

MONTEY

MANUAL DE USUARIO Y GARANTÍA
USER'S MANUAL AND WARRANTY
MANUEL D'UTILIZATEUR ET GARANTIE



e-FLUX
e-LEGANCE

GENERAL INFORMATION

USER'S MANUAL BOOK AND GUARANTEE

We want to greet and give you our thanks for having chosen our brand.

This "User's manual" contains important and useful information to help you for a correct use of the bicycle and for a correct maintenance. It has been made in order to hand the vehicle with security and reliability obtaining the maximum performance.

Please read this manual thoughtfully before the first riding, and keep it for future references. In case of any doubt call to your Monty dealer.

 **The parents or tutors of young riders handling the bike must pay attention of the content and understanding of this Own Manual**

The drawings and photos of this manual may not exactly correspond to the required model, it is only for getting a better graphic understanding. We shall apologize if some parts of this Manual do not correspond to the exact characteristic of your M9.

Due to the desire of getting better and better our products, the Monty bicycles are constantly being improved to offer our customers a product of the maximum quality with the best materials possible, allowing us to introduce technical improvements or the changing of some parts to our models without previous notice to our customers

Thanks a lot for your special attention on dedicating some minutes to read this Own Manual book. We expect to have got a product of your satisfaction

Please check our web site for getting more information about our products

<http://www.monty.es>

Or addressing our information e-mail department

monty@monty.es

NOTE: In case of any reparation or claim, please bring always your "User's manual" and the purchasing invoice.



ATTENTION: VERY IMPORTANT

THE FACT OF NOT ACCOMPLISHING THE INDICATIONS OF THIS MANUAL MAY LEAD TO MECHANICAL FAILLURES, A LOSS OF CONTROL AND POSSIBLE FALLS, WITH OWN SERIOUS PHISICAL INJURIES OR OTHERS, INCLUDING EVEN THE DEATH. INCORRECT USAGE MAY ALSO RISK YOUR PHYSICAL INTEGRITY AND THAT OF OTHERS.

SECURITY NOTICE

- IT IS ADVISABLE TO USE ALWAYS THE PROTECTOR HELMET
- IT IS ADVISABLE TO WEAR THE RIGHT RIDING CLOTINGS
- IT IS ADVISABLE TO BRING ALWAYS REFLECTANT BANDS OR LIGHTS IN AREAS WITH POOR VIEW
- NOT TO EXCESS THE TOTAL WEIGHT OF THE BICYCLE: **90 KG**

GUARANTEE NOTICE

ANY MODIFICATION TO THE FRAME, FORK OR TO ANY OTHER COMPONENT OF THE BICYCLE IS TO MEAN , AUTOMATICALLY, THE EXCLUSION OF ANY CLAIM FOR GUARANTEE SINCE THE PRODUCT IS NOT TO BE ACCORDING TO OUR SPECIFICATIONS.

THE MANIPULATION OF THE ITEMS OF THE VEHICLE FROM THE SIDE OF THE USER IS TO EXEMPT TO MONTY OF ANY RESPONSABILITY.

IN CASE OF ANY DOUBTE, CONTACT WITH YOUR USUAL DEALER OR CHECK OUR WEB SITE:

[http: //www.monty.es](http://www.monty.es)

CE (Conformidad Europea)

CE (European conformity)

