

# INFACO<sup>®</sup>

POLE FOR **F3020** SHEARS

**P9T120 - P9F120 - P9F210**  
**P9T120B - P9T210B - P9F210B**



ORIGINE  
**FRANCE<sup>®</sup>**  
GARANTIE

BVcert.6152145

ORIGINAL USER GUIDE - **EN**

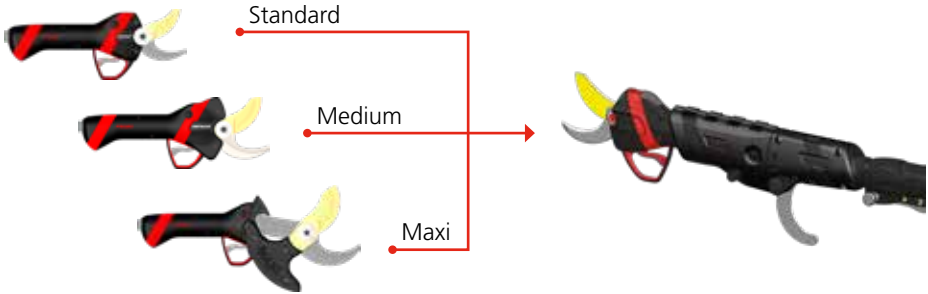











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# COMPATIBLE TOOL

The **P9F210**, **P9T120**, **P9F120**, **P9T120B**, **P9F210B**, **P9T210B** poles are only compatible with the **F3020 electric shears**, regardless of the blade kit used.



# COMPATIBLE BATTERIES

POLES AND COMPATIBLE BATTERIES		
P9T120B / P9F210B / P9T210B	P9F210 / P9T120 / P9F120	
		
L100B 	L100B 	831B 
	L850B 	L810B 

# PRECAUTIONS BEFORE USE



**WARNING.** Read all the safety warnings and all the instructions. Failing to heed warnings and follow instructions may lead to an electric shock, a fire and/or serious injury.

**Keep all warnings and instructions for future reference.** The term “tools” in the warnings refers to your battery-powered electric tool (with power cord), or your tool operating on a battery (without power cord).

# PERSONAL PROTECTION EQUIPMENT

	Read the instructions for use carefully, especially the safety instructions.
	The wearing of a hard hat, eye and ear protection is MANDATORY
	Hand protection using cut-prevention work gloves.
	Foot protection using safety footwear.
	Face protection using a visor
	Body protection, using cut protection overalls.
	IMPORTANT! Extensions can be made of conductive materials. Do not use near sources of electricity or electric wires
	IMPORTANT! Do not approach any part of the body to the blade. Do not remove the cut material or hold the material to be cut while the blades are moving.

# PROTECTION OF THE ENVIRONMENT



Observe all country-specific waste disposal rules and regulations.

> Power tools must not be disposed of with household refuse.




> The device, accessories and packaging must be taken to a recycling centre.






> Ask the approved INFACO Dealer for up-to-date information on the eco-compatible elimination of waste.

# POLE RANGES

## Cable version

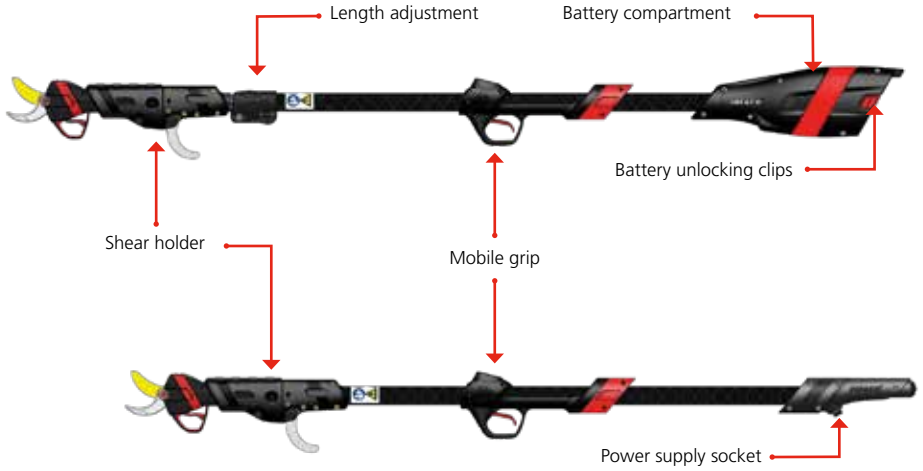
REF	LENGTHS (IN MM)	IMAGES
P9F120	1370	
P9T120	From 1475 to 2120	
P9F210	2271	

