

INFACO[®]



TYING
MACHINE

AT1000/36



OTHER LANGUAGES

ORIGINAL USER GUIDE - **EN**





AT1000

With built in removable battery



AT100036

Compatible with F3020 and
F3015 offset batteries

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PRECAUTIONS BEFORE USE



WARNING Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference. The term «power tool» in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

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.

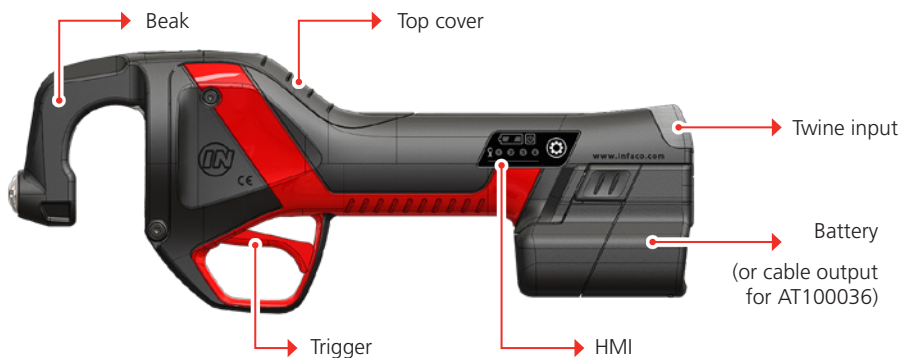
> Ask the approved INFACO dealer for up-to-date information on the eco-compatible elimination of waste.

CASE CONTENTS

AT1000	AT100036
AT1000 tying machine	AT100036 tying machine
AT185BC battery (second battery available as an option)	/
110/220Vac charger	/
Mains power cord	/
Tool carrier belt	Reel strap (compatible with F3020/F3015 belt)
Wire reel feeder	
Pliers	
Oil can	
User manual	

GENERAL PRODUCT VIEW

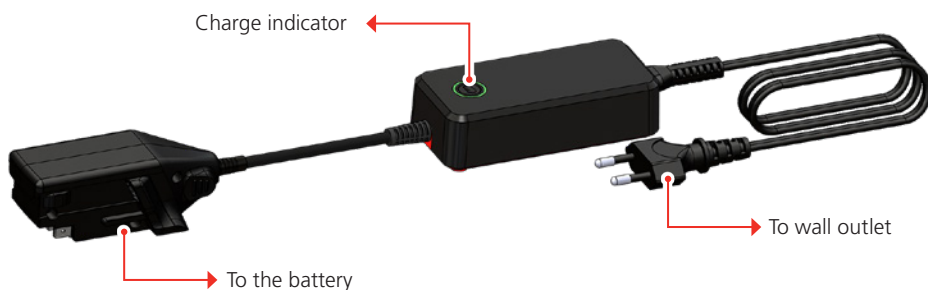
Tying machine



HMI (Human Machine Interface)



Charger*



****For the AT100036, see the F3020 or F3015 pruning shear manual depending on model being used**

SPECIFICATIONS

	AT1000 TYING MACHINE	AT100036 TYING MACHINE			
Max. power	Electric: 176W				
Power supply	10.8V		36 V or 48 V		
Weight	≈ 845 g / 21.69 oz		≈ 680 g / 21.69 oz		
Dimensions	300 mm x 115 mm x 65 mm / 11.81" x 4.5" x 2.5"				
Max. tie	Ø 28 mm / 1 7/64 inches				
Cycle speed	<0.5 s				
	AT185BC BATTERY		L 100B BATTERY*		
Rated voltage	10.8V		36V		
Technology	Li-ION - 18/650 - 3S1P mounting		Li-ION - 18/650 - 10S1P mounting		
Capacity	3.35 Ah / 36 Wh		3 Ah / 108 Wh		
100% Charging time	3 hours		2 hours		
Autonomy	about 8,000 ties		about 30,000 ties		
Weight	230 g / 7 oz.		698 g / 7 oz.		
Dimensions	80 mm x 60 mm x 65 mm / 11.81" x 4.5" x 2.5"		150 mm x 83 mm x 58 mm / 11.81" x 4.5" x 2.5"		
	AT180CC CHARGER		941C CHARGER*		
Input	110 V / 230 V - 50/60 Hz		110 V / 230 V - 50/60 Hz		
Output	12.525V – 1.2A		42 V – 2A		
Power	15W		84W		
Fuse	0.5A		3.15A		
	TIE REELS**				
References (sold in boxes of 20 reels)	ATCB36	ATCB40	ATCB44	ATCB50	ATCB236
Wire diameter	0.36 mm / 0.014"	0.40 mm / 0.015"	0.44 mm / 0.017"	0.50 mm / 0.020"	2x0.36 mm / 0.014"
Number of ties	Over 3000 ties				Over 2600 ties
Length	400 m / 1312 feet				350 m / 1148 feet
Tie strength***	8 to 12 months				