USER'S MANUAL

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Parts Identification



User Security

1. Do not operate the e-bike before reading this user manual thoroughly. The manufacturer will not be responsible for any damage or accident due to improper use.
2. For your safety and others, please follow the traffic regulations. These electric bicycles are not suitable for children under thirteen and the physically challenged. The e-bike is not recommended for competition, stunt, any aggressive or off-road riding.
3. Do not lubricate the brakes.
4. The braking length of dry state is 4 meters at 25km/h, while 15 meters in wet state. So move slowly, keep safe distance and brake in advance are necessary while riding downhill and in rain, snow & wet road.
5. Do not ride in water where the depth exceeds the controller, the motor or direct flush with water to electrical components.
6. Avoid prolonged exposure to the sun or rain, and exposure to humid places or aggressive gases may cause parts to corrode or electrical parts to brake. This can lead to malfunctioning or accidents.
7. The electrical components are complicated in structure, so please do not disassemble or modify these parts.
8. The performance and mileage of the unit will be varied with the battery condition, temperature, terrain, wind speed, tire pressure, rider weight and the maintenance, etc. To get the best mileage, we propose that :
 - (1). Ride for 3-5m in power mode when starting.
 - (2). Try to reduce frequent braking or restarts.
 - (3). Ride in PAS mode while on uneven road conditions, uphill or headwind.
 - (4). Avoid carrying people or overloading.
 - (5). Check the tyres before riding to ensure the correct pressure is maintained.
9. To ensure your safety, please use helmets; check brakes, tyres, handlebars and rims before riding; increase braking distance when it is raining.
10. Authorized payload of the bike: 90kg (for bike) + 15kg (for carrier)
11. For those with child seats, cover the saddle spring in case it pinches child's finger.
12. Improper use could cause harm, please check the connection on frame, front fork and suspension periodically. Every mechanical part has friction and pressure, different materials and parts have different frictions and pressures. If mechanical part has exceeded its service life, resultant damage could hurt the user. Any crack, scratch and change of color remind us this part is out of service life, it should be replaced immediately.

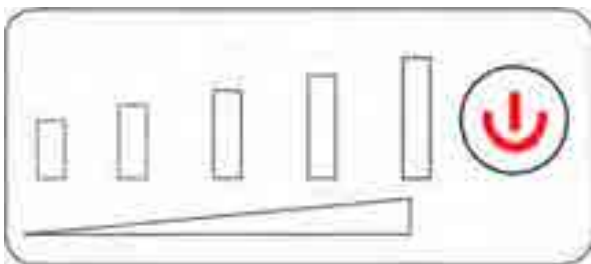
Regular check for safety before riding

1. Check if the handlebar stem and seat post are safely inserted. Take heed of the maximum height markings (MIN. INSERTION) on the tube.
2. Check if the brake and the power brake function are working well.
 - (1). Switch to the electric mode, keep the brake, turn the throttle. If the motor does not work, then the brake can cut power efficiently.
 - (2). Check if any of brake shoes with excess wear should be replaced.
3. Check if the nuts on the front and rear axis are securely fixed.
4. Check if the chain elastic is proper.
5. Check pedals and other fixtures, check if rotary parts are flexible.
6. Check if the hand grip throttle functions well, and goes back into place immediately after loosening it.
7. Check tyre pressure
 - Check if tyre pressure is in accordance with what is indicated on the tyre.
 - Check if the tyre thread is excessively worn out, if so, replace the tyre.
8. Check all electrical connections and mechanical parts are securely locked, and check all cables, connector plugs and sockets must be dry and undamaged.
9. Make sure that you know how to operate the e-bike and know clearly the traffic regulations.

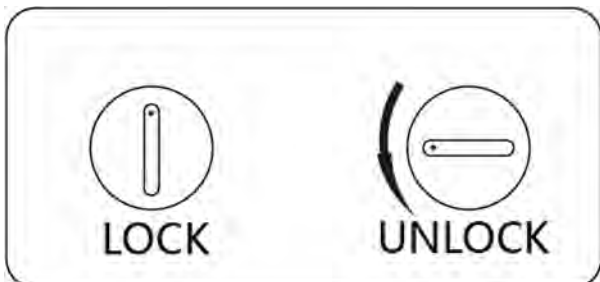
Battery and Charging

Carrier battery Instruction for ELEGANCE model

Battery's power indicator



How to move the battery:



Take out battery

1. Rotate the key in a counterclockwise direction to unlock the battery
2. Then take out the battery

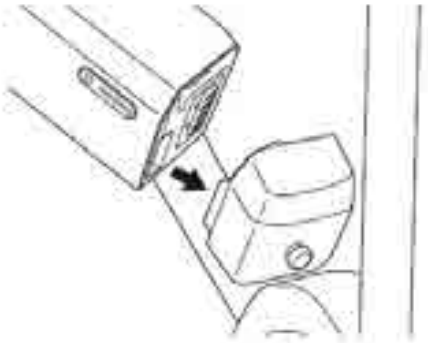
Put on battery



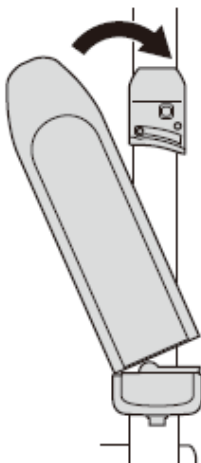
1. Set the battery on the mount rail from behind and slide it forward. Push it firmly into place.
2. Turn the key to "off" to lock the battery

Kettle battery Instruction for E-FFLUX model

1. Align the indentation in the bottom of the battery with the protrusion on the mount and insert the battery.



2. Slide the battery to the right starting from the point where it is inserted. Push it firmly into place.



Note:To prevent the battery from falling off, check to see that the battery is locked after installation.

