

# ELECTROCOUP *F3020*

THE NEW REFERENCE

# **INFACO®**



BYvert-6152145

# INFACO

In 1984, Our Chairman Daniel Delmas invented the world's first electric pruning shears: ELECTROCOUP. INFACO S. A. was then founded as a family business with authentic values.

In 1985, at the SITEVI international exhibition in Montpellier, Daniel Delmas won the Golden Palm Award for Best innovation for his invention. INFACO SA sold its first 500 ELECTROCOUP shears during the 3 days of that trade show.

Since that success, "Customer Satisfaction" has been INFACO's motto, and it has continually striven to improve the ELECTROCOUP to keep its professional wine-growing, oil-growing, fruit growing, and park and garden clients loyal.

In almost 40 years, INFACO has designed, produced and sold over 400,000 pruning shears, the F3020 being the 9th generation.

Currently, INFACO is an international business selling its tools in over forty-five countries.

Today, Davy DELMAS (the son of Daniel DELMAS) directs the business composed of 120 employees at Cahuzac-sur-Vère in south-western France (Tarn region). He is still inspired by a passion for entrepreneurship and the family values handed down from father to son.

**FRENCH HAND-HELD POWER TOOL MANUFACTURER  
FOR OVER 40 YEARS**



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

## F3020: THE 9<sup>TH</sup> GENERATION OF ELECTROCOUP PRUNING SHEARS

### Innovation at the core of our company culture

For almost 40 years now, INFACO has constantly been a precursor in its field of expertise: professional portable electric equipment.

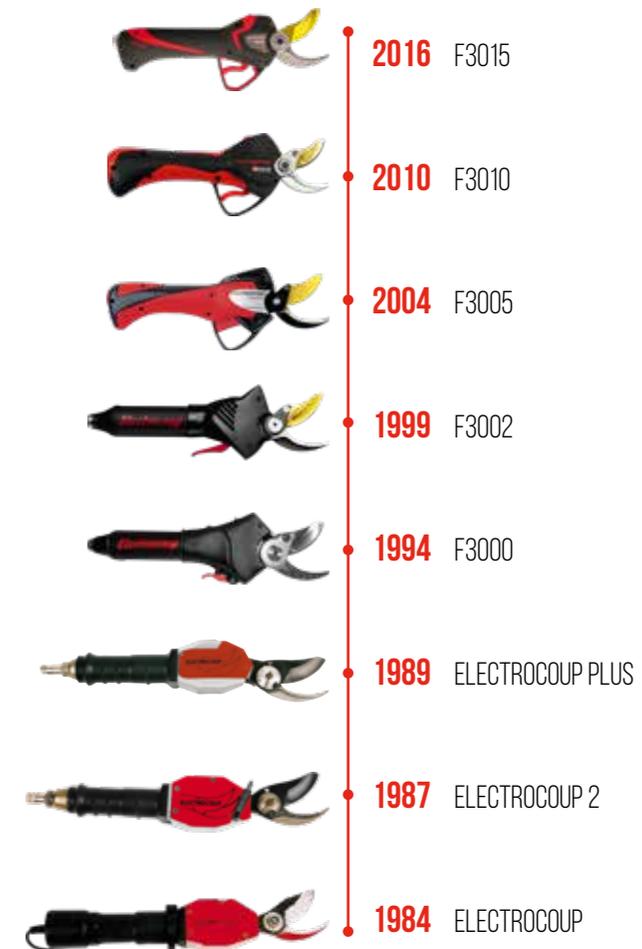
The company has a policy of increasing innovation investments through its design department so that it can offer high quality products. The true objective of the internal teams is to keep its position as leader on the electric portable pruning shear market. This investment made it possible to develop the 9th generation of the ELECTROCOUP pruning shear and thereby offer a reliable tool at the cutting edge of technology.

### An innovation driver: passion

M. Daniel DELMAS created INFACO in 1984 to try to find innovating solutions for pruning professionals. This pride in work well done and global customer satisfaction made the company's reputation. Since then, our teams have been working every day to uphold those values and allow the passion that began with M. Daniel DELMAS to live on with a basic idea in mind: your satisfaction.



2022  
F3020



## F3020: THE NEW REFERENCE

The F3020 electric pruning shear is the worthy heir to the F3015. After over 6 years of research, tests and fine-tuning, INFACO is proud to present its latest model of pruning shears. A genuine concentrate of technology, the F3020 builds on the highly respected F3015 technical base adding many improvements to allow our clients to continue using **the best tool available on the market.**

Even more effective than the F3015, the F3020 has **higher cutting speeds and improved work comfort.**

**Lighter, more compact and easier to handle** than the previous generations, the F3020 once again demonstrates the brand's will to **satisfy the greatest number.**

Loaded with technological advances, the pruning shear can now be "connected" using an optional Bluetooth® box. This new system makes it possible to report highly relevant data in order to achieve ever more effective pruning work.

This connectivity option combined with the INFACO® application provides the possibility of making a multitude of adjustments directly from a smartphone (adjustable blade opening management, blade crossing, new Soft mode speed configuration, etc.) but also offers advanced reading and analysis of the data collected during the device's use.



### ALUMINIUM BODY

The aluminium body, the major component for attaching all the pruning shear elements (made of a special aeronautics alloy), is now covered by

**a LIFETIME GUARANTEE.**



## ITS **STRENGTHS**

- + Compact & Light
- + Effective and easy to handle
- + High Cutting Capacity
- + Fast and Powerful
- + Ergonomic & Design
- + Technological & Connected
- + Wireless DSES system as standard

## TWO OPERATING MODES

Customise your tool to your requirements!

### SOFT MODE

**Progressive blade movement at slightly reduced speed**



This new mode arrived with the F3020: "Soft" mode. It is specially adapted to those who are learning the pruning trade and/or users who prefer flexible tool control rather than productivity (**F3015 speed**).

### STANDARD MODE

**Progressive blade movement at full speed**

"Standard" mode is suitable for users experienced in the use of electric tools who want to fully benefit from the cutting speed (**F3020 speed: +15% compared to the F3015**).



### ELECTRONIC ADJUSTABLE BLADE OPENING

Choose a blade opening position suited to your pruning habits.

10 easy to program positions to obtain ideal adjustable opening.



### ELECTRONIC BLADE BYPASS ADJUSTMENT

Optimise your blade service life using the electronic blade bypass system.

10 easy to program positions to obtain the ideal blade bypass.



## LITHIUM-ION BATTERY ULTRA-LIGHTWEIGHT AND COMPACT

The F3020's new Lithium-Ion Cobalt battery weighs only 698 grams compared to 810 grams on the previous version. Its voltage is now 36 volts (compared to 48 volts on the previous F3015 model). The F3020 pruning shears are still 36 volt and 48 volt compatible.

Its sleek design and reduced volume provide a day of pruning without any recharges. With its multi-purpose carrying system, the F3020 battery is easy to slip into a pocket or click to a belt, and will very quickly be forgotten during your pruning sessions.

## SPECIFICATIONS

- LITHIUM 107 Wh battery
- Weight: 698 g
- Full-day complete autonomy 8h\*
- Battery with built-in electronic management system and cell protection (BMS)
- High capacity LITHIUM cells
- POWERTOOL battery technology
- "High Power" type "Long Life" intelligence cells

\* Depending on the use and storage conditions

All specifications for our machines are given for informational purposes, they are never contractually binding and may be changed.



BATTERY WITH  
A PRO-RATED  
**5** YEAR  
WARRANTY

**INFACO Exclusive**

See guarantee terms and conditions in the user guide.



## F3020 BATTERY VEST

Designed to provide unprecedented comfort, the F3020 vest is highly ergonomic and easy to use.

Thanks to the new straight **cable system** that **ingeniously crosses the vest to the shoulder** (with arm band) it can almost be forgotten.

Benefit further from the lightweight sensations of your F3020 pruning shear and work all day without hindrance.



### 4 POSSIBLE CARRYING OPTIONS

The battery can be carried in 4 different ways:

- On a vest with straps
- On the belt (without the removable straps)
- Using the trouser belt clip
- Directly in a pocket thanks to its small format



#### NEW ARM BAND:

New, easy to use, quick fastening arm band.

**AIRFLOW**  
CONTACT SYSTEM



The belt has been designed to optimise air flow and therefore considerably reduce perspiration effects. The very small vest strap surface area also reduces back perspiration.



## NEW SHEAR HOLDER:

- Minimum size
- Secure
- Easy to use



The cutting head is protected and stored in its sheath in just two actions.



Available for the Standard and Medium heads



## THE REMOVABLE ACCESSORY HOLDER

Very convenient, to follows you throughout your work day.

The front pocket is perfect for keeping your smartphone within hand's reach.

The large zipped central pocket guarantees safe accessory storage (sharpening stone, burnishing tool etc.).

# SMART AUTOMATIC CHARGER



## Quick charge: 2h

The worthy successor to the F3015 smart automatic charger, the F3020 battery charger makes connecting easy.

## The battery no longer needs to be taken out of the vest:

For more practical use, now the battery is charged using a cable that directly connects the charger to the battery, making its use easier.

The F3020 Lithium-ion battery charger makes it possible to get a quick 90% charge in one and a half hours. Full charge is achieved in 2h (cell balancing included).

## Battery Sleep mode

The "Long Life" Sleep mode is used to place the battery into extended storage state and optimise its service life.

Recharging is no longer required during the off-season. Just press the overwintering button at the end of the cutting season, operate the charger for a few hours and store the tool in its case till next season.

# TECHNICAL SPECIFICATIONS

	STANDARD F3020	MEDIUM F3020	MAXI F3020
Weight	708 g	835 g	1,165 g
Blade opening	60 mm	70 mm	100 mm
Cutting capacity	40 mm	45 mm	55 mm
Adjustable opening function	Yes (switch)		
Blade opening adjustment	Yes		
Blade overlap adjustment	Yes		
Blade movement	Gradual		
Use mode	Standard or Soft		
ON/OFF switch on the tool	Yes		
Battery level indicator	Yes		
Aluminium body structure	Yes		
Cut prevention safety system	Yes (Wireless DSES as standard)		
"Settings" button	DSES system activation / deactivation		
<b>L 100B BATTERY</b>			
Weight	698 g		
Straight cable weight	122 g		
Right hand/left hand adaptable	Yes		
Average battery autonomy	8h, depending on use		
Complete charging time	2h (90% in 1h30)		
Rated voltage	36 V		
Charger Feed Voltage	110 V / 230 V - 50/60 Hz		
Battery wintering function	Yes		
<b>GUARANTEE</b>	<b>12 months</b> (3 years for the gear motor, the aluminium body has a lifetime guarantee)		

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Up to 3 fully guaranteed seasons (1 basic guarantee season + 2 guarantee extension seasons) if the first 2 set price services are carried out.

The guarantee extension applies to all the F3020\* parts, including the motor, gear motor, electronics, battery and charger.

\* Excluding wear parts.

## EXTRA ELECTRONIC SAFETY SYSTEM (DSES)

# WIRELESS DSES / HARD-WIRED DSES

INFACO has always considered safety to be essential. A true pioneer in the 1990s, it has never stopped investing in cut prevention solution research for its user clients. Significant Research and Development resources were used to provide you an accessible, increasingly safe and innovating solution.

### REMINDER:

The use of INFACO conductor gloves is strongly recommended to:

- Increase the safety system conductivity.
- To make the reactivity consistent on the entire hand surface.
- Reduce unwanted triggering on wet wood and/or wood that is too close to the ground.



PATENTED  
SYSTEM

## WIRELESS DSES: AS STANDARD

"SETTINGS" BUTTON:  
DSES ACTIVATION / DEACTIVATION

- short press: deactivation for a single cut
- long 10 s press: permanent deactivation

INNOVATION

CONDUCTIVE  
TRIGGER



Today, the ELECTROCOUP F3020 has taken a further step forward. **All our pruning shears are fitted as standard with the DSES Wireless feature:** Additional electronic wireless safety system (DSES).

This new safety system is composed of a conductive trigger that makes the connection between the user's body and the shears' electronic system (INFACO patents).

As soon as the cutting head touches the opposite hand (bare or wearing a glove), the pruning shear blade opens instantly, thereby preventing accidents!

**THE WIRELESS DSES SYSTEM** operates in direct contact with the skin. However, everyone has their own conductivity level. So, to guarantee a high level of conductivity, the use of INFACO conductive gloves is nevertheless recommended. They increase the signal and provide better protection (see recommendations in the instructions for use).

**Important: if you want to use gloves to protect from the cold, the system imposes wearing INFACO conductive gloves.**

The WIRELESS DSES system may sometimes trigger unintended opens on damp wood, sappy wood or when close to the ground. Wearing a conductor glove combined with calibration makes it possible to limit these phenomena.

## HARD WIRED DSES: AS AN OPTION

Contrary to the Wireless system, the “hard wired” DSES option requires wearing an INFACO conductive glove to operate. The glove is connected to a specific “hard wired DSES F3020” power supply cable.

As soon as the cutting head comes into contact with the conductive glove, the pruning shears blade opens instantly, thereby preventing accidents!

The hard wired DSES system provides user protection while reducing eventual unintended openings on damp wood, sappy wood or very close to the ground.



### REMINDER:

Hand-wash the glove at least once per week using cold, clean water without any detergent



## THE CONNECTED CONTROL BOX: AS AN OPTION

Thanks to the latest connectivity innovations, the F3020 pruning shear can be “connected” using an extra, optional Bluetooth® control box.

Connect your device directly to our new INFACO® mobile app available on Android and iOS and view all your equipment asset statistics. Follow work progress on your plots directly on a specific web platform and easily manage all the electronic settings.

Get all the actions on your pruning shear directly on the app: view your guarantee status, watch all the videos to properly use and service it and manage your tool assets with a few finger pushes.



### THE CONNECTED CONTROL BOX (OPTIONAL) / INFACO APP (FREE OF CHARGE)\*:

- Pruning shear settings
- Use statistics
- Tool asset management
- Service / Help / Video tutorials
- Points to Declare management
- Pruning work progress management (using smartphone geolocation)

App and control box available in autumn 2022 (IOS & Android)

## THE KITS: VERSATILITY, 3 TOOLS IN 1

Like its predecessors, the F3020 gives you the possibility of changing the cutting head yourself depending on the work you want to do. The tool's main asset is its versatility, thanks to the Medium and Maxi kits. It only takes 5 minutes to easily transform your shears for other occasional or permanent pruning applications.

We are proud to offer the only shears in the world with 3 interchangeable heads with adjustable blade opening system and DSES safety system.

**F3020 is available from the factory in Standard or Medium versions.**

**Change the cutting head yourself simply, depending on your needs.**



STANDARD KIT Ø 40 mm

Ideal for pruning grape vines and suitable for orchard pruning. This kit is the best compromise between cutting rate and power.



MEDIUM KIT Ø 45 mm

Increase your tool's cutting capacity using the Medium kit which is specially designed for fruit-growers, forestry and landscaping. This kit offers a higher cutting capacity while maintaining a speed adapted to your application.



MAXI KIT Ø 55 mm

Perfect for cutting back vines and fruit tree transformation. Lighter than the previous kits thanks to its single part blade. It is also an essential tool for tree lopping in forestry work and all work in parks & gardens. The Maxi kit will give your F3020 unrivalled cutting capacity.

STANDARD



MEDIUM



MAXI



## A REFERENCE FOR YOUR WORK AT HEIGHT:

### F3020 POLE

Working a height has never been easier.

The INFACO design office engineers have completely revolutionised the pole system to propose an innovating and ergonomic solution.

Simply clip your F3020 pruning shear to the end of the pole and the battery to the other end: that's it, your tool is ready for use. **Forget the previous cables and operate your tool using a wireless Bluetooth®** trigger system housed in the sliding grip making it very easy to use.

Benefit from optimised balance thanks to the weight distribution but also increased battery safety in bad weather.

The tool versatility will be appreciated by users, whether for large cuts or overhead work.



#### SLIDING GRIP:

Pruning shear control using **BLUETOOTH® TECHNOLOGY**



#### FIND THE POLE YOU NEED:

REFERENCE	POLE SIZE (PRUNING SHEAR INCLUDED)	FIXED	TELESCOPIC		
P9F120	1.37 m	X		X	
P9T120	1.47 m to 2.12 m		X	X	
P9T120B	1.56 m to 2.20 m		X		X
P9F210	2.27 m	X		X	
P9F210B	2.36 m	X			X
P9T210B	2.46 m to 4.00 m		X		X



## THE ELECTRIC SHARPENER

**SHARPEN YOUR BLADES IN RECORD TIME**

**Keep the blade profile sharp easily and in record time** using the INFACO electric sharpener.

Sharp blades reduce the cutting force exerted on the motor and its mechanics, thereby protecting your tool.

Thanks to its 3-pad connection technology, the A48v3 electric sharpener is now compatible with the ELECTROCOUP F3005 – F3015, F3015 and F3020 batteries.

It saves significant time on daily sharpening. Optimise your blades for a higher yield from your pruning shears with the A48v3.

**This sharpener runs on your battery to sharpen your pruning shears directly where you are working.**

### Get a slicing blade edge:

The INFACO tungsten carbide burnisher tool maintains a good cutting edge on the blade. A sharp blade guarantees faultless cuts and reduces the risk of spreading wood diseases.

In addition to the 2 recommended daily sharpening sessions, we advise that you use the new INFACO carbide burnisher.

Using it every hour maintains the cutting side of your blade edge. Your cuts will be even neater!

### FOR CORRECT SHARPENING:

- 1 Sharpen 2 times / day**  
using a stone or an electric sharpener
- 2 Burnish every hour**  
using the INFACO carbide burnisher

Demonstration  
video



## NEW CARBIDE BURNISHER INFACO:



MADE IN FRANCE

## FRENCH MANUFACTURE LABEL

### “GUARANTEED FRENCH ORIGIN”.

The “Guaranteed French Origin” label mainly allows the company to proudly display its commitments to local players and thereby guarantee consumers a high quality product that is in line with highly appreciated French know-how. Such a label is the guarantee of quality that provides full traceability from the selection of parts that must mainly be produced in France, to the product design and final production.



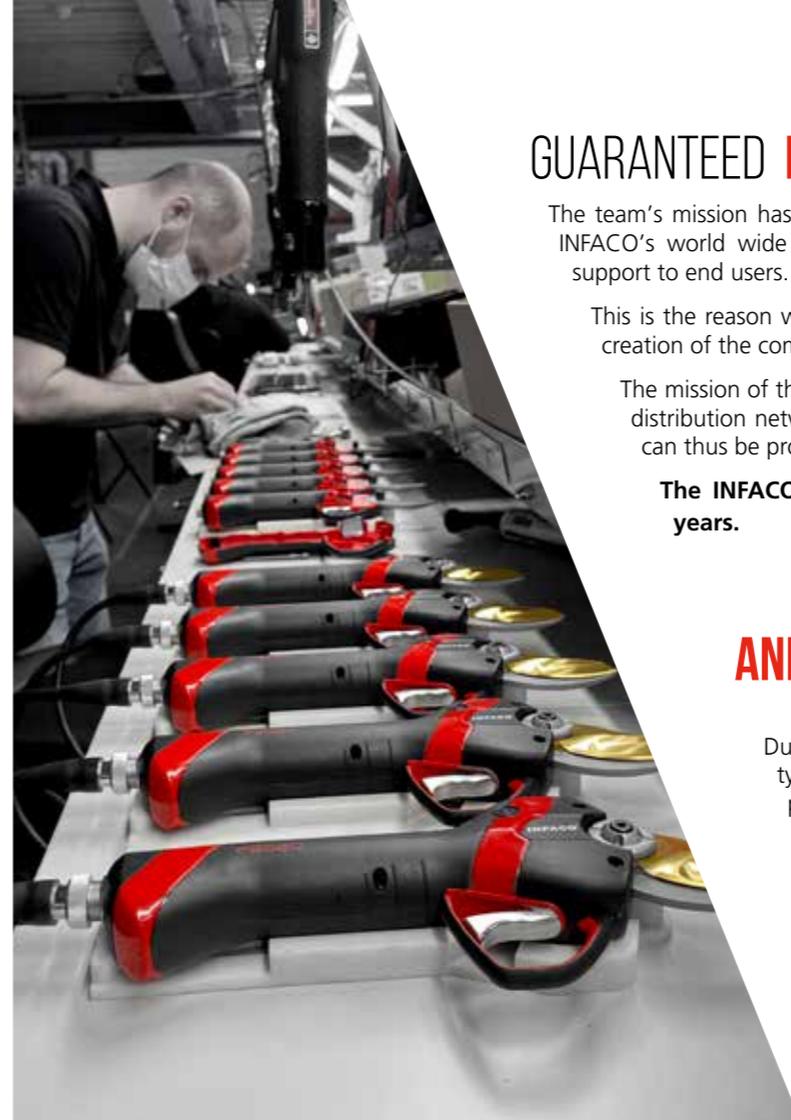
BVcert. 6152145

**100% of INFACO pruning shears are manufactured in in Cahuzac sur Vère, in the Tarn area of France.**

Producing quality tools and developing French production has been INFACO’s policy since it was created in 1984.

Quality and reliability have always been our core concerns. From design, through production, to marketing, then our after-sales department, we want to offer users excellent products and services that fulfil our strong human values.

We are humbled by this label, the pride of the company and an illustration of the know-how it strives to perpetuate over the years, with the sole objective of satisfying our users by providing certified, high quality products.



## GUARANTEED **PROFESSIONAL CUSTOMER SERVICE**

The team’s mission has been to continuously provide technical assistance and training to INFACO’s world wide distribution network, allowing for a fast professional after-sales support to end users.

This is the reason why Mr. Daniel DELMAS set up a technical sales team, as from the creation of the company.

The mission of this team is the continuous technical training of INFACO’s worldwide distribution network, all year long. A fast, professional and local after-sales service can thus be provided to users.