* For users of the F3015 battery (ref: 831B), see F3015 manual, "Specifications" section.

** INFACO strongly advises against the use of non-INFACO brand reels. They can cause loss of performance (premature tie breakage) and machine malfunctions not covered by the warranty.

*** The duration of link degradation is given as an indication and depends on a number of external factors. 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.

WIRE SELECTION



Our paper wire range has been eco-designed (without glue additives or plastic) to hold the cane during the first months of growth, then gradually degrade to simplify the removal of canes during pruning.

Wire selection is based on the following parameters:

- Geographic area and climate stress (windy regions, heavy rainfall...)
- External factors accelerating wire oxidation (salty environments, chemical treatments...)
- Number of ties per cane
- Presence of lifting wires + lifting period (early or late)
- Vine vigor
- Previous tying experience*

Without tying experience and/or first trial with paper ties, always prefer a higher number of ties and a thicker wire (0.44 or 0.5 mm). Ideally, base your choice on a preliminary trial.

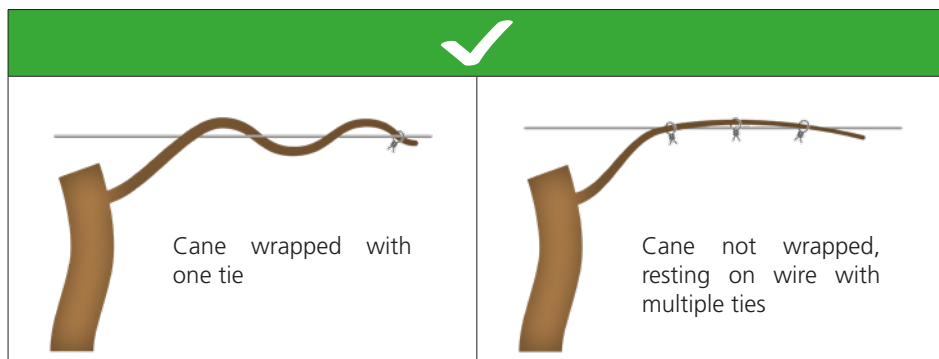
0,36 mm	0,40 mm	0,44 mm	0,50 mm	2 x 0,36 mm
<ul style="list-style-type: none"> • Light wind / low rainfall • Inland regions • Early lifting 		<ul style="list-style-type: none"> • Moderate to strong wind / rainfall • Coastal regions • Late lifting 		Special wire offering excellent hold for the first weeks, then rapid degradation to ease cane removal

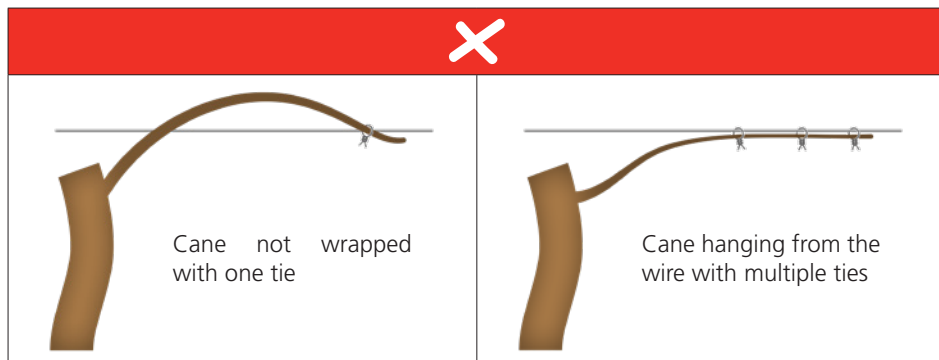
Precautions for tying methods:



A tie is not meant to support the weight of the harvest. It is intended to secure the cane to the support wire during the vegetative growth phase, before lifting.