## Built-in battery version

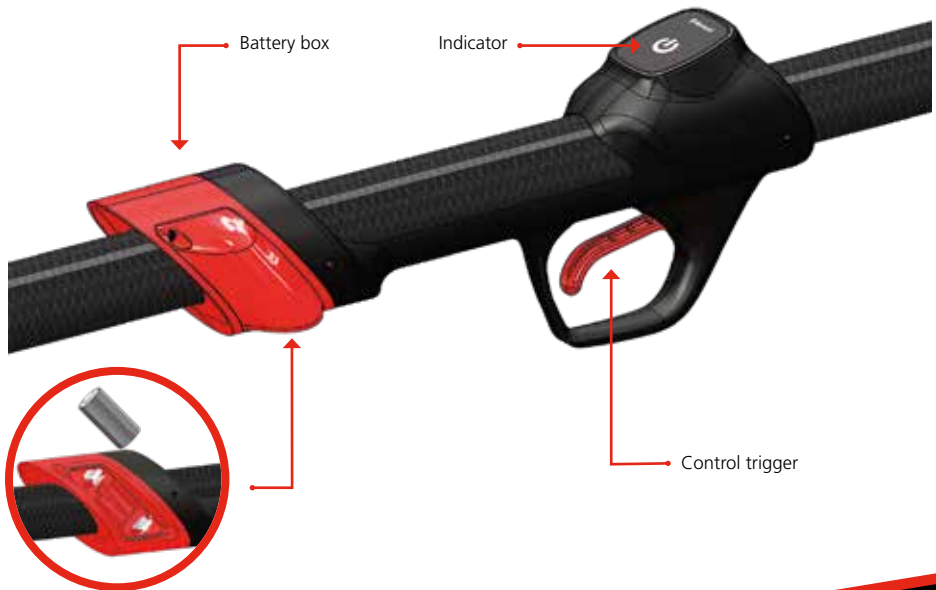
REF	LENGTHS (IN MM)	IMAGES
P9T120B	From 1560 to 2210	
P9F210B	2360	
P9T210B	From 2470 to 4020	

# GENERAL PRODUCT VIEW

P9T120B / P9F210B / P9T210B



P9F210 / P9T120 / P9F120



# SPECIFICATIONS

CONTROL GRIP	
Battery	CR123A 3V (rechargeable battery not compatible)
Operating voltage	2V – 3.6V
Polarity reversal	Protected electronics
Emission/receiving power	8 dbm

POLES	
Battery	L100B 36V battery or 48V INFACO range battery (see compatible battery on page 04 )
Operating voltage	30V - 54.6V
Maximum voltage	70V
Tube material	Carbon
Weight (pole only)	P9F120 : 1,00 kg P9F210 : 1,25 kg P9T120 : 1,40 kg P9F210B : 1,80 kg P9T120B : 2 kg P9T210B : 2,45 kg

*These specifications are given as an indication only. Under no circumstances may they be considered as contractually binding. They are subject to modification without prior notice in the interests of product development.*

*Patented equipment*



# STARTING UP

## First use

The first time you use the equipment, we strongly recommend you to ask the advice of your Dealer, who is qualified to give you all the advice you need for correct use and good output. It is imperative to carefully read the tool and accessory user manuals before handling or powering up the tool.