Steps to charge the battery

1. Confirm that the local power supply corresponds with the requirement of the charger, the input voltage is between 100V—240V.
2. Switch your e-bike off on the main switch on the battery case.
3. The battery can be charged on the e-bike or removed from the e-bike as shown.
4. Connect the charger plug and charging port of the battery first, and then connect the power plug and the power source.
5. When the red light turns on the charging starts.
(1) Charge without the e-bike (2) Charge on the e-bike



Safety Charging

Care of the battery is vital to your safety and to maximize its long-term performance. Battery fault fire or explosion hazard will occur if the instructions are not followed.

- Ensure that the charger plugs are dry and securely connected to the charger port of battery case.
- Do not cover the battery or charger while charging, do not use the battery charger near flammable articles or in unventilated places. The ambient temperature should not exceed 40°C.
- Keep the battery away from water, to prevent shocks or shorting.
- Only use the charger provided to charge the battery.
- Do not disassemble or modify the battery.
- Do not expose the battery to fire or extreme temperatures.
- Do not allow impact or force against the battery pack.
- Pull out the power plug first and then the charger plug after charging. Connecting the power plug and the power source for a long time while not charging is not recommended.
- Should any abnormal conditions occur, like overheating or peculiar smells, stop charging immediately and contact your authorized dealer for help.
- Put the battery and charger in a safe place beyond children's touch.

- Regular Use –If you are commuting significant distances, it is advisable to recharge the battery before the return journey.
- Occasional Use – Recharge the battery at least once a week, even if the cycle is unused.
- Always recharge the battery after use.
- The manufacturer will not be responsible for any damage or injury due to improper or unsafe use of the battery charger.

LED Indication

1. LED (GREEN) – Power on, when not connected to the batteries.
2. LED (RED) – Charging
3. LED (GREEN) –Fully charged, when connected to the batteries.

Operation Steps Instruction

Install the handlebar for ELEGAN

1. Unscrew the lock screw with the 2mm hex wrenches.



2. Put the handlebar on the front fork.
3. As shown in picture, adjust the position between front fork and headset to the correct position.



4.Tighten two fastening screws with the 5mm hex wrenches .



5.Tighten the regulating screw with the 2mm hex wrenches.



6. Press down the handle.



7. Confirm if the handlebar and stem was settled.

If not, tighten the fastening screws with the 2mm hex wrenches .



Install the stem for E-FLUX model

1. Put the stem into the head tube and adjust the stem to the desired position. Take heed of the maximum height markings.



2.Put the set screw to the stem.



3.Fix the stem with inner pentagonal.



Display Instruction

LCD Display Instruction for ELEGANCE model

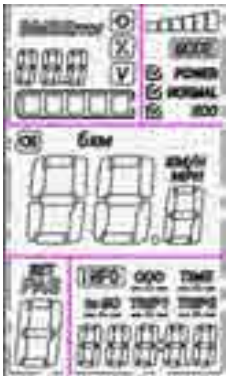
Function introduce

- 1 ON/OFF
- 2 Display Area
- 3 Cycling mode selection
- 4 Mileage and time
- 5 Battery display
- 6 Speed
- 7 stages display
- 8 Error Code
- 9 6KMwork
- 10 Current
- 11 Button
- 12 Cable
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- 14 Error Code Introduction

1. ON/OFF

C600E is off, Click "φ", open C600E display, and click "φ" for 3s, C600E is off again.