It is therefore important to wrap the cane around the support wire for better tie strength or to increase the number of ties per cane.





INFACO declines all responsibility and cannot be held liable in case of premature wire breakage, regardless of the cause.

USER GUIDE

First use

The first time you use the machine, we strongly recommend you get advice from your dealer who is qualified to provide 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

Carry out a full charge before first use:

- AT1000: see section "Battery charging", page 14
- AT100036: see "Recharging the battery" section in the F3020 or F3015 manuals depending on the use.



Each lithium battery must be recharged using its own INFACO lithium charger, namely:

- **AT1000:** AT1000 battery ref. **AT185BC** / AT1000 charger ref. **AT180CC**
- **AT100036:**
 - F3020 battery ref. **L100B** / F3020 charger ref. **941C**
 - F3015 battery ref. **831B** / F3015 charger ref. **841C1/841C2**

Using a different charger is prohibited as it may cause a serious electrical accident (explosion and/or fire).

Carrying the AT1000

- Place the belt around the waist;
- Position the feeder by passing the hooking ring on the holding strap on the side of your choice;
- The tool carrying bag at the back is used to carry a spare reel and tools (pliers and oil can);
- The machine can be hooked onto the holding strap on the opposite side to the feeder when moving around or for any operations requiring the hands to be free.



Carrying the AT100036

- Carrying is the same as for the F3020 or F3015 pruning shears (see corresponding instructions in the "Use Guide" section, "Carrying the machine" paragraph);
- Complete the carrying system by adding the feeder strap to the battery-carrying belt



In rainy weather, we recommend storing the spare reel in a waterproof bag to avoid any risk of damp.

Powering on



Always keep your hands away from the work area when the machine is running.



1. • AT1000: Connect the battery to the machine
• AT100036: Connect the cable to the battery and then to the machine

The machine is switched on in sleep mode.

2. Pull the trigger twice to exit sleep mode.
3. The product is ready for use.



There is no on/off button on the machine. The battery must be disconnected to power it off. It has an automatic sleep mode after 3 minutes of non-use (the power LED flashes green).

PRECAUTIONS FOR USE AND SAFETY

For use throughout the working day, make sure the battery is fully charged (3 LEDs lit on the product).

Always disconnect the battery from the product for all handling other than tying, **especially lubricating, cleaning and maintenance.**

Do not leave the product and/or the battery on the ground, and do not leave them exposed to the elements.

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 product and battery temperature to rise (as well as when charging). The recommended use temperature is between 23°F (-5°C) and 95°F (35°C). Use outside this temperature range may reduce tool performances.

After having used the machine in the rain or in a damp environment, it is strongly recommended to store the (disconnected) machine outside its case in a heated and ventilated location.

USE

Loading the reel



The use of non-INFACO brand reels can cause machine breakdowns. In such cases, users are warned that any malfunctions that may occur are **NOT COVERED BY THE WARRANTY**.

1. Open the zipper on the feeder.
2. Remove the staple without removing the label that holds the reel.
3. Take the **inner wire** and insert the reel into the feeder.
4. Insert the wire into the wire exit nozzle on the feeder.
5. Re-zip the feeder.



Reel replacement

1. Remove label from empty reel and check that there is no residue inside the **reel**.
2. Check that there is no residue inside the **machine** (see details in the "Maintenance" section page 20).
3. Repeat the same operations as when loading a reel.

Loading the twine

Pass the twine through the opening until it stops, then pull the trigger to load the twine.



Each time the reel is replaced, the first tie may not be correct. Remove the residual twine from the beak, then repeat the tying operation.



Creating a tie



- 1 Take the end of the rod and the trellis wire firmly in your free hand and bring the AT1000 close.



- 2 Insert **the rod + the trellis wire** inside the beak. Pull the trigger to create the tie.



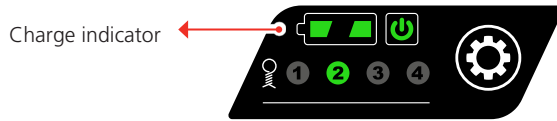
- 3 Remove the rod + the trellis wire from the beak.



