

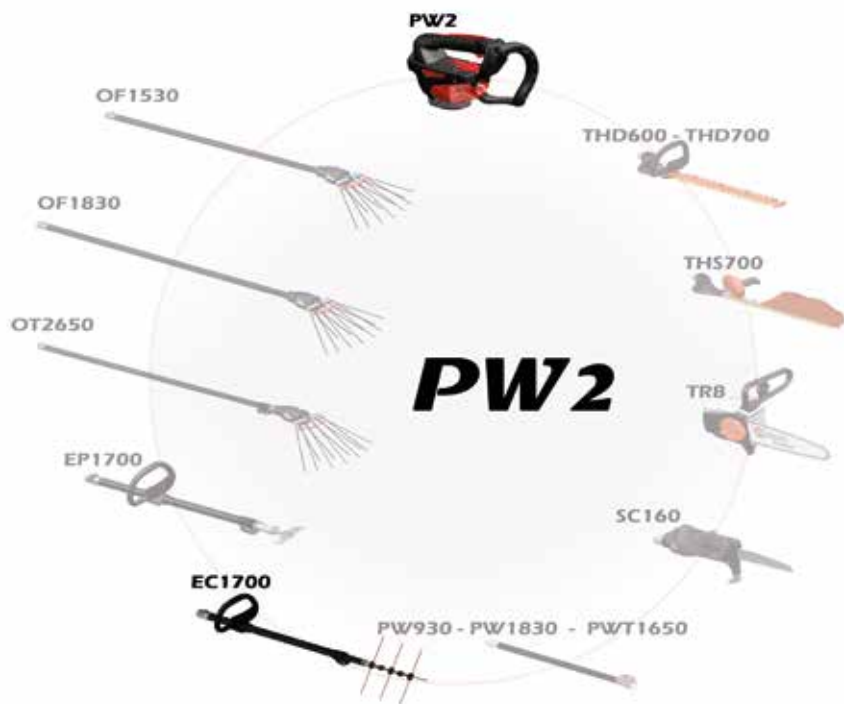
POWERCUP® PW2

 USER'S MANUAL EC1700



BVcert.6152145

INFACO®
www.infaco.com



Reference	Description
PW2	Poignée universelle de la gamme POWERCOUP PW2.
THD600	Taille-haie double, longueur du lamier 600 mm (23,5").
THD700	Taille-haie double, longueur du lamier 700 mm (27,5").
THS700	Taille-haie simple, longueur du lamier 700 mm (27,5").
TR8	Elagueuse, capacité de coupe max. Ø150 (5,9").
SC160	Tête de scie, capacité de coupe max. Ø100 (3").
PW930	Rallonge carbone, longueur 930 mm (3 ft).
PW1830	Rallonge carbone, longueur 1830 mm (6 ft).
PWT1650	Rallonge carbone, longueur 1650 mm (5,4 ft).
EC1700	Effleureuse, perche télescopique 1,5m à 1,9m (59" to 74,5").
EP1700	Epampreuse, perche télescopique 1,2m à 1,6m (47" to 63").
OT2650	Vibreux à olives, perche télescopique 2,2 à 2,8m (86,5" to 110").
OF1830	Vibreux à olives, perche fixe 2,5m (98,5").
OF1530	Vibreux à olives, perche fixe 2,2m (86,5").

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SAFETY INSTRUCTIONS



WARNING. Read all safety warnings and all instructions. Failure to abide by warnings and instructions could lead to an electric shock, fire and/or serious injury.

Keep all safety warnings and instructions so that you can refer to them at a later date.

The term “tool” in the warnings refers to your electrical tool run off the main supply (with supply power cord) or your electrical battery-operated tool (without a supply power cord).

PERSONAL PROTECTIVE EQUIPMENT

	Read the user manual carefully, especially the safety instructions.
	You MUST wear a helmet, eye protection and hearing protection.
	Hand protection, for work gloves.
	Foot protection by closed toed shoes
	Face protection, or visor.
	Note: The extensions poles are made of carbon, which conducts electricity. Do not use the extensions poles near electricity supply points or electrical wires.
	Note: Do not place any part of your body close to the blade. Do not remove cut material or hold the material you wish to cut while the blades are moving.

