



USER MANUAL

Rev.03 Updated 26/06/2018

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Via Franco Modigliani, 22
37045 - Legnago (VR) Italy

One level ahead.

UPDINAMIC S.r.l.

Via Modigliani, 22

37045 - LEGNAGO(VR)

USER MANUAL UP GOODS LIFTS:

(machine for transporting goods only or goods with an operator)

- UP 3 - 6
- UP 10 - 15
- UP 20 - 25
- UP 25 DEC

SERIAL NUMBER

THE OWNER MUST KEEP THIS MANUAL AND THE ATTACHMENTS LISTED BELOW IN THE OWNER'S
UTILITY SHAFT:

MACHINE MANUAL

MAINTENANCE MANUAL

ELECTRICAL PART MANUAL

INSTALLATION MANUAL



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DEFINITIONS

MACHINE DEFINITIONS AND COMPONENTS

Refer to the EN 292, EN 81-1, EN 81-2, EN81-3, prEN 81-41, EN81-28 standards for the definitions of the terms used in this manual as well as the following definitions.

Maintenance:

All operations necessary to ensure safe operation according to the intended use of the system and its components after installation is complete and for its entire life cycle.

Maintenance includes:

- lubrication, cleaning, etc. (except for the external parts of the lift shaft and internal cleaning of the inside of the cabin).
- checks;
- driver rescue operations (only for lifts with SPB system);
- calibration and adjustment operations;
- repairs or replacements of components, which may be due to wear or failure, but do not alter the system characteristics.

The following are not to be considered maintenance operations:

- replacement of the main components, such as duct, roof, cabin, control panel, etc.,
- system replacement,
- system modernisation, including modification of any system features (e.g. speed, travel, capacity, dimensions, etc.)
- Rescue operations are carried out by the fire brigade.

Maintenance organisation:

A company or part of a company whose maintenance technicians carry out maintenance operations on behalf of the system owner.

Qualified maintenance technician:

A qualified and trained person (see EN ISO 9000) assigned to carry out maintenance, who has practical knowledge and experience, is given the necessary instructions and is supported by the maintenance organisation so that the required maintenance operations can be carried out in safety.

Manufacturer:

A person or legal entity who assumes the responsibility for designing, constructing and marketing both safety components for the goods lift and the machine.

Installer:

A person or legal entity who assumes the responsibility for installing goods lift systems for things only and car lift systems with and without driver on board.

System:



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Goods lift suitable for transporting goods only or goods with an operator (SPB), completely installed.

System owner:

A person or legal entity who is empowered to be in charge of the system and the responsibility for its use and operation.

Emergency:

This is an abnormal situation in which the goods lift is in a potentially hazardous condition for persons and things.

Fault:

A situation in which safe use of the platform for the intended use is limited or impossible.

Repair:

Replacement or repair of defective and/or worn components.

Notified Body:

An organisation that has been accredited by a Member State to assess whether a product to be placed on the market meets certain preordained standards and ensures that the procedures for putting systems into service and their surveillance are followed in accordance with the Machinery Directive.

MACHINE DEFINITIONS

Goods lift:

lift system for goods only or goods with an operator (SPB)

Platform:

Mobile part for receiving the load to be transported.

Utility shaft:

A section outside the lift shaft in which the electric panel and the hydraulic control unit are housed.



OBLIGATIONS OF THE OWNER

Putting the system into service

The system may not be used and put into service before the company appointed to carry out the installation has issued the test certificate. Following issuance of the test report, the system owner is obliged to adhere to any national or other regulations, where pertinent, and to the relative system maintenance requirements. In any event, scheduled maintenance must be carried out the first time the system is put into service.

In Italy, refer to the extract of the following decree for notification of the new lift installed:

OBJECT: Requirements for installation and maintenance of goods lift systems

In accordance with letter "f" of Pres. Decree 162 of 30 April 1999, the installation company must have the required professional technical qualifications. In addition, with regard to Art. 12 "Putting car lifts and goods lifts into private service", the owner or his legal representative has to notify the competent municipality or the competent independent province according to its statute when putting into service a car lift or goods lift not intended for a public transport service.

Furthermore, you are informed that in accordance with Art. 15 "Maintenance" of the above mentioned decree:

For purposes of preservation of the system and its normal operation, the owner or his legal representative is obliged to have maintenance of the entire lift or goods lift system carried out by a person holding a qualification certificate or by a specialised company, i.e. an EU operator with equivalent specialization who must operate with qualified personnel.

