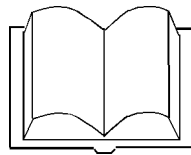


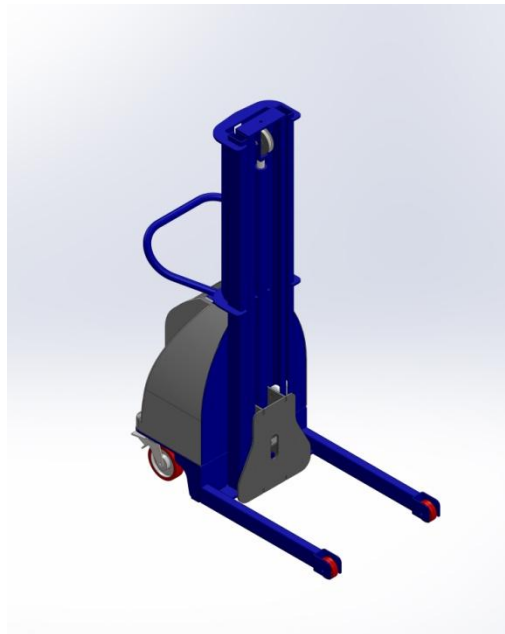
OPERATING AND MAINTENANCE MANUAL

1



NEW BINGO UP

FOR THE SPECIAL
VERSIONS Carefully read
the recommendations
given in the appendix



ORIGINAL INSTRUCTIONS

Per la vostra sicurezza, prima di eseguire qualsiasi operazione con il carrello, leggere con attenzione il presente manuale

For your safety and correct operations, please read carefully this manual before using it

Rev.01

LEVANTE s.r.l.
Via dell'Economia 10 - 46035 Ostiglia MN Italia
Reg. of Comp. of MN no.01730440201 Share Cap. fully paid-up €20,800.00 R.E.A. 178082
Tel. +39 0386 801814 Fax +39 0386 801955
e-mail: commerciale@levantelift.it
NEWBINGO-operating and maintenance+spare parts v.201204.13

VAT NO. and TAX CODE 01730440201



Congratulations on your purchase of a new lifter. Carefully read this manual containing the information necessary for personal safety, for forklift operation, its use, maintenance and driving. Always keep the Operating and maintenance booklet handy. If parts of this booklet are not understandable, contact our assistance service LEVANTE SRL SERVICE Tel. 0039 0386 801814 – Fax 0039 0386 801955.






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1. Main information and safety regulations

The manual is structured to be easily read and understood, using the symbols in the table, to support the operator and maintenance technician.

	HAZARD / ATTENTION
	INDICATION
	CAUTION / WARNING

4

The instructions manual is a document issued by **LEVANTE S.r.l.** and it is an integral part of the machine. It is unambiguously identified to allow traceability and any subsequent references.

This document must be kept and used through its operational life, even in the case of sale to third parties.

1.1 Purpose of the document

The main purpose of the instructions manual is to provide customers and personnel interacting with the machine the information necessary for its proper use and maintenance in optimal conditions, with particular regard for this to happen in maximum safety conditions. It is recommended to scrupulously observe the safety precautions throughout operation, service, repair and dismantling of the machine.

Make sure that this operating and maintenance manual is read and understood by all personnel in charge of machine operation or intervention on the machine.

1.2 Responsibilities and duties

The machine was built using resistant and durable materials, in full compliance with the construction standards applicable in the European Union.

LEVANTE S.r.l. is the machine importer on the market by the European Union and, as such, undertakes the burden to certify conformity with the legal provisions in force.

LEVANTE S.r.l. will not take any responsibility for non-compliance with the operating instructions provided in this manual and for use outside the machine's use limits.

Pursuant to Italian Legislative Decree 81/2008, it is mandatory for the employer to ensure the safety of workers by appropriately training them on the correct use of the work equipment and informing them of the risks associated with misuse. Operators must be informed and trained by the employer of the proper use and maintenance of the forklift.

Operators and maintenance technicians must comply with the general accident-prevention standards prescribed by EU Directives and legislation in the country of destination (Legislative Decree 81/2008 in Italy).

1.3 Maintenance/technical assistance of the machine

In case of need for intervention, please contact **LEVANTE S.r.l.**

If the user fails to comply with this publication, we are not liable for problems or anomalies on the proper operation of the supply or on the validity of the warranty stipulated in the contractual phase.