ENVIRONMENTAL PROTECTION



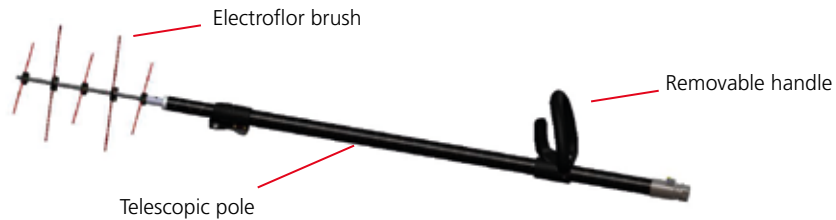
Follow the specific instructions for waste elimination in your country. Electrical appliances should not be thrown in the garbage.

The device, accessories and packaging should be recycled.



Ask your specialist INFACO retailer for the latest information on eco-compatible waste elimination.

GENERAL OVERVIEW



CHARACTERISTICS

Reference	EC1700
Power	1400W Max
Weight	2 kg 790
Length	1.63 à 2.26m
Blade speed	Réglable de 200 à 1900 r/min

VIEWS OF ACCESSORIES



PW2 handle
Réf : PW2



NOT
PW2



Power cord
Réf : PW225S



NOT
PW2



Battery 500Wh
10,4 Amp.
Réf : L810B



NOT
L810B



Battery 150Wh
3,1 Amp.
Réf : 731B



NOT
F3010



Battery 120Wh
2,5 Amp.
Réf : 831B



NOT
F3015

USER'S MANUAL

INSTALLATION AND POWER CONNECTION



Only use INFACO brand batteries with a supply voltage 48 volts.

It is imperative to read the operating instructions for the tools and accessories before handling or connecting the tool.



If it is raining, the battery vest must be worn underneath waterproof clothing so that the battery unit and control box remain dry.