Depending on the system requirements, the maintenance technician must periodically:

- a) check proper functioning of the mechanical, hydraulic and electrical devices and, in particular, the doors and locks;
- b) check the conditions of the cables and chains;
- c) carry out normal part cleaning and lubrication operations.

The maintenance technician must carry out lift maintenance once every six months.

The maintenance company and the owner must reciprocally communicate any operations to be carried out in order to unfailingly guarantee proper functioning of the platform in complete safety and in compliance with the regulations in force.

In addition, the owner has the duty of:

- ensuring that in the building where the system has been installed, an organisation is arranged such as to guarantee immediate response to emergency calls in an effective manner and without delay;
- taking the appropriate measures so that the system is not improperly used or in a way different from what is described in the user manual accompanying this book;
- avoiding opening of the landing doors by anyone other than authorised and qualified persons.
- ensuring that the first time the system is put into service, the installer has carried out all the checks and tests according to the regulations in force and that a check test report is issued;
- checking that when the machine is put into service, the installer provides the following documentation: Lift manual, user manual, maintenance manual and additional documentation with reference to the specific national requirements;
- putting the system out of service in the presence of hazardous situations;

The owner has the duty of informing the maintenance organisation:

- in the event of system malfunctioning;
- in the event of a change in the environment directly connected to the system;
- after putting the system out of service following a hazardous situation
- before any modification to the system or the surrounding environment directly connected to the system;;
- prior to inspections, checks or work carried out by third parties on the system or the environment directly connected to the system;
- Before putting the system out of service for an extended period of time.
- Before putting the system back into service after a long period of being out of service;
- The access ways to be used and the building evacuation procedures in case of fire;
- The place where the access keys to the reserved areas are located;
- The persons that have to accompany the maintenance technician to the system;
- The PPE to be used in the access ways;

OBLIGATIONS OF THE EMPLOYER

Extract from Law DPR 162/99

Art. 13

Periodic inspections

- 1) the owner of the facility, or its legal representative, have the obligation of carrying out regular maintenance of the system installed there, as well as that of subject the system to periodic checks every two years. The periodic check of the lifts and goods lifts, according to the respective regulations, are carried out by technical experts holding the qualification of a degree in Engineering, the local health authority competent for the territory or ARPA, when the regional dispositions for actuation of law no. 61 of January 21st 1994 attribute to it this competency, the provincial direction of the Ministry of Works and Social Security competent for the territory for the installed systems in the industrial premises or agricultural facilities, as well as the certifying organisms notified in accordance with the present regulation for assessment of compliance to enclosures VI or X.
- 2) A subject who has carried out the periodic check releases to the owner, as well as to the contracted maintenance company, the relative report and, where negative, communicates the outcome to the competent council authority office for the relevant provisions.
- 3) The periodic check operations are directed to ascertaining whether the parts on whom working safety of the system depends are in conditions of efficiency, if the safety devices function normally and if the conditions issued in previous checks have been satisfied. The subject responsible for the check instructs the system maintenance expert to carry out the following operations.
- 4) The owner or its legal representative provide the means and the help that are indispensable for the periodic checks of the system to be carried out.
- 5) The state administrations having their own technical competences can provide, for its own systems, to the checks of the present article, directly by means of engineers in the respective roles. In this case the report of the check, where negative, is transmitted to the competent technical office in the administration, which orders the shutting down of the system.
- 6) The costs for carrying out the periodic checks are the responsibility of the owner of the facility where the system is installed.



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Equipment inspections

Equipment	Intervention/frequency
Lifting equipment with a capacity of over 200kg. Fixed type materials operating in particular sectors (e.g. constructions, iron and steel, harbours, extraction) with year of manufacture dating to more than 10 years previous	Two-yearly inspections
Lifting equipment with a capacity of over 200kg. Fixed type materials operating in other sectors with year of manufacture not more than 10 years before	Three-yearly inspections



WARRANTY

The lift is covered by warranty for manufacturing defects for a period of 24 (twenty-four) months starting from the date of issuance of the external test report. At the time of installation/purchase, the purchaser must check the lift and immediately report any handling and/or transport damage. The warranty becomes null and void in the event of damage caused by improper use of the lift and failure to observe the instructions contained in this manual.