2. Display Area



3. Cycling mode selection



4. Mileage and time



The remaining mileage function need to be customized
A single riding time shut down without saving
TRIP2 boot reset after 30 seconds

5. Battery display

capacity percentage ,



the number of charging and discharging need to be customized

6.Speed



7.Stages



Click "UP" "DOWN" to change stages

8. Error Code

Error



When the system failure instrument display error code

9.6KM Work



Click DOWN for 2s to get in 6km assistant work

10. Current



2A current in each level

11.Button

- ◆ C600E is power on, click “ ϕ ” to open backlight



icon lit

- ◆ Click“SET”for 3s to get in setting area

SET



SET“0”: Cycling mode setting

SET“1”: Click

DOWN TRIP1 resetting

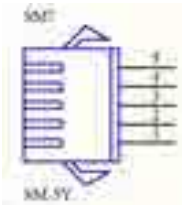
SET“2”: Speed limit setting

SET“3”: Wheel diameter setting

SET“4”:KMH/MPH exchange setting

- ✘ The above Settings through the selection of key parameters. Click ” set “ for 1s Save these Settings and exit.

12.Cable (SM-5Y plastic)



1RED: Battery +

2BLUE: switch

3BLACK: GND

4GREE: C600E reciving (RXD)

5WHITE: C600E sengding (TXD)

13. 5mins Auto sleep

IC600E speed is zero for more than 5 minutes will automatically be turned off

14. Error Code Introduction

【0】 NO error

【1】 Current abnormal

【2】 Throttle abnormal

【3】 Motor no phase position

【4】 Hall abnormal

【5】 Brake abnormal

【6】 undervoltage

【7】 motor stalling

【8】 Communication controller receiving abnormal

【9】 Communication display receiving abnormal

LCD Display Instruction for E-FFLUX model

Function introduce



(C)Speed unit display

You can switch between km/h and mph.

(D)Battery level indicator

(E)Changing the assist mode display

(F)Gear and traveling data display

Displays the current battery level in six levels.

Display	Battery level
	81 - 100%
	61 - 80%
	41 - 60%
	21 - 40%
	1 - 20%
	0%

The battery level is not displayed when the traveling data in (F) shows "Range".

The way of riding

Turn on the power

Plug in the key , turn on power switch. Turn the throttle slowly to drive the car forward. Remaining battery power displays on the panel after turn on the power.

The four lights form full to empty all on means fully charged. One light on means low power state. when there is just one light on, turn off the battery power to charge the battery in case it would effect the service life and function of the battery because of the excessive discharge. When the power is so low that you can't drive the e-bike with power assistant, turn off the power in case it would effect the service life and function of the battery because of the excessive discharge.

Power cut and the brake

To ensure the rider's safety the motor will stop working when braking and restart after release the brake.

Riding

1. Test every function of different switch before riding, then get used to the function of the e-bike by controlling the brake and handlebar.
2. Turn the throttle slowly, then enjoy your riding.
3. Every cyclist should obey the traffic rules.

General Maintenance Remarks

Adjusting the height of the seat /handlebar

Height of your seat / handlebar stem can be adjusted.

Unlock the lever (OPEN), adjust the seat / handlebar stem height to the desired position without ever exceeding the mark carved onto the seat's tube, lock the lever (LOCK).

The seat's height must be set so that your leg is stretched out when the corresponding pedal is in the lower position

The way to adjust the suspension fork

Turn the key on both side of the suspension fork to adjust the suspension n fork.

The recommended tightening torque of main fasteners (unit: N.m)

Front wheel: 18-20

Rear wheel: 30-35

Saddle & saddle tube: 18-20

Handlebar Clamp Nut: 17- 19

Head Stem Expander Nut: 17- 19

Cleaning and maintenance

Regular maintenance guarantees you a longer durability and roadworthy state of your E-Bike. Maintenance includes cleaning, lubricating, and ride-setting adjustment. Moreover, regular maintenance work is a requirement for the sustainability of warranty claim. This applies to special corrosions (surface rust) and other damages, which, by non-observance, would not be undertaken by us. Thus, please read through the following section thoroughly. Please only use the gentle cleaning materials to clean the E-Bike. And in no case, do not use any high pressure washer or vapour cleaning device for dirt removing!

Clean the E-Bike regularly with a sponge or a cloth and apply bike-caring products on after cleaning.

Please note that under certain environmental conditions (ex. By the seaside), the E-Bike should be cleaned more often to reduce chance of rusting.