USING THE MACHINE



A → F



OFF



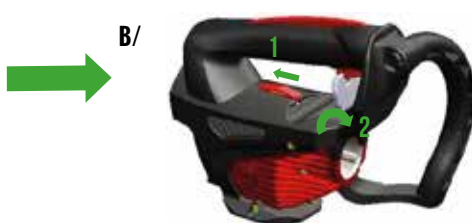
ON



A/



B/



C/



D/



E/



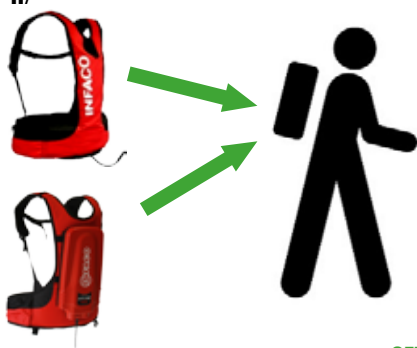
F/



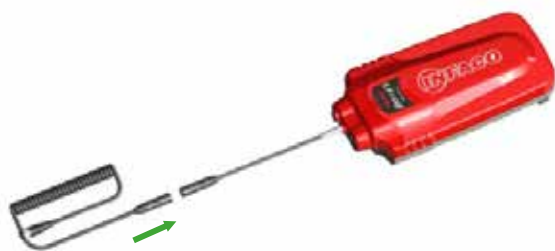
G/



H/



I/

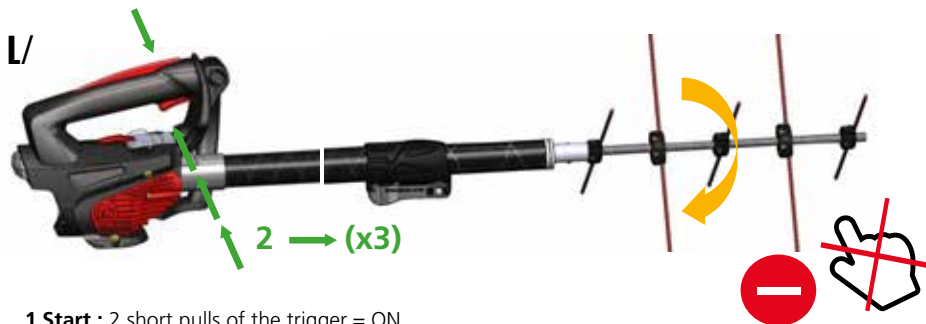


J/



K/





1 Start : 2 short pulls of the trigger = ON

Standby output : 2 short pulls of the trigger = ON

2 Normal operations :

1 long pull of the trigger = ON / Releasing the trigger = OFF

1 short pull of the trigger = ON / 1 short pull of the trigger = OFF

SETTING OF ROTATION SPEED

10 speed increments available between 320 and 1900 r/min

A/ Start the machine

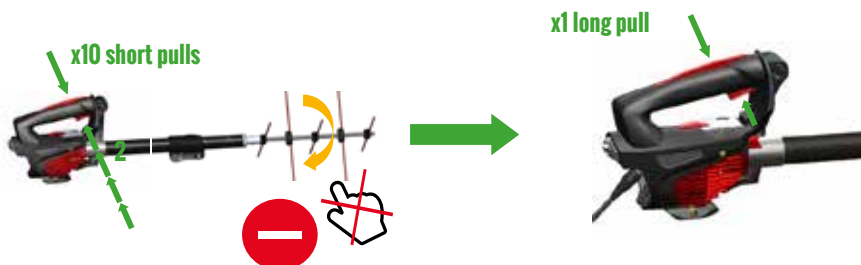


B/ To enter the set-up mode, do a long pull on the trigger.



The machine starts automatically at the first increment on low speed.

C/



Select the requested speed with successive short pulls on the trigger. 10 speed increments available.

Validate the requested speed and exit the set-up mode with a long pull on the trigger until the machine stops completely.

The machine is ready to work, the speed will be locked until the next set-up.

The tool is fitted with an electronic protection system. As soon as the brush becomes blocked due to meeting strong resistance, the electronic system causes the motor to stop. Restart the tool by carrying out operation «I» in "Using the Tool" on page 8.

SAFETY PRECAUTIONS



For transportation, storage, maintenance, tool maintenance or any other operation outside of using the tool **you must unplug the tool.**

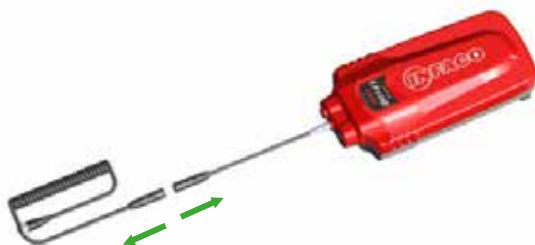
A /



B /



C /



CARE AND MAINTENANCE

All maintenance operations must be performed with the tool disconnected from all power sources. Maintenance of the tool depends on the frequency of tool use. Occasional use, space out intervals. Intensive use, more frequent intervals.		Before starting work	At the end of work daily	Each time the battery is changed	Weekly	Monthly	Yearly	If faulty	If damaged	As required
Complete tool	Visual inspection	X	X							
	Cleaning		X							X
	Have checked by dealer							X	X	
Fixing the brush	Check	X								
Wire of brush	Visual inspection	X								
	Change							X		X
Power cord	Visual inspection					X			X	X
Battery	Visual inspection			X	X				X	X
Vest	Visual inspection						X		X	X
Handle	Visual inspection	X	X							

WEEKLY GREASING



ASSEMBLING THE BRUSH

Prepare the carbon shaft, half-shell and wires required, according to use.

1- Place a lock-nut on each half-shell (supplied with the machine. (Fig. 1A)

2- Place a lock-nut on each half-shell..



The wire must be positioned symmetrically.

3- Place the unit on the end of the carbon shaft. (Fig. 1B).

4- Pinch the wire with a second half-shell.

5- Tighten the unit with Torx T20 Allen key and the two screws supplied with the machine (Fig. 1C)

6- Repeat the procedure, with a different of 90° between each shell. Leave approximately 3 cm of space free at the end for fixing the shaft to the chuck (Fig. 1D).



Do not mount more than 8 wires per brush (max wire length 30 cm).

Fig.1A



Fig.1B

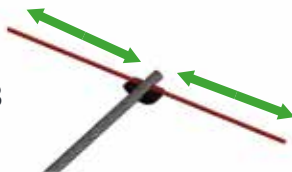
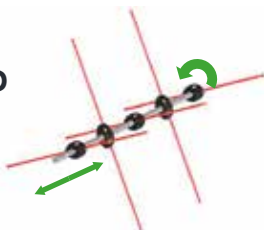


Fig.1C



Fig.1D



SAFETY INSTRUCTIONS

BEWARE! In order to reduce the risk of electrical discharge, injury and fire during the use of electrical tools, please observe the following basic safety measures. Read and follow these instructions before using the tool, and keep these safety instructions !

When not in operation, the POWERCOUP PW2 handle and its accessories must be disconnected and stored in their case.



POWERCOUP PW2 handle must always be disconnected from all power sources for to the following :

- Servicing.
- Charging the battery
- Maintenance.
- Transport.
- Storage.