Excepting contractual amendments, for a customer that has a VAT registration number, the period of warranty is 12 months from the date of issuance of the test report and covers manufacturing defects for electrical equipment, bodywork and mechanical parts.

For a private customer, the period of warranty is 24 months from the date of issuance of the test report and covers manufacturing defects for electrical equipment, bodywork and mechanical parts. The period of warranty indicated is subordinate to stipulation of a contract for the half-yearly inspection and preventive maintenance operations.

At the time of installation/purchase, the purchaser must check the lift and immediately report any handling and/or transport damage. The warranty becomes null and void in the event of damage caused by improper use of the lift and failure to observe the instructions contained in the user manual.

The warranty covers only replacement of parts that we deem to be defective; our decision is final. The warranty becomes null and void in the event of improper use and/or maintenance. The warranty excludes material shipping costs, travelling expenses and the cost of hours of travel of our technicians and shall always be borne by the Customer.

The period of warranty starts from the date of delivery of the materials.

GENERAL WARNINGS

This manual contains the instructions for use and safety with the aim of providing the user with all the information relating to use of the system.

This manual forms an integral part of the machine and is to be kept for future reference.

It is therefore advisable to:

- carefully read all the instructions before using the machine for the first time;
- meticulously carry out each operation described observing the safety rules;
- keep a copy of this manual in the immediate vicinity of the place of installation of the lift so that the operators can consult it at any time in case of need.

UPDINAMIC S.r.l. declines all responsibility for damage caused to persons or things due to:

- Non-observance of these standards and instructions;
- change of destination;
- improper use of the machine;
- any modifications made to the machine without the permission of the manufacturer.

When reading this manual, pay attention to the symbols listed below.



WARNING

The rules and/or instructions marked with this symbol regard safety. This symbol indicates the hazards to which the operators are exposed during lift operation. If the rules marked with this symbol are not followed, the machine may be damaged with consequent hazard to the operators.



PROHIBITED

The rules and/or instructions marked with this symbol regard operations that absolutely **MAY NOT** be carried out. Non-observance of these rules may damage the lift and/or cause serious hazards to the operators.

IMPORTANT

IMPORTANT

This type of signal indicates that particular attention should be paid when carrying out cleaning and/or maintenance operations. Inobservance of these rules may damage the machine and/or cause serious hazards to the operators or others.

BASIC SAFETY RULES

The inspection, maintenance and installation operators must have the required qualifications. In Italy, the installation company must have the required professional technical qualifications (letter "f" of Law DPR 162 of 30 April 1999)

The lift owner must ensure that anyone who has access to the control devices has read through and fully understood this manual and the accompanying maintenance manual. It is also important that the owner have the operators comply with the regulations and/or requirements depending on the place of installation.

PROHIBITED



The following is absolutely prohibited:

- Using the goods lift for different purposes from the one for transfer of materials to different floors;
- Using the goods lift for purposes which are not those of transport in ascent and descent of one person or goods of a non-flammable nature (SPB System);
- Moving the goods lift with a properly secured non-distributed load;
- Loading the goods not within the profile of the platform
- Exceeding the weight limit recorded on the identification plate positioned on the guide carriage of the machine;
- Tampering with the electric panel, limit switch, electric locks installed on the floor doors, hydraulic control unit and other components and safety devices present in the system;
- Abandoning loads on the loading platform for beyond the time necessary for transport;
- Activating the lift if there is a presence of protruding materials or precariously-balanced loads.
- Activating the lift if it is displaying issues or presenting hazards;
- People, animals and things remaining on-board the platform and/or in the box during movement operations;
- Activating the command devices and abandoning the controls zone;
- Loading the platform with concentrated loads of 50% more than the declared capacity;
- Activating the lift if it is displaying issues or presenting hazards;
- Acceding to the loading platform in a case of a fault or malfunctioning of the system;
- Use by persons of less than 18 years of age;
- Use by persons under the influence of alcohol or drugs;

CORRECT USE

The use of the goods lift is in respect of the following rules:

- it must only be used for the purpose for which it was constructed;
- the electrical connection must be made to a mains protected according to the safety regulations in force;
- access of the person to the platform is permitted during the loading-unloading operation only



for the maintenance technician;

RISKS ARISING FROM NON-OBSERVANCE OF THE SAFETY REGULATIONS AND RULES

Non-observance of the safety regulations and rules may damage the lift, cause harm to the operators and/or the environment, and lead to forfeiture of the warranty on the lift. Damage deriving from non-observance of the safety rules may give rise to:

- Machine malfunctioning;
- Electrical and mechanical risks and/or hazards;

RESIDUAL RISKS



Any activation may only take place after taking the utmost care that people, animals or things are not standing or walking within or in the vicinity of the machine perimeter



The goods loaded on the platform must be suitably blocked to avoid shifting during its movement.



If the transported goods are on wheeled carriages, the carriages must be provided with wheel-blocks that are applied during movement of the goods.



Ensure that any system-dedicated fire extinguisher is always efficient and has been overhauled within the times and in the ways set down in the law.



Ensure that the access floors are kept completely free of obstructions to prevent hazards during the loading and unloading of the goods.



Crushing due to components of the machine or during its operation



Shearing during machine operations.



Snagging and dragging caused by mechanical members in motion.



Impact cause by mechanical members in motion.

ELECTRICAL CONNECTIONS



Connection of the power supply must be carried out by an authorised electrician according to the local regulations.

Before making the connections, disconnect the power supply. The wiring diagram and the electric panel labels show the information necessary for connection and the required power supply values.

MAKING MODIFICATIONS AND INSTALLING NON-ORIGINAL PARTS

It is prohibited to make modifications or fit spare parts and accessories not authorised by the lift manufacturer.

WARNING SIGNS



Signs/signals present on the machine:
prohibition of presence of inflammable substances



Controls on board
Emergency manoeuvres instructions
Emergency call instructions



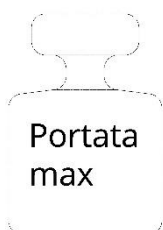
Obligation to read the user manual



Instructions for floor commands



Positioning of the strut in the pit for maintenance operations



Maximum system capacity

Portata
max



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WARNING SIGNS ON PANEL



Voltage present hazard signal, positioned on the electric panel.

**EMERGENCY
BUTTON**

Emergency button identifying signal

The original positions of written warnings and signals must be conserved.

LIFT IDENTIFICATION DATA

For any request for intervention or spare parts, it is advisable to always specify the data on the identification plate:



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MODELLO

PORTATA MAX Kg

N° DI SERIE

ANNO DI COSTRUZIONE

DESCRIPTION OF THE MACHINE

UP Goods Lifts are machine for internal shafts with hydraulic cylinder operation.

The machine is a lift apparatus which connects floors, defined by a load support which moves at a speed of no greater than 0.15 m/s along rigid guides and the inclination of which on a horizontal plane is greater than 15 degrees.

The machine is destined for transport:

of a person;

only of things;

of a person and things;

USING THE SYSTEM

Listed below is a series of information useful for proper use of the system and to understand the devices and the instructions given to the user.

A distinction is made between standard controls and warning lights and optional controls and warning lights, indicated with the symbol (□) which will be crossed when they are present.

CONTROLS, WARNING LIGHTS AND DEVICES OUTSIDE THE LIFT



CALL BUTTON FROM A FLOOR:

This is a white illuminated button, or a green illuminated selector for calling the goods lift to the floor where the operator is located. The command from outside is pulsed.

The button will be disabled if:

- the goods lift is on the same floor as the button
- the goods lift is already in motion.
- There is an ongoing operation inside the goods lift
- For 5 seconds following the conclusion of the ongoing operation inside the lift
- For 5 seconds from closing of the landing doors
- A safety device has been triggered or a door is open

Wait for the goods lift to arrive before starting the goods loading and unloading

operations

FLOOR SEND BUTTON:

This is a white luminous button, or a green luminous selector for sending the goods lift to the floor where the operator is located. The command from outside is pulsed.

The button will be disabled if:

- the goods lift is on the same floor as the button
- the goods lift is already in motion.
- There is an ongoing operation inside the goods lift
- For 5 seconds following the conclusion of the ongoing operation inside the lift



- For 5 seconds from closing of the landing doors
- A safety device has intervened or a door is open

Wait for the goods lift to arrive before starting loading and unloading operations.

STOP BUTTON (red):

This is an emergency stop control to be used only in case of need if you think the movement of the goods lift is making it not safe.