Lubrication

Frequency	Component	Lubricant	How to Lubricate
Weekly	Chain	Chain Lube or Light Oil	Brush On or Squirt
	Derailleur Pulleys	Chain Lube or Light Oil	Brush On or Squirt
	Derailleurs	Oil	Oil Can
	Brake Calipers	Oil	3 drops from oil can
	Brake Levers	Oil	2 drops from oil can
Monthly	Shift Levers	Lithium Based Grease	Disassemble
Every Six Months	Freewheel	Oil	2 squirts from oil can
	Brake Cables	Lithium Based Grease	Disassemble
Yearly	Bottom Bracket	Lithium Based Grease	Disassemble
	Pedals	Lithium Based Grease	Disassemble
	Derailleur Cables	Lithium Based Grease	Disassemble
	Wheel Bearings	Lithium Based Grease	Disassemble
	Headset	Lithium Based Grease	Disassemble
	Seat Post	Lithium Based Grease	Disassemble

Chain

The chain must be regularly (especially after riding in the rain) lubricated with a standard chain-caring product.

Thorough physical stretching of the chain is a regular checking procedure of chain tension. Examine the chain tension by positioning the E-Bike on its kickstand and test, whether the chain, while being pushed upwardly and downwardly, has a maximum gap of 10-15 mm in between.

If this is not the case, please proceed to the following:

1. Loosen the axle nuts on the both sides of the wheel and the brake counter-bracket (for the back pedaling brake) on the left side of the rear-end stay. Where a gearbox removal is required, please see the manufacturer's instruction manual.

2. Subsequently, adjust the chain's tension by turning the tension screw nuts on both the left and the right sides.
3. Before tightening of the axle nuts, check whether the wheel stands in the centre and adjust if needed.
4. Tightly screw the axle nuts and the tension screw nuts. (Tightening Torgue not less than 30N-M)
5. Recheck the chain tension.

An over-tightened chain can cause pops during riding.

Adjust the derailleur

Adjust the Fine-tuning nut or screw when the derailleur makes some abnormal sound.

The way to adjust the brake of the e-bike is the same as adjusting the bike. The most important thing is effective braking and no blockage after braking and make sure the brake and the power brake function are work well. Friction between road and tyre is reduced when raining, so besides concentration every rider should brake gently in advance to keep away from danger. The following several advices are for your reference when the brake doesn't work well or meets the handlebar when braking. Every screw and nut should be tightened properly to make sure the wheel running flexible with no resistance.

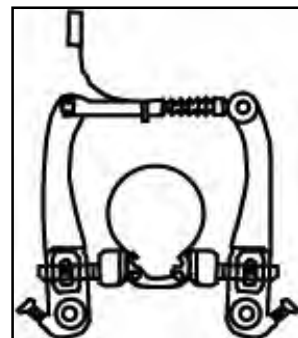
Brakes

The brake-shoes which are fixed on the V-brake and Roller-brake wear out in time causing gap widening between the brake-shoes and the rim flank. This is indicated by the increase of the leeway of the brake lever.

The left brake lever controls the rear brake and the right brake lever controls the front brake.

You can modify by adjusting the brake-system through following steps: Simply turn the adjusting screw on the brake lever until the gap between the brake-shoes and the rim flank averages about 1.5-2 mm.

Adjust the brakes correctly by tightening or loosening the crosshead screws on the side of the brake arms, until the brake-shoes are centered to the rim. Through tightening of the screw, will the spring be prestressed and the brake-shoe moved away from the rim.



CAUTION

- ① Please make sure all the folder and quick release be locked tightly.
 - ② In order to ensure the long service life of the e-bike and your safety, please use the genuine parts.
- Radial run-out and end swing of the rim $\leq 1.5\text{mm}$. no crack on the surface of the rim. The break of the rim which makes the wheel swing have major source of hidden danger.

- ③ Make sure the waterproof connection is properly connected.



- ④ Do not use the battery if it has outlived its life expectancy.

Troubleshooting

PROBLEM	POSSIBLE CAUSE	SOLUTION
Battery gauge LEDs with no display.	Power switch is opened	Closed the switch on the battery case
	Buttery case with no power	Charge the battery
	Circuited	Replace fuse
	Battery case not positioned in the right place.	Remove battery case, put it in right place and then lock it.
	Switch damaged	Replace switch
Motor fails to perform its intended function when power on.	Being in power mode	Swift the mode from assist to electric.
	Connection error	Check the connection parts or have professional fix it.
	Buttery case with no power	Charge the battery
Speed-adjust failure	Being in power mode	Swift the mode from assist to electric.
	Connection error or throttle failure	Have professional fix or replace it
	Poor tire pressure	Fill up tire pressure
Poor travelling range after each charging.	Insufficient charge	Fully charge the battery
	Battery aging	replace a new battery case
	Poor road conditions, much slopes, headwinds and frequent start of brake	Swift to the power mode or ride by yourself.
	Battery failure	Replace battery
Abnormal long charging time	Battery aging	Replace battery
	Connection error	Check if the plug corrected plunged.
Charger fails to perform its intended function.	Circuited	Replace fuse
	Charger failure	Change charger
	Other faults that can't be solved or motor, controller, charger, battery failure, please contact your authorized dealer for help. Any changes to these parts will invalid your warranty.	
Other faults		