- 4 The tie holds the rod to the trellis wire.

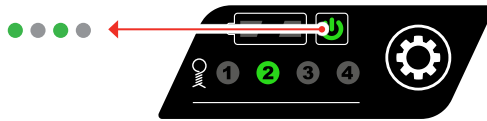
Battery charge level

The battery charge level is indicated by the three LEDs on the product's charge indicator.



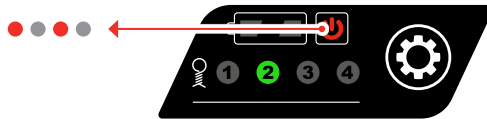
Battery low state:

When the last LED flashes green, the battery charge is less than 10%.



Battery flat state:

When the battery is completely flat, the product stops. The last LED switches to fast flashing red. The battery must be recharged (see page 14).



Automatic standby switching

The electronics have an automatic standby mode after 3 minutes of non-use (power LED flashing green).

Exiting standby mode

To restart the machine, pull the trigger twice.

Automatic product shut down

The product has an automatic shut down that cuts the power supply to the product if not used for 15 minutes. Pull the trigger once to switch it to standby mode.

Stopping the product

Remove the battery to power off the product.

BATTERY CHARGING



For users of the AT100036, refer to the “Recharging the battery” section in the F3020 or F3015 pruning shears manual depending on the use. The information given below (from pages 13 to 16) only applies to the AT1000 (with built-in battery).

The battery autonomy makes it possible for **8,000 ties to be made (30,000 for the AT100036)**.

If you plan more ties per day, we advise **recharging the battery for at least 1 hour** during the lunch break. For extra autonomy, consider purchasing a second battery.

Note: a few minutes before your battery is completely flat, the AT1000 may experience a slight loss of performance.

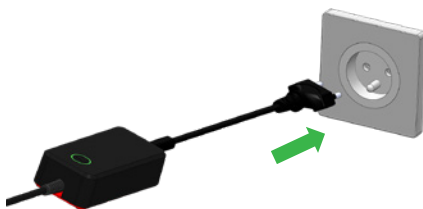
Using the charger

To charge the battery, plug in the charger in a well ventilated area which is free from inflammable products, sources of ignition and damp. The ideal ambient temperature should be between 50°F and 77°F..

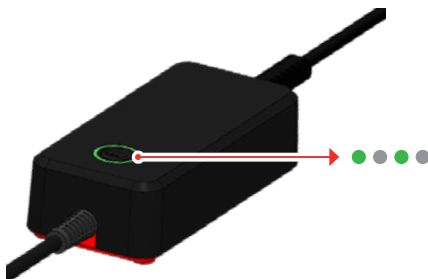
- 1 Connect the power cord to the charger.



- 2 Connect the power cord to the outlet.



- 3 The charger initialises when it is powered on. The status LED flashes green, the charger is ready to use.



Charging the battery



Charging batteries when the temperature in the room is below 32°F (0°C) or higher than 104°F (40°C) is strictly prohibited.

Neither the battery nor the charger must be covered, close to a heat source or to inflammable products during charging.

The time needed to **fully charge the AT185B battery is about 3h.**

- 1 Commissioning the charger.

- 2 Connect the battery to the charger's output cable.

- 3 When the battery is charging: the charger detects the battery and starts charging, The status LED lights steady yellow.



- 4 Battery 80% charged: the status LED flashes yellow.



Battery removed before the full charge: the status LED flashes red and yellow. ●●●●

- 5 Battery 100% charged: the status LED switches to steady green.



Battery storage instructions

Store the battery and charger in a well ventilated area, free from freezing temperatures, flammable products, and ignition or heat sources, and keep out of the reach of children.

Inter-season storage: the battery must be stored after a full charge. Do not store empty batteries. Even when not in use, the battery charge level decreases. If the battery reaches a highly discharged status, it will no longer charge and will be considered out of service.

Do not store out of service batteries. Return them to an approved INFACO dealer.

Do not store batteries when they are connected to the charger or to a tool.

Do not store the charger connected to the wall outlet.



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



There is a fire hazard if the product suffers damage (impacts, being dropped, exposure to high temperatures, etc.).