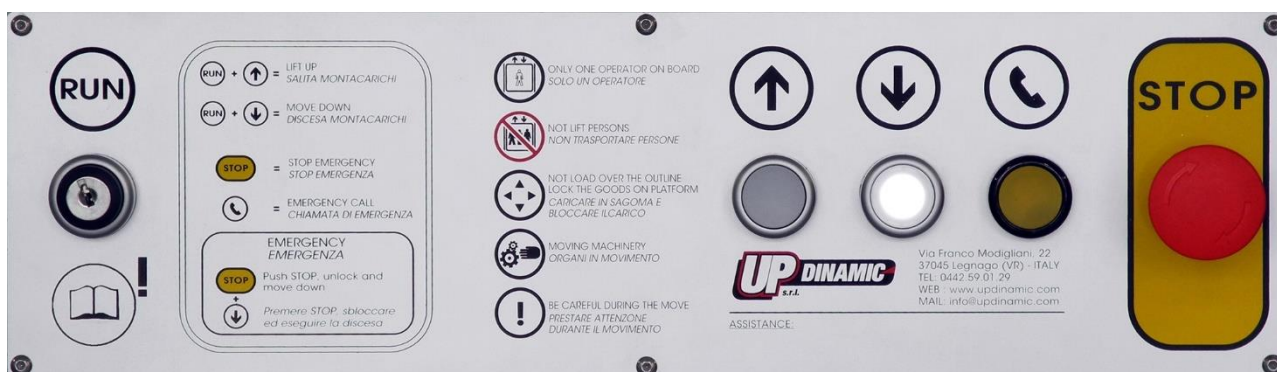
Before resetting the button, set the system to a safe state.

LED ON BUTTON

The LED on the call or send button provides the following indications:

- a) Off: the goods lift is off or on another floor in rest conditions.
- b) On: the goods lift is stationary at the floor indicated by the button.
- c) Flashing slowly: the goods lift is ascending or descending.
- d) rapid flashing: indicates that the stop button has been pressed or a door has been forced open during movement and the goods lift has stopped and is waiting for the safety conditions to be restored before accepting other commands.

CONTROLS, WARNING LIGHTS AND DEVICES INSIDE THE LIFT



SEND BUTTON TO FLOOR + RUN BUTTON:

This control consists of a white luminous button to send the goods lift to the destination floor and a key selector with return.

Inside the lift, there is a deadman double hold-down control; the system will accept the command only if the landing button and the RUN key selector are simultaneously activated in a fraction of 1 second.

The button must be held down until the loading platform arrives at the desired floor.

WARNING: during ascending movement the system always passes beyond the arrival floor, then to automatically perform a descending positioning manoeuvre at low speed.

Release the command only when the floor light becomes constant.

The button will be disabled if:

the goods lift is on the same floor as the button

A safety device has intervened or a door is open

Wait for the goods lift to arrive before starting the goods loading and unloading operations.

THE CONTROLS INSIDE THE LIFT HAVE PRIORITY OVER THE CONTROLS OUTSIDE THE LIFT

STOP BUTTON (red):

This is an emergency stop control to be used only in case of need if you think the movement of the goods lift is making it not safe.

Before resetting the button, set the system to a safe state.

GSM RESCUE BUTTON (GREEN OR YELLOW):

This is a pulse control that sends a rescue message via a GSM control unit to the phone numbers selected during installation.

GSM REMOTE RESCUE

The emergency call system is a standalone system with a pushbutton panel on board; upon activation of the emergency button it immediately calls the rescue station of the lift maintenance company (*) via the GSM dialler or fixed line.

CABIN COURTESY LIGHT

This is an 18W - 24V DC white fluorescent neon light controlled by the goods lift program.



To keep the on-board light constantly switched on press the emergency stop

PHOTOCELLS ON BOARD THE CABIN



The open sides of the cabin are provided with safety photocells.

2 photocell ranks are present on each side

It is sufficient to interrupt one rank only to halt the machine

When the photocells are interrupted, the light on-board the cabin lights up and remains lit while the photocells are occupied.



Frequent cleaning of the photocells is recommended.

FUNCTIONING

It is a stand-alone system; for its operation, it only requires electrical energy to power the hydraulic control unit and the control pushbutton panel located at a safety distance from the machine.