1.4 Machine identification data

The identification of the company **LEVANTE S.r.l.** as the importer of the machine for the initial placement on the market, takes place in compliance with current legislation by means of the documents listed below:

- Declaration of conformity according to Annex II-Directive 2006/42/EC
- Marking plate
- Instructions manual



LEVANTE SRL 46035 Ostiglia MN Tel 0386 801814 Fax 0386 801955		CE	
Modello Modèle Modell	1	Tensione Voltage Voltage Spannung	5
Serie/Anno Serial/Year Serie/Année Serie/Jahr	2	Portata Capacity Charge Tragkraft	6
Peso carrello Truck weight Poid chariot Stapler Gewicht	3	Sollevamento Lifting Lévee Hub	7
Peso batteria Battery weight Poid batterie Batterie Gewicht	4	Baricentro Load centre Centre gravité Swerpunkt	8

Identification plate

- | | |
|-----------------------|--------------------|
| (1) Model | (5) Voltage |
| (2) Serial no./Year | (6) Capacity |
| (3) Forklift weight | (7) Lifting |
| (4) Battery weight | (8) Load centre* |

For no reason whatsoever must the data on the plate be altered.

An exact description of the lifter model and the serial number, will facilitate a quick and effective response by our technical assistance service.

* "Load centre" is the distance of the load centre from the fixing plane of the lifting

mean to the mast.

The lifter capacity depends on the load and the load centre distance from the heel of the fork.

The rated capacities refer to loads with a load centre distance from the mast not greater than 300 mm.



For no reason must the data on the plate be altered.

An exact description of the lift model and the serial number, will facilitate a quick and effective response by our technical assistance service.

If the plate is illegible, contact your dealer and request a replacement plate

1.5 Warranty

The descriptions and illustrations contained in this publication are non-binding. Without prejudice to the essential features of the described forklift, LEVANTE SRL reserves the right to change the parts, details and accessories as it deems appropriate to improve the product or for manufacturing or commercial needs, at any moment and without notice.

- The lift must only be operated by qualified personnel.
- During the time that the lift is entrusted to you, you must use it properly to avoid injury to people or damage to property.

The warranty period is set at 12 (twelve) months.

1. LEVANTE SRL commits to replace all those components which are defective due to an unequivocal manufacturing defect, excluding the battery, charger and electrical parts.

2. During the warranty period, the purchaser will be entitled to the sole replacement of the elements which, at the indisputable judgement of LEVANTE SRL are acknowledged as faulty.

3. This warranty does not cover:

- Damage caused by incorrect or improper use of the product by the user.
- Damage to property or people caused by tampering by unauthorised personnel.
- Damage deriving from atmospheric agents, fires and transport.
- All those parts that, due to their nature or destination, are subject to normal wear and tear. Also excluded: wheels and rollers, batteries, indicators, battery charger and electrical components.



4. Also excluded from this warranty are the transport or delivery expenses in general and the intervention costs for replacement or repair of the electrical or electronic faulty elements: these costs will only be reimbursed if LEVANTE SRL indisputably acknowledges, in writing, an effective and real fault at the origin.

5. Requests for technical assistance must be sent directly to LEVANTE SRL, always specifying the type of machine and the serial number.

6. Any assistance and repair must be authorised in advance by written approval and agreed by the LEVANTE SRL assistance centre. Any intervention carried out without authorisation, or not complying with the above, automatically voids the validity of the warranty.

7. Defective parts replaced under warranty must always be returned to LEVANTE SRL within and no later than 60 days from shipment of the spare parts, for the due inspections. The non-receipt of the defective parts automatically voids the validity of the warranty with consequent immediate invoicing of the shipped replacement parts.

8. LEVANTE SRL assumes no liability for direct or indirect damages, however incurred by the purchaser or by third parties, for the employment and use of the products covered by this publication

1.6 Accident prevention and forbidden uses

The Levante stackers are entirely made in compliance with the legal provisions in force regarding safety of machinery and, in particular, in compliance with the essential safety requirements of Machinery Directive 2006/42/EC and harmonised standards applicable to the product (UNI EN ISO 3691-5:2010).