According to the 2002/96/EC standard, do not dispose of the battery with household waste, do not burn it or dispose of it in water. Do not open the battery.



Return the battery to an approved INFACO dealer.

Used or defective batteries must be recycled according to the 91/157/EEC directive.

Charger safety

Battery not connected indication:

The charger is connected to the mains power outlet: the status LED flashes green, the charger is ready for a battery.

To attempt to wake up deeply discharged batteries, the charger will apply short pulses.



Error indication:



Contact the nearest dealer in the following cases:

- LED off (●): the battery voltage is too high. Check the battery voltage;
- 2 flashes (● ● ● ●): the battery is connected to the charger with an incorrect polarity;
- 3 flashes (● ● ● ● ● ●): the charger output is short-circuited. Check the output cable connection;
- 4 flashes (● ● ● ● ● ● ● ●): the battery voltage is too low to be recharged safely;
- 5 flashes (● ● ● ● ● ● ● ● ● ●): the safety timer has expired. Check the battery condition or capacity;
- 6 flashes (● ● ● ● ● ● ● ● ● ● ● ●): defective battery.
- continuous alternating red and yellow flashing (● ● ● ● ● ●): temperature sensor fault.

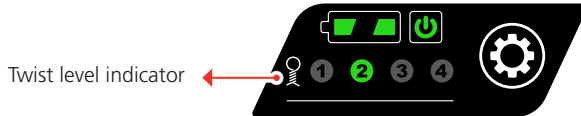


The INFACO lithium charger (ref.: AT180CC) is only for use with AT1000 Lithium batteries (Ref: AT185BC). It is not suitable for other batteries.

TWIST LEVEL ADJUSTMENT



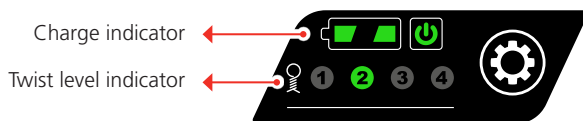
Always keep your hands away from the work zone when the machine is powered on.



- The number of twists can be set from 4 to 8 depending on the selected level. Four different levels are available. The number of twists increases the strength and tightness of the loop. **The setting for a standard knot is segment 2.**
- Level 4 is specific to tying large rods, arches or even pipes. This level releases more wire length for the tie.
- To adjust the number of twists, briefly press the settings button several times to reach the required value.

Ask your dealer for advice on the best setting for your region, the type of twine you should use and the way you should tie it.

LED INDICATIONS



The product is operational



Steady green LED: the product is ready for use.



1 flashing green LED: the product is in standby mode. Pulling the trigger twice will exit standby mode.

Overheating pause (temporary product shutdown)



1 flashing orange LED: the tool has overheated, wait for the machine to cool down.

Battery flat (Product shutdown)



1 flashing red LED: battery flat. It must be recharged (see page 14).

Safety (product shutdown)



1 steady red LED: machine fault. Unplug the battery to power it off, or press the "settings" button on the twist to acknowledge the fault. If the problem persists, contact a dealer.

Twist indicator

The twist indicator is used to determine the fault.



Level 1: Twine output jam



Level 2: Reel/cutting jam



Level 3: Stem jam



Level 4: Internal problems

If the problem persists, contact a dealer.

SERVICING



Always remove the battery before working on the product

Product cleaning



- 1** Locate ridges where beak meets the body and press down while pushing forward.



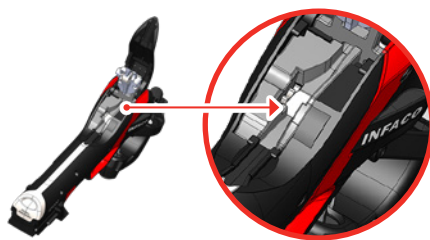
- 2** Open the top cover by pulling back and lifting it..



- 3** Raise the press roller towards the top cover.



- 4** Clean all residue from the twine passage.



- 5** Check that there is no residue in the beak, otherwise clean it.

- 6** Proceed in reverse order to close the machine (operation 3 to 1).

Recommendations: avoid using any corrosive products that could damage the machine. When in doubt, contact INFACO for the choice of products to be used.



Always remove the battery before working on the product



Replacing twisting mechanism

1

Open the beak by pressing ridged area down while tilting it forward.