The following conditions must be satisfied for the starting up of the machine:

- Closure of the gates operated by the electric locks, present on the access planes.
- The emergency button released
- Photocells free of obstacles on board the platform
- Platform in correct arrival position on the floor landing (0,1,2,3)
- Intervention of the commands of one of the pushbutton panels to activate the machine.



The goods must be loaded within the volume dimensions of the platform, which the operator must be able to clearly see during the movement where possible or must remain in the vicinity in order to be able to interrupt the motion if faults are observed.



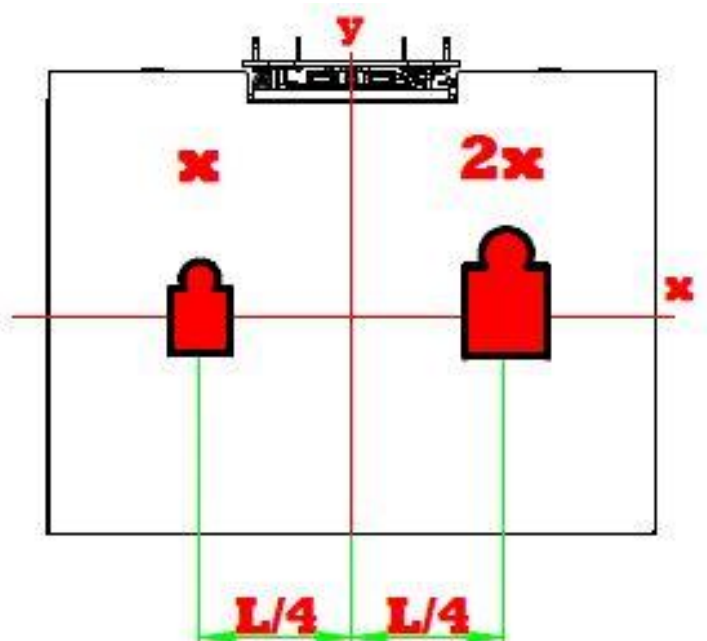
Any activation may only take place in conditions of maximum visibility of the platform where possible, taking the utmost care that people, animals or things are not standing or walking within or in the vicinity of the platform perimeter.



The goods must be loaded in such a way that the on-board operator has at least 40cm space between the command pushbutton panel and the goods.



Loading position enabled during the movement.





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MOVEMENT

The ascent and descent movement of the mobile mechanisms is done by means of hydraulic lifting cylinders and chain transmission.

If the machine is not activated, act on the general switch present on the electric panel.

INSTRUCTIONS FOR EXTERNAL USE

With the platform positioned on another floor, the button on the floor that has called will be off. Press the pulse-action call button on the desired floor; the luminous signal on the button will start flashing (slow flashing) and the LED will become constant when the loading platform has arrived at the floor where the call was made.

Open the external guards on the access floor, introduce the load onto the loading platform, checking that it does not exceed the useful volume of the loading platform.

Exit the loading platform and re-close the guards to enable the electric locks to give consent to the activation of the machine.

Wait 5 seconds (time indicating the lift is occupied) and activate the button on the desired destination floor; the LED will start flashing for the whole descent/ascent up to the lighting up of the luminous signal on the button of the desired floor.

The load is collected and the protection guards are re-closed: wait 5 seconds and the goods lift is ready to receive a new command.

INSTRUCTIONS FOR INTERNAL USE

Open the external guards on the access floor, introduce the load onto the loading platform, checking that it does not exceed the useful volume of the loading platform.

Re-close the guards to enable the electric locks to give consent for the activation of the machine.



From this moment an "occupied time" of 5 seconds is activated, in which the external commands are deactivated and the operator inside the shaft can have the internal command pushbutton panel within reach without any risk of unexpected movements.

Press the send button of the desired destination floor and the RUN command, keeping the button pressed until the floor is reached.

During the manoeuvre the external commands are deactivated up to when the operator on board repositions the loading platform at a floor.

The operator on board can halt the manoeuvre and invert the motion at any time.