Guarantee

Guarantee is being established through the vendor / distributor in accordance to the Directive normative of users **RDL 1/2007**

- Guarantee for the frame and fork, except in cases that the problem is being originated for bad use of the owner. The bike model is made towards the professional riders who know and understand how to ride a high competitive model, not being up for the beginners. A frame shown indications of strong hits are not to be accepted in guarantee.

- Enter in guarantee the items which can be originated for a faulty manufacturing

- Any modification to the frames, forks or to any other componentes of the bicycle is to mean, automatically, the exclusion of any claim for guarantee since the product is not to be according to the Monty specifications.

-The manipulation of the items of the vehicle from the side of the user is to exempt to Monty of any responsibility

Additional conditions:

Items not to be covered by the guarantee:

- Parts which are normally to get worn out by the standard use of the bicycle such as tires, chain, brake shoes/pads, discs etc.
- Failures caused for not having interpreted well the notices/advises of this manual
- Failures and damages caused by force majeure such as accidents, inapropiate use of the bicycle, bad reparations, deficient with the maintenance and use of the bicycle.
- In case of external elements or agents (natural disasters, floods, earthquakes)
- Product modifications by the owner without the previos confirmation by a Monty official dealer.

- Guarantee not moved the following buyers. It is only valid for the first owner

Never use components from other brands. Never, repair the bicycle by oneself. It should be by the shop where one bought the bicycle or by a Monty official dealer.

The fact of not accomplishing the instructions of this manual makes Monty not to be responsable, event not to assume any responsibility and the guarantee is to be cancelled..

The guarantee can be annulled by any modification made in the frame, fork or another component

To get full information concerning Gurantee conditions. Please check our website: www.monty.es

Delivery Certificate

A certificate must be filled by the seller on delivering the bicycle to the customer, according to the statutory rules with respect to a compulsory information from any retiring product from the market. This certificate is the one to be taken in case of any official claim.

The distributor/seller must check all the details of the delivery certificate. The buyer shall complete his corresponding information . In this way, the seller confirms to have made an inspection before the delivery of the bicycle.

Distributor /Seller

Seller name
Company name.....
CIF.....
Street.....
Address code.....
Town
Country.....
Phone
E-mail

Customer / Buyer

Buyer name.....
Company name.....
CIF.....
Street:.....
Address code.....
Town
Country.....
Phone
E-mail

Purchasing product

Description model
Series number Size..... Colour
Year of the model.....Invoice numberDelivery date.....

NOTES.....
.....
.....

Place/date

Signature.....



BICICLETAS MONTY, S.A.

El Pla, 106
08980 Sant Feliu de Llobregat
(Barcelona-Spain)
Tel. 93 - 666 71 11
Fax 93 - 666 71 12
E-mail: monty@monty.es
web:http://www.monty.es

WARNING  **ATENCIÓN**

Bicycle riding can be hazardous.
Always wear a helmet.
Do not ride at night.

Circular en bicicleta puede ser peligroso.
Utilizar siempre el casco.
No circular de noche.

SELLO / STAMP / CACHET / SIEGEL / SIGILLIO

Nombre/Name/Nom/Nome

DNI / ID / CNI / P / CI

Esta bicicleta está homologada en España y es conforme a las exigencias esenciales de seguridad precisadas por el Decreto relativo a la prevención de riesgos resultantes de la propia utilización

GARANTIA / GUARANTEE / GARANTIE

MODELO:
MODEL:
MODØLE:

FECHA ENTREGA:
DELIVERY DATE:
DATE LIVRAISON:

N. HOMOLOGACIÓN:
HOMOLOGATION N. :
N. HOMOLOGATION:

N. CUADRO:
FRAME N. :
N. CADRE: