991/1. Lithium/calcium based, this grease lubricates and reduces wear. Water resistant. For tools equipped with compatible bolt. Content: 50 g.

991/1  
**Synthetic grease refill**
Synthetic, biodegradable grease refill for FELCO 991 greaser pump. Lithium/calcium based, this grease lubricates and reduces wear. Water resistant. Content: 50 g.
<table>
<thead>
<tr>
<th>No</th>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Swivel cutting head</td>
<td>For increased cutting comfort, the cutting head can be rotated 360º.</td>
</tr>
<tr>
<td>2</td>
<td>Progressive blade lock</td>
<td>A special admission valve, upon applying pressure to the control lever, allows you to progressively close the blade.</td>
</tr>
<tr>
<td>3</td>
<td>Unidirectional spraying device</td>
<td>Unidirectional spraying of liquid and viscous products. This model was especially designed to combat diseases common to old wood.</td>
</tr>
<tr>
<td>4</td>
<td>Bi-directional spraying device</td>
<td>This device allows for the spraying of liquid on both the blade and the pruning cut simultaneously.</td>
</tr>
<tr>
<td>5</td>
<td>Micrometric adjustment</td>
<td>FELCO’s micrometric adjustment system guarantees an optimal adjustment of the cutting head throughout the life of the tool.</td>
</tr>
<tr>
<td>6</td>
<td>Active safety</td>
<td>A locking ring on the command lever ensures that the blade is not accidentally locked.</td>
</tr>
<tr>
<td>No</td>
<td>Feature</td>
<td>Description</td>
</tr>
<tr>
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<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>7</td>
<td>Passive safety</td>
<td>A manual thumb catch keeps the blade locked when the pruning shears are not in use.</td>
</tr>
<tr>
<td>8</td>
<td>Double piston</td>
<td>Greater cutting strength which eliminates any difficulties during cutting.</td>
</tr>
<tr>
<td>9</td>
<td>Coil spring</td>
<td>Energy (air) saving device and faster blade release.</td>
</tr>
<tr>
<td>10</td>
<td>Forged aluminum cutting head support</td>
<td>Lightweight, strong and sturdy thanks to special aluminum alloys and advanced precision forging methods. Equipment comes with a lifetime guarantee.*</td>
</tr>
<tr>
<td>Feature</td>
<td>Description</td>
<td>No</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>----</td>
</tr>
<tr>
<td>Cutting head 1-30 mm</td>
<td>Straight cutting head (viticulture), for accurate cutting.</td>
<td>1</td>
</tr>
<tr>
<td>Cutting head 1-45 mm</td>
<td>Curved cutting head, ideal for arboriculture, forestry work, the upkeep of parks and gardens, and for some types of viticulture work.</td>
<td>2</td>
</tr>
<tr>
<td>Interchangeable cutting head</td>
<td>The tool body allows you to change head types, including the slender cutting head 800F, ideal for cutting diameters of up to 20 mm.</td>
<td>3</td>
</tr>
<tr>
<td>Semi-open blade</td>
<td>The semi-open mode speeds up the cutting of small diameters.</td>
<td>4</td>
</tr>
<tr>
<td>Stand-by Mode</td>
<td>The stand-by mode may be activated when moving, ensuring heightened safety.</td>
<td>5</td>
</tr>
<tr>
<td>Non-progressive blade lock</td>
<td>Deactivation of the progressive blade lock mode enables reversion to pneumatic cutting style.</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>For FELCO model</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>801</td>
<td></td>
</tr>
<tr>
<td>801G</td>
<td></td>
</tr>
<tr>
<td>820</td>
<td></td>
</tr>
<tr>
<td>880</td>
<td></td>
</tr>
<tr>
<td>801-HP</td>
<td></td>
</tr>
<tr>
<td>801G-HP</td>
<td></td>
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<tr>
<td>820-HP</td>
<td></td>
</tr>
<tr>
<td>No</td>
<td>Feature</td>
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<td>----</td>
<td>------------------</td>
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<tr>
<td>7</td>
<td>Micrometric</td>
</tr>
<tr>
<td>8</td>
<td>Grease bolt</td>
</tr>
<tr>
<td>9</td>
<td>Compact design</td>
</tr>
<tr>
<td>10</td>
<td>Push blade lock</td>
</tr>
<tr>
<td>11</td>
<td>Optimal handling</td>
</tr>
<tr>
<td>12</td>
<td>Forged aluminium</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FELCO TECHNICAL SPECIFICATIONS</th>
</tr>
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**FELCOtronic electric tools**

- 801
- 801G
- 820
- 880
- 801-HP
- 801G-HP
- 820-HP
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<th>No</th>
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</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>Li-Po Battery</td>
<td>Dependent on requirements, one or two batteries can be used at the same time or sequentially. The ultra-light and slim battery is completely independent from the control housing.</td>
</tr>
<tr>
<td>Selection assistance</td>
<td>Description</td>
<td>For FELCO model →</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>Viticulture</td>
<td>For all vine stock formation pruning work and for fructification pruning.</td>
<td>![Image]</td>
</tr>
<tr>
<td>Arboriculture</td>
<td>For all formation and fructification pruning work. Pruning and regeneration of trees and shrubs. Limiting development of vegetation.</td>
<td>![Image]</td>
</tr>
<tr>
<td>Horticulture</td>
<td>For all pruning and regeneration work on plants, and for harvesting flowers.</td>
<td>![Image]</td>
</tr>
<tr>
<td>Parks and Gardens</td>
<td>For all pruning and regeneration work on trees, shrubs and bushes. Maintenance and cleaning of plots, hedges and large flower beds.</td>
<td>![Image]</td>
</tr>
<tr>
<td>Nursery</td>
<td>For all formation pruning work.</td>
<td>![Image]</td>
</tr>
<tr>
<td>Special applications</td>
<td>For example, for all work combining spraying and pruning activities.</td>
<td>![Image]</td>
</tr>
</tbody>
</table>
### Selection Assistance

#### For FELCO model →

<table>
<thead>
<tr>
<th>Selection assistance</th>
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<th>FELCOTronic electric tools</th>
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<td>**</td>
</tr>
<tr>
<td>Nursery</td>
<td>For all formation pruning work.</td>
<td>**</td>
</tr>
<tr>
<td>Local authorities</td>
<td>For all pruning work and maintenance of green spaces.</td>
<td>**</td>
</tr>
<tr>
<td>Forestry</td>
<td>For forest tree species selection work and to eliminate branches where trees grow (carpentry wood).</td>
<td>**</td>
</tr>
<tr>
<td>Selection assistance</td>
<td>Description</td>
<td></td>
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<tr>
<td>----------------------</td>
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<td></td>
</tr>
<tr>
<td>Ovine and caprine rearing</td>
<td>Trimming hooves</td>
<td></td>
</tr>
</tbody>
</table>

**FELCOtronic electric tools**

- 801
- 801G
- 820
- 880
- 801-HP
- 801G-HP
- 820-HP

**For FELCO model → Ovine and caprine rearing**

<table>
<thead>
<tr>
<th><strong>SELECTION ASSISTANCE</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FELCOtronic electric tools</strong></td>
</tr>
<tr>
<td>801</td>
</tr>
<tr>
<td>Description</td>
</tr>
</tbody>
</table>
About FELCO

FELCO, the world-leading manufacturer of professional pruning shears and cable cutters since 1945.

The Swiss Made label

Designed and manufactured using the best materials and according to strict manufacturing procedures, FELCO tools are popular with millions of professional users worldwide.

The best raw materials

In order to create resistant, durable, light tools, FELCO selects high-quality materials, such as fine steel, alloy steel, high-resistance forged aluminum, carbon fibers or reinforced polymers.

The best cutting heads

The finest alloy steel, submitted to specific thermal treatments, ensures increased resistance and excellent cutting performance.

Useful spare parts

FELCO offers spare parts in order to ensure the longevity of its tools. When a part becomes worn, damaged or is lost, there is no need to buy a complete new tool: replacing the relevant part is all that is required. The spare parts will be available from your usual dealer.

Adjustment key

The adjustment key provided with tools equipped with a micrometric adjustment system, allows precise and immediate adjustment of the blade and the anvil blade. The key’s hexagonal shape allows you to unscrew/screw all the screws which form part of the tool.

FELCO warranty

*The guarantee covers design or manufacturing defects and is limited to the parts mentioned. Defects or damage resulting from accident, normal wear, improper use or use for a purpose other than that for which the tool has been designed, are not covered by the guarantee.

An efficient after-sales service

Thanks to its network of partners, present in over 100 countries, all those who purchase a FELCO product will benefit from the advantages of an expert after-sales service.

www.felco.com

You will find a vast amount of useful information on our website.
http://www.felco.com
Based in the small town of Geneveys-sur-Coffrane, at the heart of Watch Valley since 1945, FELCO has expanded its reputation worldwide. Remaining true to its region and Swiss know-how, FELCO protects its environment by way of the following: recycling waste, energy management, water treatment, consideration taken with regards to distance of suppliers, using recycled and recyclable materials and human resource development. The certifications ISO 9001 and 14001 are proof of FELCO’s commitment.

The Original, since 1945

Tackling forgery, it is in the Company's genetic makeup. FELCO, in particular, falls victim to this problem.
The worldwide, best selling pruning shear, the FELCO 2, is also the one that is most forged! Inventor of the red-handle pruning shear, FELCO, since 1945, has earnt its title, hallmark of excellence.

FELCO, its all about

- manual tools for the most demanding professionals.
- industrial tools aimed at a varied assortment of occupations (electricians, woodcutters, marines, professionals working in the cable industry, maintenance services...)
- pneumatic or electric tools for the most demanding professionals.