Having arrived at the floor, the external guards are opened and the goods unloaded from the loading platform; the guards are then closed

INTERRUPTION OF CYCLE

- When interruption of the ascent or descent cycle is caused by release of the user's deadman control or by the intervention of the emergency mushroom-head button, if there has been no alarm intervention due to an erroneous proximity reading or limit switch or photocells, the manoeuvre on-board the machine can be continued normally or reversed to change the translation direction.
During a cycle that has been initiated on board the machine, action can be taken from the outside only with the emergency mushroom-head button, up to completion of the cycle.
- When interruption of the ascent or descent cycle is caused by: incorrect proximity or limit switch reading, or loss of electrical energy, and the machine is between one floor and another, once the normal operating conditions have been restored, the EMERGENCY DESCENT manoeuvre can be carried out by **qualified personnel**.

POWER FAILURE:

With an SPB version (with a person on board) the system is equipped with UPS to enable some manoeuvres even in the absence of electricity:

LOADING PLATFORM AT FLOOR:

The UPS keeps the locks active so it will be possible to open the floor closures.

LOADING PLATFORM DURING DESCENT:

The UPS will keep the cycle active and will take the system to the floor with no need of other commands.

When the system has reached the floor it will power the lock to enable opening of the floor door.

LOADING PLATFORM DURING ASCENT:

the system will block and it will be necessary to release the ascent commands (when there is an on-board manoeuvre) and invert the cycle to actuate the descent to return the platform to the lower floor.

When the system has reached the floor it will power the lock to enable opening of the floor door.

NB: during a break in electrical energy ALL functions will be active,
EXCLUDING THE RAISING MANOEUVRE.

LENGTHY MACHINE SHUTDOWN

If the lift has to be stopped for an extended period of time, take the following precautions:

- Disconnect the system from the electric system and post appropriate warnings signs on the electric panel;
- - Protect the electric motors, however, avoid using plastic components to prevent formation of condensation.

To prevent damage caused by putting the lift out of service and to prevent corrosion and humidity damage to the electric motors and the devices during long out of service periods, operate as follows:

- Place the devices in dry and well ventilated places;
- The status of the stored equipment must always be controlled.

STARTING THE MOTORS AFTER AN OUT OF SERVICE PERIOD

The insulation value of motors that have been left in a humid environment for a long period of time may be reduced. The main cause is due to the lack of heat because the motor has not been operating, which normally keeps the motor parts dry. For safety reasons, the insulation must be returned to the correct values by means of a drying procedure before restarting use of the lift. To put the lift back into service, contact Technical Service.

PERIODIC CHECKS TO BE CARRIED OUT BY THE OWNER

In its own interest, the owner must absolutely periodically carry out the following controls and tests on the system, notwithstanding the control duties performed by the maintenance organisation:

- Complete lift run (ascent and descent) checking any variations in the quality of the cycle, damage to the equipment, in particular checking:
 - landing doors
 - accuracy of stopping at the levels
 - landing buttons
 - emergency button
 - alarm device (where present)
 - - safety warning signals

PROHIBITED IMPROPER USES AND PROHIBITIONS OF USE OF THE LIFT

The machine must be exclusively used only for those operations described in the present manual. Any use different from what is declared or which is not included or deducible from the content of this manual is to be considered prohibited.

Any use of the lift for any use other than those expressly specified in the present manual is absolutely prohibited.

No operation requires manual actions on the lift.

NOISE

The mechanical and electromechanical elements on board the cabin and inside the lift shaft are developed with specific anti-noise predispositions, so the noise level in the cabin is $L_p A < 70$ dB (A).

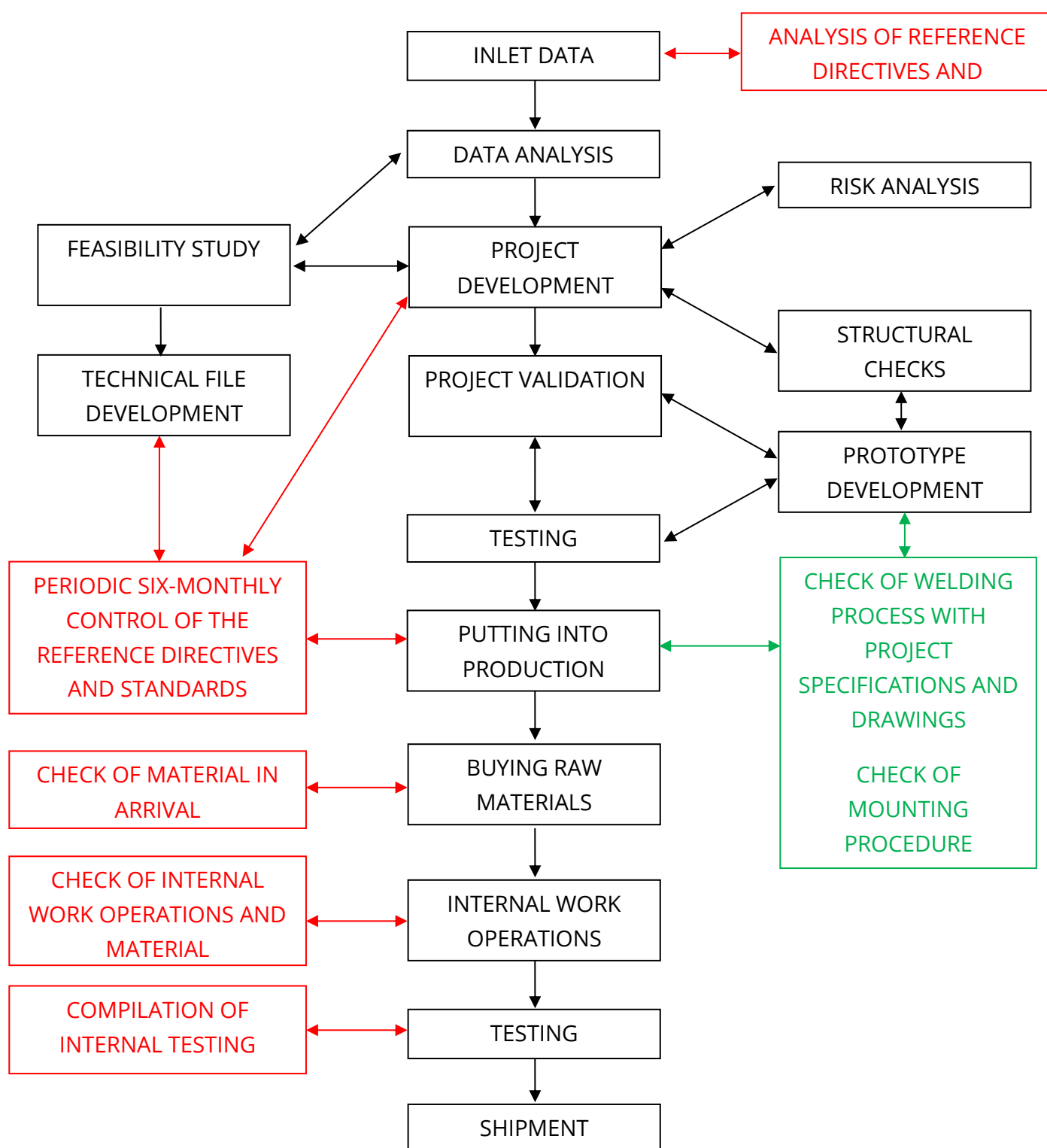
The one source of noise is the hydraulic control unit located in the utility shaft; in this area the noise at one metre from its source is $L_p A = 72.3$ dB.

TROUBLESHOOTING

Every mechanical or electrical component may be subject to faults, however, the risk can be reduced by carrying out the required maintenance. The table below lists the possible faults and remedies:

No.	Fault	Possible cause	Remedy	Problem solved	Further check
1	The lift is blocked	General failure	Contact Technical Service		
2	The lift is blocked	The emergency button has been pressed improperly	Carry out the general reset manoeuvre		
3	The lift is blocked	Power failure	Carry out the general reset manoeuvre		
4	Impacts and damage to the goods lift		Contact Technical Service		
5	The goods lift does not arrive at the limit switch	Hydraulic circuit leakage	Contact Technical Service		

PROJECT/PRODUCTION AND STANDARDS CHECKING PROCEDURE





USER MANUAL

Rev.03 Updated 26/06/2018

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One level ahead.

TECHNICAL SERVICE

Contact the system maintenance company or our Sales and Technical Service Department for anything you may need.

TECHNICAL SERVICE

UPDINAMIC S.r.l.

Via Modigliani, 22
37045 Legnago (VR)
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REPAIRS AND SPARE PARTS

Important

IMPORTANT: For any repairs, contact qualified and authorised persons.
Should you ask our Sales and Technical Service Department for technical information or spare parts, always specify the data indicated on the identification plate.



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