## Battery

Before using the equipment for the first time and/or following wintering, fully charge the battery (see battery manual or the manual for the tool being used)

> Hook deployment (optional)



> Cover opening










> Insert the shears then connect them



> Cover closure



> Battery connection

<b>BUILT-IN BATTERY VERSION</b>	<b>CABLE VERSION</b>
P9T120B / P9F210B / P9T210B 	P9F210 / P9T120 / P9F120 
  <b>CLICK!</b>	   <b>CLICK!</b>

> Starting the shears with the pole



Image of the HMI on standby

> Starting the pole control grip



> Starting the shears






**Installation complete, the shears are ready to use**

# USER GUIDE

## Pole HMI description

The pole command grip is started by a first press on the trigger (**IMPORTANT, the pole trigger and not the shear trigger**)

The LED lights for a few seconds and indicates the battery capacity as per the following table:

VISUAL INDICATION	BATTERY LEVEL
 Green steady	from 100% to 10%
 Red flashing	from 10% to 0%
 Red steady	CR123A battery to be replaced, the pole is no longer operational.

## The grip turns off automatically:

- if the shears are disconnected from the pole.
- if the shears are powered off using the shear on/off button.
- after 10 minutes without use.
- if the battery is disconnected.

## Telescopic pole length adjustment:

Models P9T120, P9T120B, P9T210B



### When the shears are operating on the pole:

- the ½ opening feature is no longer operational, the shears are forced to maximum opening regardless of which kit is used (standard, medium or maxi).
- The shears only operate in pulse mode.
- The shear DSES safety system is automatically disabled.
- After powering on, a first press on the pole grip trigger disables the shear trigger.



# PRECAUTIONS FOR USE AND SAFETY

Before starting the working day, make sure the battery is sufficiently charged (3 LEDs on the pruning shears).

Always disconnect the shears from the pole during operations other than pruning and ALWAYS WHEN SHARPENING OR LUBRICATING.

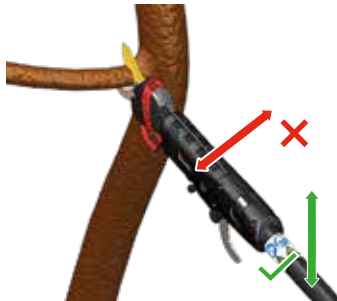
Users must be especially careful when the shears are located at the end of the pole in order to prevent any risks of accidents.

Before any use of the pole, it is essential to read your shears user manual carefully and to follow all the safety instructions.



**IMPORTANT! The pole is made of carbon, a conductive material. Do not use near sources of electricity or electric wires.**

If the shears jam following a cuts, wait for the blade to any lateral movements that the pole and the shears.



succession of jamming open. Do not make could damage both

Do not leave the pole, the battery or the shears on the ground, and do not expose them to bad weather conditions.

Make sure the battery's protective plastic casing is not cracked and does not seem to have suffered impacts or other aggressions.

When working, it is normal for the battery temperature to rise. The recommended use temperature is between  $-5^{\circ}\text{C}$  and  $35^{\circ}\text{C}$ . Use outside this temperature range may reduce tool performances.

After using the tool in the rain or in a damp environment, it is strongly recommended to store the **disconnected** device outside its case in a heated and ventilated place.

Between two pruning seasons, you do not need to disconnect the battery from the pole control grip if it is stored away from freezing temperatures and damp.

# **SERVICING AND MAINTENANCE**

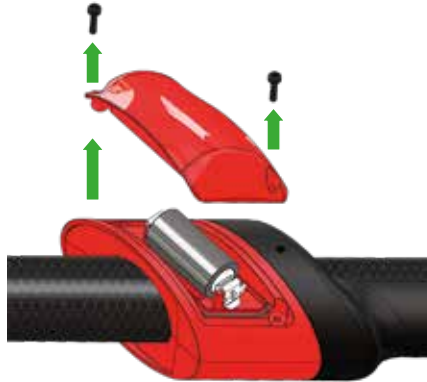
As soon as the grip's visual indicator is no longer steady green on powering up, the battery needs to be replaced.

The batteries compatible with the grip are available from your approved INFACO dealer



Only CR123A 3V max. reference batteries (INFACO ref: 978P) are compatible.  
**Never use rechargeable batteries.**

## **Battery replacement (all pole models):**



Replace the O-ring  
REF 978J every time  
the battery is replaced.



# SAFETY INSTRUCTIONS

General safety warnings concerning the tool.

**IMPORTANT.** To reduce the risk of electric discharges, injuries and fire when using electric tools, follow the fundamental safety measures indicated below. Read and follow these instructions before using the tool, and keep the safety instructions!

Outside operations related to the use of the tool, the pole and its accessories must be disconnected and stored in their respective packaging.



It is imperative to disconnect the pole from all power sources for the following operations:

- **Servicing.**
- **Battery charging.**
- **Maintenance.**
- **Transport.**
- **Storage.**

Keep all warnings and instructions for future reference. The term “ tool ” used in warnings refers to your battery operated tool (with or without a power cord).

## **1. Work area safety**

Keep the work area clean and well lit. Cluttered or dark areas are prone to accidents. Never use the equipment at night or in poor light without setting up additional lighting.

Do not operate electric tools in explosive atmospheres, in the presence of inflammable liquids, gases or dust for example. Electric tools produce sparks that can ignite dust or smoke.

Keep children and other people at a distance when using the tool. Distractions can result in the loss of control over the tool.

## **2. Electric safety**

The plugs on the electric tool must be adapted to the base. Never alter the plug in any way. Unaltered plugs and suitable bases reduce the risks of electric shocks.



Caution, the poles are made from carbon, a conductor. Do not use near sources of electricity or electric wires.

Do not expose tools to rain or damp conditions. Water penetrating inside a tool will increase the risk of electric shocks.

Do not mistreat the power cord. Never use the power cord to carry, pull or disconnect the tool. Keep the power cord away from heat sources, lubricants, sharp edges or moving parts. Damaged or tangled power cords increase the risk of electric shocks.

Never carry the charger by the cord, and do not pull on the cord to disconnect it from the socket.

### **3. Safety of persons**

When the equipment is in operation, always keep your hands well away from the cutting head.

Before cutting, anticipate the branch's trajectory once it has been cut, to avoid it falling into your work zone.

Keep constantly vigilant when using the tool. Do not work with the machine if you are tired, feeling unwell, under the influence of drugs, alcohol or medication. A small lapse of concentration when the device is running can lead to serious injuries.

Wear the specific recommended personal protection equipment for each accessory.

Use safety equipment. Always wear eye protection.

Safety equipment such as dust masks, non-slip safety footwear, hard hats or ear protection used in the correct circumstances will reduce the risk of injuries.

Not rushing and staying in a vigilant position at all times allows for better tool control in unexpected situations.

Wear appropriate clothing. Do not wear loose clothing or jewellery.

Keep hair, clothing and gloves away from moving parts.

Loose clothing, jewellery or long hair can become entangled in moving parts.

# WARRANTY CONDITIONS

Your tool has a two year warranty for manufacturing defects or faults.

The warranty applies to the normal use of the tool and does not cover:

- **damage due to poor maintenance or lack of maintenance,**
- **damage due to incorrect use,**
- **wear parts,**
- **tools that have been taken apart by unauthorised repairers,**
- **external factors (fire, flood, lightning, etc.),**
- **impacts and their consequences,**
- **used with a battery or charger other than those of the INFACO brand.**

**The warranty is only applicable when the warranty has been registered with INFACO (warranty card or online declaration on [www.infaco.com](http://www.infaco.com)) at your dealership. Do not hesitate to ask your approved INFACO dealer for assistance in completing your INFACO international manufacturer's warranty declaration.**

**If the warranty declaration was not made when the tool was purchased, the factory departure date will be used as the warranty start date.**

**The warranty covers factory labour but not necessarily dealer labour. The repair or replacement during the warranty period does not extend or renew the initial warranty.**

All failings regarding the storage and safety instructions will void the manufacturer's warranty.

Under no circumstances can the warranty entitle to compensation for any immobilisation of the equipment during the time required for its repair.

All work carried out by a person other than approved INFACO agents will cancel the tool warranty.

The repair or replacement during the warranty period does not extend or renew the initial warranty.

If the equipment breaks down, we strongly advise INFACO equipment users to contact the dealer that sold them the tool.