It is compulsory for operators and for personnel in charge of operating and servicing the forklift, to comply with the accident prevention standards in force. It is also recommended to pay particular attention to the following safety warnings:

- None of the operating personnel must be under the influence of sedatives, drugs or alcohol and must be perfectly aware of the operating characteristics and hazards associated with use;
- The lift does not provide for passengers on board and should not be used to lift/transport people
- Pay attention to the warning pictograms placed on the machine;
- Observe the rules for corporate traffic;
- Prohibition to use the fork jib cranes as levers for lifting loads.
- Prohibition to lift loads beyond the capacity limit indicated on the marking plate.
- Prohibition to lift suspended loads or loads able to swing freely.
- Prohibition to handle the forklift with the forks lifted, except for goods loading and unloading operations.
- Prohibition to place the forklift in direct contact with food.
- Prohibition to place hands or feet under the forks
- The weight of the load must always be placed in the centre of the forks, it is forbidden to load one fork only
- Use suitable clothing and footwear.
- DO NOT stand near the lift or in an area that can be reached by load falling or by lifting or lowering system. The operator is responsible for compliance with this provision.
- **DO NOT ALTER OR MODIFY THE FORKLIFT. It is forbidden to remove or modify the guards or the safety devices. If necessary, only contact qualified personnel, authorised by the manufacturer.**
- **If the guards are damaged, or any part thereof, immediately replace them. Use only original spare parts supplied by the manufacturer.**
- **DO NOT USE THE FORKLIFT TO LIFT PEOPLE**
- **Perform maintenance after having discharged any residual energy from the electric circuits;**
- **Subject the lift to the preventive maintenance interventions provided by the manufacturer. All maintenance work, repairs, adjustments and inspections must be performed by AUTHORISED PERSONNEL only;**



- Immediately inform management of any damage or failure that has arisen during your work shift. This applies to all incidents;
- Do not use the lift in the case of damage or defects such as to compromise the safety and working features. Not even if the lift has been repaired without the supervision or approval of authorised personnel.
- Always use original spare parts or commercial parts fully compatible with those assembled on the machine (ref. sections 3, 4, 5 and spare parts);
- Clean machine coatings with soft and dry cloths or slightly moistened with a light detergent. Do not use any type of solvent such as alcohol, benzine or thinner, as the treated surfaces may be damaged;
- Recharge machines in adequately ventilated areas and with an appropriate air exchange, in a dry place and away from heat sources.
- DO NOT open the battery covers near heat sources, naked flames or cigarettes, vapours of flammable substances.
- DO NOT tilt or overturn the battery as the corrosive liquids may leak and create a source of potential contact with the operator.

1.7 Notes on residual risks

OPERATORS MUST BE INFORMED AND TRAINED BY THE EMPLOYER ON THE RUNNING AND THE PROPER WORK PROCEDURES CONCERNING USE AND MAINTENANCE OF THE MACHINE.

The machine was built in compliance with the rules of good practice, performing the necessary tests to verify the correct construction.

For its nature, the machine has risks due to the safety conditions during use, due to the stability and risk of tipping.

In detail there are:

- risks during the handling of heavy loads, both pertaining to lifting forces (in case of manual operation) and pushing/pulling power and rotation;
- risk of crushing feet under the load, for which it is mandatory to wear safety shoes;
- risk of tipping onto one side, in particular when transiting on a slope, moving with the load lifted, transporting swinging loads or with the load centre substantially offset with respect to the longitudinal median surface of the forklift, covering irregular floors, when colliding with fixed and/or mobile structures, the load centre is incorrectly evaluated;
- risk of tipping backwards, in particular when the fork jib cranes or the platform is stationary on an obstruction;
- crushing, shearing and entanglement with lifting parts, in the chains or due to the fall or tipping of the machine towards the operator's working position.



The flat batteries and storage batteries contain solid waste and liquids that are toxic to human health and for the environment. Take the due precautions during removal and disposal against the risk of contact with corrosive products. Absorb any waste liquid generated when handling the battery or during dismantling of the hydraulic lifting system, using suitable absorbing material. Dispose of storage batteries and batteries in compliance with the environmental legislation in force: store the components, awaiting withdrawal, in airtight containers that do not leak and do not expose them to atmospheric agents (rain), and entrust their disposal to a company associated with COBAT (Consorzio Obbligatorio Batterie Esauste (Exhaust Batteries Mandatory Consortium)).

Dispose of waste oil in compliance with the environmental legislation in force, entrusting withdrawal and disposal to a company associated with the Consorzio Obbligatorio degli Oli Usati (Mandatory Consortium of Waste Oils).

THE FORKLIFT MUST ONLY BE USED BY AUTHORISED PERSONNEL, PROPERLY TRAINED ON THE CORRECT METHOD OF USE AND ON ITS RELATED RISKS.

LEVANTE TAKES NO LIABILITY FOR ACCIDENTS OR DAMAGE DIRECTLY OR INDIRECTLY CAUSED BY IMPROPER, RECKLESS OR NEGLIGENT USE OF THE EQUIPMENT, DUE TO FAILURE TO COMPLY WITH THE ACCIDENT PREVENTION REGULATIONS PROVIDED BY THE CURRENT LEGISLATION OR THE REQUIREMENTS CONTAINED IN THIS MANUAL.





● **DO NOT CARRY OUT REPAIRS. IF THESE INTERVENTIONS ARE PERFORMED BY INEXPERIENCED PERSONNEL, THEY MAY ALTER THE MACHINE'S SAFETY LEVEL.**



Perform all work and maintenance in compliance with current health and safety at work regulations, carefully observing the recommendations contained in this manual.

ATTENTION! Crushing hazard between forks and spokes

When handling the load IT IS FORBIDDEN TO PUT YOUR FEET ON THE FORKLIFT'S SPOKES.

A manoeuvring error or inattention may cause crushing between the forks and the spokes, with possible injury to the operator.

Proof of the hazard, and its predictability, the slow descent speed of the forks and the maintained type control, considerably reduce the probabilities of damage due to this type of situation.

FOR THE SPECIAL VERSIONS CAREFULLY READ THE WARNINGS GIVEN IN THE APPENDIX

1.8 Limits of use

The semi-electric stackers are designed to work within a normal working environment, to move loads by pulling/pushing and lift loads by means of lifting devices powered by human strength (manual lifting) or by electric force (lifting with battery operated hydraulic piston).



: IT IS forbidden to use the semi-electric stacker as supplied, in areas classified at risk of explosion under ATEX Directive 99/92/EC and, in Italy, under Legislative Decree 81/2008.



: The machine must be used on a non-slip, hard floor without holes or obstacles. It is forbidden to use the forklift on sloping floors or on ramps, except when the forklift is empty.

The work environment must have a lighting of at least 50 lux.



: The machine is not suitable for use or to be parked outdoors, exposed to atmospheric agents.



: the machine is not suitable for intensive or continuous use.



:The machine is not suitable to lift people.



2. Technical features

2.1 General specifications

The NewBingo mini-lifter is a manual lifter with electric device for lifting forks or accessories fitted on it.