2

Use the "Torx T8" bit. Unscrew the screw while holding the twisting mechanism.



3

Remove the old twisting mechanism and replace it with the new one.



4

Use the "Torx T8" bit. Screw in the newly provided screw while holding the twisting mechanism.

5

Close the machine beak.

Lubrication (once per week)

- 1 Open the beak by pressing the ridged area down while tilting it forward.



- 2 Open the top cover by pulling back and lifting it.



- 3 Raise the press roller towards the top cover.



- 4 Lubricate the press roller shaft using the oil provided in the case. **Do not apply oil to the roller teeth.** Lower the press roller, then close the top cover holding it down while pushing it towards the beak to clip it in place.



- 5 Lubricate the clamp. Close the beak.



The tying machine is ready for use.



Always remove the battery before working on the product



YEARLY MAINTENANCE

Every year or every 400,000 ties, it is strongly recommended to carry out an annual check. This will let you start the next season under the best conditions and in complete safety.

Annual maintenance advice:

- Clean the inside of the machine (dust, cut wires);
- Check clearances/bearings/wire guides;
- If necessary, replace the knife/clamp/twister;
- Check and lubricate the gears/cam.

TROUBLESHOOTING

Failed tie

Repeat the tie process. If the problem persists proceed as follows:

1. Open the beak.
2. Check that there is no residue that could prevent the passage of the wire.
3. Use the pliers to clean the residue from the knife area.
4. Check that the wire is in good condition.
5. Close the beak.
6. The tying machine is ready for use.



Twine jam

- 1 Open the beak by pressing the ridged area down while tilting it forward.



- 2** Open the top cover by pulling back and lifting it..



- 3** Raise the press roller towards the top cover.



- 4** Remove the twine jam by smoothing or cutting it. Clean all residues from the twine passage.



- 5** Pass the twine through the knife nozzle, and let it protrude by 5 to 6 cm / 2 to 2.5 inches.

- 6** Lower the press roller, then close the top cover holding it down while pushing it towards the beak to clip it in place.



- 7** Give the twisting mechanism one full clockwise turn to cut the excess twine. If the twisting mechanism stops against the clamp, push the clamp in manually.



- 8** Close the beak. The tool is ready for use.



TRANSPORT AND STORAGE



The information given in this section only applies to the AT1000 (with built-in battery).

For AT100036 users, see the F3020 or F3015 manual, depending on use, in the “Recharging the battery” section, “Winterizing the battery” and “Battery storage instructions” paragraphs, as well as in the “Transport precautions” section.

Transport precautions

Some rules must be followed when shipping using a carrier:

- The assembly must be fully disconnected (product, cable, battery).
- It is compulsory for the battery to be placed in the housing provided in the case. The case must be taped shut correctly to prevent any risk of it opening.

Inter-seasonal storage

During the off-season, remember to recharge your battery before storing it.

The case is intended for the storage or transport of the tying machine, store all the equipment as defined in the case contents section (page 4).

Then store the case in a dry location, **between 10°C / 50°F and 25°C / 77°F** maximum.

SAFETY INSTRUCTIONS

Work area safety

Keep work area clean and well lit. Cluttered or dark areas invite accidents.

Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

When working at height, use appropriate and adapted resources (scaffolding, platform, etc.).

Electrical safety

Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

If one of the cords is defective or damaged, it must be replaced with a genuine cable or assembly from the INFACO factory or from an approved INFACO dealer.

Do not expose the battery or the charger to high temperatures (sun, heating, etc.) above 60°C / 140°F. Do not charge the battery at temperatures below 0°C / 32°F or above 40°C / 104°F.

Do not charge the battery near flammable or explosive materials (fuel, gas, nitrogenated fertilisers, etc.).

Never leave to charge for extended periods without surveillance.

Personal safety

Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

When the machine is in use, always keep the hands well away from the work zone. Do not work with the product if you are tired or have any disorder that could impair your concentration.

The device is not designed to be used by persons (including children) with reduced physical,

sensory or intellectual capacities, or by any person who does not have experience or knowledge, unless they have received prior training or instructions on the use of the device from a person in charge of their safety

To reduce health risks, INFACO recommends that people wearing a pacemaker should consult a doctor and the pacemaker manufacturer before using this system.