To avoid all disputes, please note the following procedure:

- **If the tool is still under warranty: send it to us carriage paid and we will pay the return.**
- **If the tool is no longer under warranty: send it to us carriage paid and the return will be at your expense by cash on delivery. If the cost of the repair were to exceed € 80 excluding VAT, you will be supplied with a quote.**

# **ADVICE**

**Keep your work area tidy.** Clutter in work areas increases risks of accidents.

**Take into account the work zone.** Do not expose electric tools to rain. Do not use electric tools in a damp or wet environment. Make sure the work area is properly lit. Do not use electric tools near inflammable liquids or gases.

**Protect yourself from electric shocks.** Avoid bodily contact with surfaces connected to the earth, such as battery chargers, electric multi-plugs, etc.

**Keep away from children!** Do not allow third parties to touch the tool or cable. Keep them away from your work area.

**Store your tools in a safe location.** When not in use, tools must be stored in a dry, locked location in their original packaging and out of the reach of children.

**Wear suitable work clothing.** Do not wear loose-fitting clothing or jewellery. It could be caught up in moving parts. When working in the open air, wearing rubber gloves and non-slip sole footwear is recommended. If your hair is long, wear a hair net.

**Wear protective eye-wear.** Also wear a mask if the work being carried out generates dust.

**Protect the power cord.** Do not carry the tool using its cord and do not pull on the cord to disconnect it from the socket. Protect the cord from heat, oil and sharp edges.

**Maintain your tools carefully.** Regularly check the plug and power cord condition and, if they are damaged, have them replaced by a recognised specialist. Keep your tool dry and free of oil.

**Remove the tool keys.** Before starting the machine, make sure the keys and adjustment tools have been removed.

**Check your tool for damage.** Before reusing the tool, carefully check that the safety systems or slightly damaged parts are in perfect working order.

**Have your tool repaired by a specialist.** This tool is compliant with applicable safety rules. All repairs must be carried out by a specialist and only using original parts, failure to do so could result in serious risks to user safety.

# TROUBLESHOOTING

DISRUPTIONS	CAUSES	SOLUTIONS
<b>The shears will not start up</b>	Battery flat	Charge the battery
	Bad connection between the battery connectors and the pole connectors	Check that the contacts and the battery compartment are clean.
	Bad connection between the shears and the pole power supply socket	Check that the contact is clean and the shears properly inserted in their support
	Shear cable damaged or out of order	Check the cable operation directly on the shears. If the shears operate, contact your INFACO dealer
<b>The grip will not start up</b>	Battery flat	Replace the battery (See <b>SERVICING AND MAINTENANCE</b> section on page 15). If the grip will still not start, contact your INFACO dealer

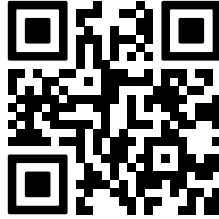


# **WARRANTY DECLARATION OUTSIDE FRANCE**

To obtain the validity of the warranty, declare the warranty **WHEN YOU PURCHASE THE TOOL**.

This warranty declaration must be made online, on: **[www.infaco.com](http://www.infaco.com)**

**or using this QR code:**



Do not hesitate to ask your approved INFACO dealer for assistance in completing your INFACO international manufacturer's warranty declaration.

# DEALER PART

Part to be kept by the dealer.

Serial number > ..... Ref > .....

Surname > .....

First Name > .....

Company name > .....

Full address > .....

.....

Town/city > .....

Postcode > .....

Phone number > .....

Purchase date > ..... / ..... / .....

Comments > .....

customer signature

# ADDITIONAL PART

To validate the warranty, **REGISTER IMMEDIATELY ONLINE ON:**  
[www.infaco.com](http://www.infaco.com), your warranty declaration or send this form filled out **IN BLOCK CAPITALS AS SOON AS THE TOOL IS PURCHASED.**

Surname > ..... First name > .....

Company name > .....

Full address > .....

.....

Town/city > ..... Postcode > .....

Phone number > .....

*Arboriculture*

*Oil growing*

Email > .....

*Wine growing*

*Parks and gardens*

Purchase date > ..... / ..... / .....

Serial number v - Ref > .....

□	□	□	□	□	□	□	□
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Comments > .....

Dealer's stamp

Dealer

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# SERIAL NUMBER

to be kept  
by the dealer  
for the INFACO customer file  
INFACO:



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# EQUIPMENT MANUFACTURED IN FRANCE



Manufacturer > *INFACO S.A.S. - 81140 CAHUZAC-SUR-VÈRE (FRANCE)*

Type > *Pole for F3020*

Ref > *P9*

Battery rated voltage > *36 Volts*

These specifications are given as an indication only. Under no circumstances may they be considered as contractually binding. They are subject to modification without prior notice in the interests of product development.

## TECHNICAL INFORMATION OR AFTER-SALES

INFACO S.A.S.

Bois de Roziès

81140 CAHUZAC-SUR VÈRE France

*Phone:* (+33) 05 63 33 91 49 - *Fax:* (+33) 05 63 33 95 57

*Email:* [contact@infaco.fr](mailto:contact@infaco.fr)

Technical videos available on the website: [www.infaco.com](http://www.infaco.com)

# CE DECLARATION OF CONFORMITY

CE-KONFORMITÄTSERKLÄRUNG / DECLARAÇÃO DE CONFORMIDADE CE

**INFACO S.A.S. declares that the new equipment designated below:**

*INFACO s.a.s. erklärt, dass die im Folgenden bezeichneten neuen Geräte :  
A INFACO S.A.S. declara que o material novo designado em seguida:*

**Portable pruning shear with electronic control**

*Elektronisch gesteuerte tragbare Astschere / Tesoura de podar portátil eletrônica*

**Brand name > INFACO**

*der Marke / Marca*

**Model > Perche pour F3020**

*modell / Modelo*

**Serial no >**

*serien-Nr / N° de série*

**Year of manufacture >**

*herstellungsjahr / Ano de fabricação*

**Complies with the provisions of the directives for**

*Folgenden Richtlinien entsprechen : / Está conforme aos dispositivos das diretivas:*

- « Appliances » (directive 2006/42/CEE)  
*Der „Maschinenrichtlinie“ (Richtlinie 2006/42/EG). / “Máquinas” (diretiva 2006/42/CEE).*
- Directive 200/14/EC « on the noise emission by equipment for use outdoors » (order of 18 march 2002) modified by the directive 2005/88/EC (order of 22 may 2006).  
*Der Richtlinie zu “Geräuschemissionen von Maschinen, die im Freien verwendet werden”, Richtlinie 2000/14/EG (Beschluss vom 18. März 2002), geändert durch die Richtlinie 2000/14/EG (Beschluss vom 22. Mai 2006). “Emissões sonoras das máquinas utilizadas no exterior”, diretiva 2000/14/CE (despacho de 18 de março de 2002) alterada pela 2005/88/CE (despacho de 22 de maio de 2006). (Valor medido da emissão vibratória, ah 1,55 m/s<sup>2</sup> (NF EN 60745-2-11 : 2009) Incerteza, K 1,50 m/s<sup>2</sup>)*
- The person authorised to compile the technical file within the company INFACO is Mr. Gregory ALVAREZ.

*Die für die Erstellung der technischen Unterlagen bei INFACO berechnigte Person ist ALVAREZ Grégory  
A pessoa autorizada a compilar o processo técnico na INFACO é o Sr. Gregory ALVAREZ.*

**Signed in > CAHUZAC SUR VERE**

*Ausgestellt in / Em*

**Date > 01/02/2022**

*Datum / A*

**Mr DELMAS Davy, INFACO Managing Director**

*Mr DELMAS Davy, Geschäftsführer des Unternehmens INFACO  
Sr. Davy DELMAS, Presidente da Empresa INFACO*

**Signature**

*Unterschrift / Assinatura*



INFACO undertakes to provide national authorities with all relevant information concerning the machine.  
*INFACO verpflichtet sich, den zuständigen nationalen Behörden die einschlägigen Angaben zur Maschine zur Verfügung zu stellen*

*A INFACO compromete-se a fornecer às autoridades nacionais as informações pertinentes relativamente à máquina.*





[www.infaco.com](http://www.infaco.com)