**The INFACO customer service has proved its efficiency for the last 40 years.**

## **ANNUAL MAINTENANCE**

During the off-season, INFACO offers an annual maintenance on their tying machines and shears with a precise servicing and upgrading procedure.

That way, thousands of annual maintenances are managed by our worldwide network.

Highly appreciated by all of our users, the annual maintenance ensures that our tools are operational and ready to start a new season with complete peace of mind..

## OUR DEALER NETWORK

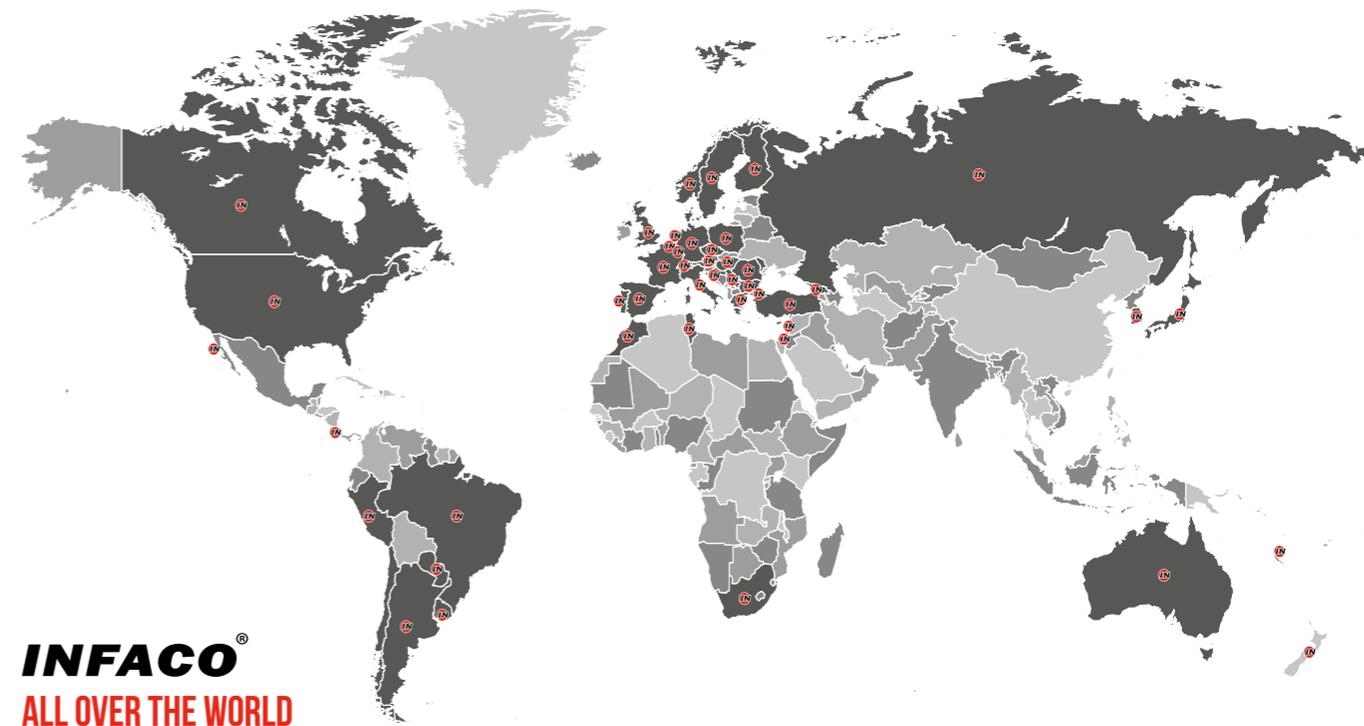
Our distribution network will help you with any information you need to know about your INFACO tools.

Its staff is continuously trained by our technical sales team to be able to best meet your expectations.

**When you become an INFACO user, you get a quality product, but also and above all you get local technical support from your approved dealer.** Such assistance is a major concern for INFACO, and is highly appreciated by all the users.

Furthermore, you have direct access to a "Customer Support" hotline at INFACO all year round to answer all your questions.

The INFACO company works in close cooperation with its authorized distribution network. All our dealers play an important part in the customers general satisfaction. Our dealers provide INFACO service. They are available to provide use advice, sales, product implementation or technical support



**INFACO**<sup>®</sup>  
**ALL OVER THE WORLD**

IN ALMOST 50 COUNTRIES



# **INFACO<sup>®</sup>**

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**YOUR DEALER**