Power tool use and care

Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

Battery tool use and care

Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or

Do not charge the battery near flammable or explosive materials (fuel, gas, nitrogenated fertilisers, etc.).

Never leave to charge for extended periods without surveillance.

Service

Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

For all handling other than tie operations, the product must be disconnected from the battery.

Important: when the machine is not in use (storage, transport, end of charging, etc.) is it compulsory to disconnect the battery. It is imperative to disconnect the product from the battery for the following operations:

- Putting on or taking off the belt;
- Maintenance or work on the product;
- Any use other than for tying operations;

Never try to open the battery for any reason.

Never make any mechanical alterations to the battery, harness, charger or connectors. Never let the battery or charger come into contact with water.

Do not use chemicals to clean the machine (product, cords, batteries and charger).

INFACO declines all liability for injuries and/or material damage caused by the use of equipment containing defective parts.

WARRANTY CONDITIONS

INFACO cannot be held liable or accept claims under the warranty, regardless of the cause or legal basis, for any defect, damage and/or prejudice whatsoever resulting from (1) storage, use, maintenance and/or intervention on the equipment by the user contrary to the instructions in this manual (in particular the safety instructions); and/or (2) use of the equipment containing defective parts and accessories. In all cases, the user is required to demonstrate that they have scrupulously respected all equipment storage, use, maintenance and safety instructions.

There is a full one-year warranty on the machine (possibility of an extension to two seasons (see section below).

The warranty is only applicable when it has been registered with INFACO (warranty card or online declaration on www.infaco.com) at a dealership. Do not hesitate to ask an 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.

INFACO declines all liability in terms of warranty for devices sold by distributors more than one year from their departure from the factory.

This warranty corresponds to normal use of the equipment and does not cover:

- damage due to poor maintenance or lack of maintenance;
- damage due to incorrect use;
- damage due to normal wear;
- damage caused by the use of non-INFACO brand wire reels;
- devices that have been dismantled by unauthorised repair agents;
- external factors (fire, flood, lightning, etc.) ;
- impacts and their consequences;
- machines for which the warranty declaration was not made at the time of purchase;
- devices used with a battery or charger of a brand other than INFACO.

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

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

The warranty covers factory labour (on condition that the device has always been serviced) but does not necessarily apply to dealer labour costs.

All work carried out by persons other than authorised INFACO agents will void the INFACO warranty.

In the event of a breakdown, we strongly recommend users of INFACO equipment to contact the dealer who sold them the equipment, or our customer services by dialing +33 (0)5 63 33 91 49.

To avoid all disputes, please note the following procedure:

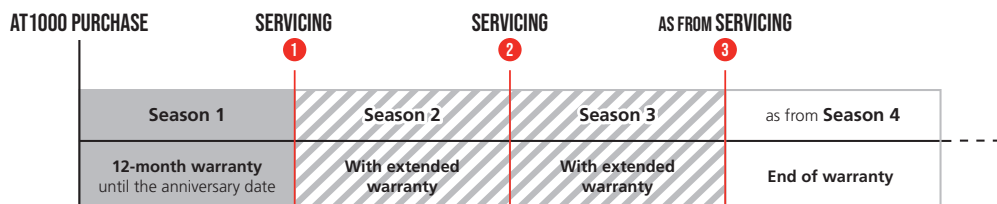
- **Equipment covered by the warranty:** send it to INFACO carriage paid and the return will be covered;
- **Equipment not covered by the warranty but which was serviced during the previous off-season:** send it to INFACO carriage paid and the return will be paid for;
- **Equipment not covered by the warranty and not serviced during the previous off-season,** send it to INFACO carriage paid and the return will be paid for by the owner, C.O.D. If the cost of the repair were to exceed € 80 excluding VAT, a quote is issued.

ANNUAL MAINTENANCE

An extended warranty that covers the first three seasons is available when customers purchase a service package.

Important: in order to benefit from the extended warranty for the first three seasons, it is **imperative** to carry out the paid servicing **at the end of the first season**.

If, during the first 3 seasons following the purchase of your machine, one of the servicings is not carried out, the warranty extension will be cancelled.



WARRANTY DECLARATION OUTSIDE FRANCE

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

This warranty declaration must be made online, on: www.infaco.com or using this QR code:



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

DEALER PART

Be kept by dealer.