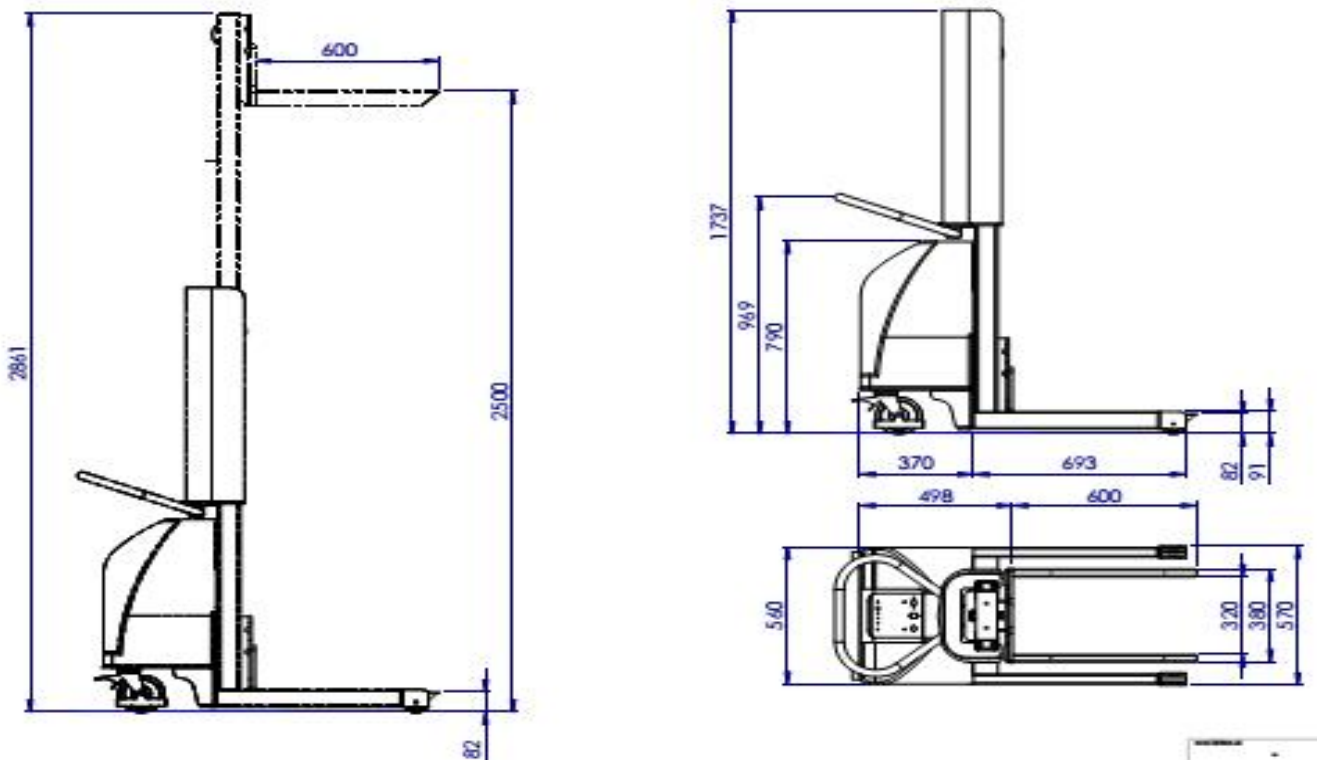
The forklift is designed to work within a normal work environment, to lift loads by means of lifting devices powered by electric motor.

Upon acceptance, please check that the forklift is in every way as requested by you.

The NewBingo mini-lifter is currently available in one version:

Model		BINGO UP
Capacity	Kg	350
Lifting	mm	82 - 2500
H mast	mm	1725
Rollers	No./m m	2 / 80 x 30
Wheels	No./m m	2 / 150 x 40
Lifting motor	V/W	24 / 500
Lifting speed	Cm/sec	max 8.3 / min 6.0
Batteries	No. x V/Ah	2 x 12 V / 55 Ah
Battery weight	kg	15
Charger	V/A	24 V / 5Ah

2.2 Overall dimensions



2.3 Fittings and accessories

Depending on the chosen model, the following accessories can/cannot be applied:

NEWBINGO UP (Capacity 350 Kg / h. lifting 2500 mm)

Compatible accessories: forks, nylon platform (mounted on the forks), spur, spur with rollers, roller unit (mounted on the forks), cradle for reels (mounted on the forks), jib crane, roto-reels.

The forklift is supplied with the accessory you ordered.

It is strictly forbidden to make changes to the accessory or to the forklift.

For details and limits of use of the individual accessories, see chapter 4.

2.4 Rated capacity

The maximum capacity of your lift is indicated on the data plate and depends on the load and the load centre distance from the heel of the fork.

The rated capacities refer to loads with a 300 mm load centre from the fixing plane of the lifting mean.

When the load centre distance exceeds this value, additional precautions must be taken and the capacity must be proportionally downgraded.

DO NOT FOR ANY REASON OVERLOAD THE FORKLIFT BEYOND THE INDICATED RATED CAPACITY

2.5 Storage

Store the machine in a covered, dry place and not subject to high moisture, at a temperature between 5°C and 40°C.

2.6 Control and command devices



ON/OFF Key - Emergency stop

It consists of a red key to be turned anti-clockwise in the event that the machine does not respond to the operator commands.

If the weight to be lifted exceeds the maximum capacity allowed, the forks do not rise and the overload relay blocks. Reset the key to restore proper operation.



Fuse (see chapter 7)

Component placed inside the machine to protect the electrical and electronic part against short-circuits or over-ampereage. Component subject to wear. We recommend immediately reordering when the spare part is used (see page 29 spare parts).

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Charger indicator

Inhibits lifting of the forks before the batteries are excessively discharged; as soon as the red LED turns on, RECHARGE.