While the tool is in operation, always remember to keep hands away from the accessory being used.

Do not use the tool if you are tired or feeling unwell.

Wear recommended safety equipment specific to each accessory.

Do not leave the tool within the reach of children or visitors.



Do not use the tool if there is any risk of fire or explosion- for example in the presence of flammable liquids or gas.

Never carry the charger by its power cord, and so not pull on the power cord to unplug it.



Keep the power cord away from heat sources, oil or sharp edges.

Never use the tool at night or in poorly lit conditions without setting up extra lighting.

While using the tool, make sure you keep both feet on the ground and stay well-balanced.



BEWARE! – the extension poles and rake are made out of carbon – a conductive material. Do not use near electrical wires or other power sources.

WARRANTY CONDITIONS

The EC1700 POWERCOUP PW2 has a warranty for a period of two years against all manufacturing faults and defects :

This warranty corresponds to normal use of the tool and excludes:

- Damage due to poor maintenance or a lack of maintenance,
- Damage due to inappropriate usage,
- Damage due to normal wear and tear,
- Tools which have been dismantled by unauthorized repairers,
- External forces (fire, flooding, lightning, etc.),
- Damage from tool being dropped or from other impact,
- Tools with warranty cards not returned at the time of purchase,
- Tools used with a battery or charger other than those manufactured by INFACO.

INFACO shall not remit payment for any monetary loss incurred for the time the tool is unavailable during repairs.

All repairs made by a person other than an approved INFACO authorized service provider (ASP) will invalidate the equipment warranty.

In case of any breakdown, we strongly recommend that users of INFACO equipment either contact the retailer from whom they purchased the tool, or our after-sales service on (+33) 05 63 33 91 49 (France).

Please note our after-sales service shipping policy:

- For equipment submitted to us within the scope of the warranty, you pay to send it to us and we pay the return postage.
- For equipment which is not within its warranty period, you pay to send it to us and the return will be made at your cost, cash on delivery. We will send you an estimate if the cost of the repair is more than 80 € ex-VAT.

RECOMMENDATIONS

Keep your work area tidy.

Untidiness in the work area increases the risk of accidents.

Take the work area environment into account.

Don't expose electrical tools to the rain. Don't use electrical tools in a humid or wet environment. Make sure the work area is well lit. Don't use electrical tools if there are flammable liquids or gases in the vicinity.

Protect yourself against electrical discharge.

Avoid bodily contact with grounded surfaces, such as, for example: battery charger, multiway electrical sockets, etc...

Keep children away !

Don't allow other people to touch either the tool or the power cord. Keep others well away from your work area.

Store your tools in a safe place.

Tools not in use should be stored in a dry, enclosed place, in their original packaging and out of the reach of children.

Wear suitable working gear.

Do not wear flowing clothes or jewelry. These could get caught up by moving parts. When working outdoors, it is recommended that you wear rubber gloves and shoes with non-slip soles. Use a hairnet if you have long hair.

Wear protective goggles.

Use a mask as well if the work you are doing produces dust or debris.

Take care of the power cord.

Never carry the charger by its power cord and so not pull on the power cord to unplug it. Keep the power cord away from heat sources, oil or sharp edges.

Take good care of your tools.

Regularly check the condition of the power cord and plug, and have them changed by an Authorized Service Provider (ASP) if they show any signs of damage. Keep the POWERCOUP PW2 material dry and free of oil and grease.

Remove the tool keys.

Remove any adjustment keys before switching on the tool.

Check whether your tool is damaged.

Before using the tool again, carefully check that the safety features are in perfect working order and whether any parts have been even slightly damaged.

Have your tool repaired by a specialist.

This tool is compliant with the safety regulations in force. All repairs must be carried out by an Authorized Service Provider (ASP) or by INFACO and exclusively using original parts. Parts which are not original may seriously risk the safety to the user.

TROUBLESHOOTING

Perturbations	Causes	Solutions
Abnormal heavy vibrations	Wrong tightening of the brush	Contact your dealer
	Detect faulty tool.	Contact your dealer
Wire breakage	Wear	Change the worn wire
Noise in the pole	Deteriorated pole guide	Contact your dealer
Tool does not start	Battery drained	Recharge the battery
	No power to the tool	Reconnect to power source
	Others	Contact your dealer
Tool suddenly stops	Battery drained	Recharge the battery

RETAILER SECTION

THE RETAILER TO KEEP THIS SECTION

Month / year of manufacture : Model: ☐ EC1700

Last name : First name :

Company name :

Street address :
.....