Serial number > Ref >

Surname >

First Name >

Company name >

Full address >

.....

Town/city >

Zipcode >

Phone number >

Purchase date > / /

Comments >

customer signature

ADDITIONAL PART

To validate the warranty, **REGISTER IMMEDIATELY ONLINE ON:** www.infaco.com, 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 > Zipcode >

Phone number >

Email >

Purchase date > / /

Serial number v - Ref >

--	--	--	--	--	--	--	--

Comments >

☐ *Arboriculture*

☐ *Olive growing*

☐ *Viticulture*

☐ *Parks and gardens*

Dealer stamp

Serial number

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DEALER

To be kept
by dealer
for INFACO customer file



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EQUIPMENT MANUFACTURED IN FRANCE



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

Type > *Tying machine*

Ref > *AT1000 and AT100036*

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

Technical videos available on the website: **www.infaco.com**

DECLARATION OF CONFORMITY (CE)

DECLARACIÓN DE CONFORMIDAD CE / DICHIARAZIONE DI CONFORMITÀ CE

INFACO s.a.s. declares that the new machine indicated below:

INFACO s.a.s. declara que el material nuevo designado a continuación:

INFACO s.a.s. dichiara che la macchina nuova indicata di seguito:

INFACO electric tying machine

Atadora eléctrica INFACO / Lagatrice elettrica INFACO

Brand > INFACO

De marca // Marchio

Model > AT1000 / AT100036

Modelo // modello

Serial number >

N° de serie // N° di serie

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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<input type="text"/>

Year of manufacture >

Año de fabricación // Anno di fabbricazione

Is compliant with the provisions of directives:

Cumple con las disposiciones de las directivas : // È conforme ai dispositivi delle direttive:

- "Machinery" (directive 2006/42/CEE).

"Máquinas" (Directiva 2006/42/CEE). // "Machine" (direttiva 2006/42/CEE).

- "Sound emissions for machines used outdoors" directive 2000/14/EC (order of 18 March 2002) amended by 2005/88/CE (order of 22 May 2006).

"Emisiones sonoras de máquinas utilizadas al exterior" Directiva 2000/14/CE (Decreto del 18 de marzo de 2002) modificada por la 2005/88/CE (Decreto del 22 de mayo de 2006).

"Emissioni sonore macchine utilizzate all'esterno" direttiva 2000/14/CE (decreto del 18 marzo 2002) modificata dalla 2005/88/CE (decreto del 22 maggio 2006).

AT1000 Tying machine

Weighted sound pressure level A at the work station, LpA (NF EN 60745-1-11: 2009) 72 dB(A)

Nivel de presión acústica ponderada A en el puesto de trabajo, LpA

Livello di pressione acustica ponderato A sul luogo di lavoro, LpA

Uncertainty *Incertidumbre // Incertezza*

KpA 3 dB(A)

(Measured vibratory emission value, ah (NF EN 12096)

5,3 m/s²

Valor medido de emisión vibratoria, ah // Valore misurato di emissione vibratoria, ah

Uncertainty *Incertidumbre // Incertezza*

1,5 m/s²

- "Electric chargers" (directive 2004/108/EEC) and the national regulations enacting them.

"Cargadores eléctricos" (Directiva 2004/108/CEE) y los reglamentos nacionales que las trasponen.

"Caricabatteria elettrici" (direttiva 2004/108/CEE) e alle regolamentazioni nazionali che le traspongono.

- The person at INFACO authorised to compile the technical file is Mr. ALVAREZ Grégory.

La persona autorizada para elaborar el documento técnico dentro de INFACO es el Sr. ALVAREZ.

La persona autorizzata a costituire il dossier tecnico all'interno di INFACO è Grégory Alvarez.

At > CAHUZAC SUR VERE

Hecho en // Firmato a

On > 01/01/2023

El // In data

M. DELMAS Davy, CEO of INFACO

Presidente de la Sociedad INFACO // Presidente della Società INFACO

Signature

Firma

INFACO undertakes to provide the national authorities the relevant information about the machine. *INFACO se compromete a proporcionar a las autoridades nacionales la información pertinente relativa a la máquina. // INFACO si impegna a fornire alle autorità nazionali le informazioni pertinenti che riguardano la macchina.*



www.infaco.com