City : Zip code :

Phone :

Purchase date :/...../.....

Do you already own an ELECTROCOUP pruning shear?:
☐ Yes ☐ No If yes, serial #.....

Observation :

CUSTOMER SIGNATURE

WARRANTY CARD

RETURN this form **IMMEDIATELY**, filled in with **CAPITAL LETTERS** to ensure full warranty coverage

Month / year of manufacture :

Last name : First name :

Company name :

Street address :
.....

City : Zip code :

Phone: E-mail : E-mail :

Purchase date :/...../.....

Do you already own an ELECTROCOUP pruning shear ? :
☐ Yes ☐ No If yes, serial #.....

☐ Model EC1700

Observation :

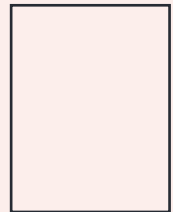
Arboriculture
Pruning
Wine growing
Parks and gardens

RETAILER STAMP

RETAILER

TO BE KEPT
BY THE RETAILER FOR
THE
INFACO
CUSTOMER FILE

INFACO S.A.S
Bois de Roziès
81140 CAHUZAC SUR VERE
(France)





MATERIEL FABRIQUÉ EN FRANCE



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

Type : ELECTRO'FLOR EC1700

Weight of ELECTROLIV : Modèle EC1700 2790g

Max. power : 220 W

Battery voltage : 48 Volts

This information is being given for informational purposes only. It is under no circumstances contractual, and is subject to modification for reasons of improvement, without prior notice. Patented equipment.

Technical information or After-Sales :

The following pictograms are used in this user's manual :



Indicates a risk of bodily harm, danger of death or a risk of damage to the tool if the instructions given in this user's manual are not followed.



Indicates the presence of electrical voltage.

Read this user's manual carefully before using the tool. Make sure that you have understood how the tool works and is operated. Take good care of the tool in compliance with these instructions, so that it will always function correctly. Keep this user's manual and the attached documentation close to the tool.

DÉCLARATION D'INCORPORATION

DECLARATION OF INCORPORATION

INFACO s.a.s. déclare que la quasi-machine neuve désignée ci-après :
INFACO S.A.S. declares that the new partly-completed machine designated below:

Eclaircisseuse électroportative
Electronic flower thinner machine

De marque – Brand name : **INFACO**

Modèle - Model : **ELECTRO'FLOR EC1700**

N° de série – Serial no :

Année de fabrication – Year of manufacture :

Est conforme aux dispositifs des directives :

Complies with the provisions of the directives for:

- "Machines" (directive 2006/42/CEE).
"Appliances" (directive 2006/42/CEE)
- "Emissions sonores machines utilisées en extérieur" directive 2000/14/CE (arrêté du 18 mars 2002) modifiée par la 2005/88/CE (arrêté du 22 mai 2006).
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).
- "Chargeurs électriques" (directive 2004/108/CEE) et aux réglementations nationales les transposant.
"electric chargers" (directive 2004/108/CEE) and with national legislation adapting them.
- La personne autorisée à constituer le dossier technique au sein d'INFACO est M.ALVAREZ Grégory.
The person authorized to compile the technical file within the company INFACO is Mr. Gregory ALVAREZ.

L'appareil est également conforme aux dispositions des directives européennes suivantes :

The equipment also complies with the provisions of the following European directives:

NF EN 61000-3-2

NF EN 61000-4-5

NF EN 550014-2

NF EN 61000-4-2

NF EN 61000-4-6

NF EN 55022

NF EN 61000-4-3

NF EN 61000-4-11

NF EN 55011

NF EN 61000-4-4

NF EN 55014-1

Fait à - Signed in : CAHUZAC SUR VÈRE

M. DELMAS Daniel, Président de la Société INFACO - INFACO President

Le – Date : 19/06/2017

Signature – Signature :



La quasi-machine ne doit pas être mise en service avant que la machine finale dans laquelle elle doit être incorporée ait été déclarée conforme aux dispositions pertinentes de la présente directive.

The partly-completed machine must not be put into service until the final machine into which it is to be incorporated has been declared in conformity with the relevant provisions of this Directive.

INFACO s'engage à fournir aux autorités nationales les informations pertinentes concernant la machine.

INFACO undertakes to provide national authorities with all relevant information concerning the machine.