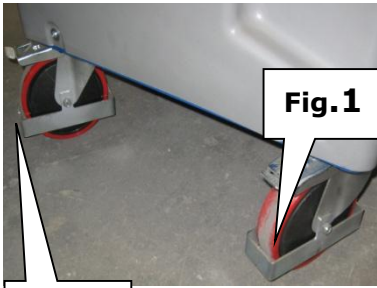
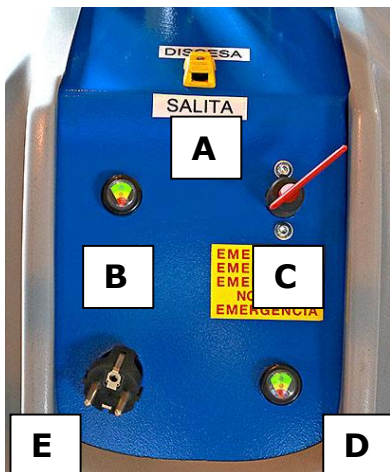


Fig.1

Parking brakes

To stop the forklift on a ramp during loading/unloading, press the small pedals of the brake located on the two rear wheels (**FIG.1**) To release it, disengage it by lifting the pedal by pulling under the pedal with the tip of the shoe.

Fig.1



Commands and instruments

- (A) Forks up (ON/OFF function) and down command lever (proportional function)
- (B) Battery charge indicator
- (C) ON/OFF key (safety stop)
- (D) Battery recharge cycle control indicator
- (E) Plug for charger cable



3. Operating procedures

The stacker must be used in compliance with the current safety regulations and accident prevention regulations in chapter 2.

Before using the forklift, perform the preliminary checks described in par. 3.1.

3.1 Preliminary checks

Before using the stacker, check the points listed in the table.

OPERATION	FREQUENCY	PROCEDURES
Check the status of belts, wheels, mast, side handles	Daily	Visual inspection
Check the correct rolling of the wheels	Daily	Move the forklift forward/backward and right/left
Check the locking of the wheel stop	Daily	Activate the wheel stop and ensure that the forklift does not move by trying to move it
Check the operation of the loads ascent/descent lever	Daily	Move the lever towards the operator and ensure the forks move up Move the lever towards the guards and ensure the forks lower down
Check the operation of the emergency stop device	Daily	During ascent, switch the emergency key ensuring it locks the forks movement

3.2 Loading

Balance the load adequately so that the load centre is inside the forks of the machine. Do not overload the forklift beyond the rated capacity and never place the load on a single fork.

Only use pallets in good condition and avoid the load from protruding beyond the pallet itself.

Do not use the forklift to lift suspended loads or loads able to freely swing, nor to lift or transport people. Always check the load condition during use of the forklift. If the load becomes unstable, stop use and restore stability before continuing.

3.3 Forklift handling

The forks are lifted via electric command located on the operator console. The forklift is manually handled, by pushing or pulling, by acting on the appropriate handles. Move the forklift slowly and steadily, keeping the load lowered.

During loading, the command circuits of the forks are disabled.

The forks lowering function is inactive with the key in the OFF position.



ATTENTION: The forklift is not suitable for continuous use, the actuator may be damaged. For every minute of use of the lifter, leave the motor in stand-by for one minute.



During the handling operations keep your hands, feet or other body parts away from the lifting mechanisms.



3.4 Precautions of use during handling

The load lifting/lowering operations must be carried out with the forklift blocked by the wheel stop (as described in paragraph 2.6 Fig.1)

During the load lifting and lowering, warn the other operators and prevent them from standing or passing under the forks.

Prevent personnel nearing the machine during forklift handling and avoid contact with any obstacles; maintain a safe distance of at least 100 cm from people.

Remember that it is forbidden to travel on slopes, except with the forklift empty. Slightly sloping surfaces are allowed (short ramps >2%) and, however, with the operator facing away from the load placed at the lowest level.

13

3.5 Forklift parking

When the work is completed, unload the forks and place the forklift with forks lowered in a suitable place and only accessible by authorised personnel. Remove the ignition key from the housing and park the forklift by activating the wheel stop.

3.6 Precautions in the case of failure and emergency situations

In the case of a hazard, you can activate the emergency device on the operator console. Switching the key to OFF interrupts any electric movement of the forklift.

A fault in the command system can prevent the regular descent of the forks: **Pay the utmost attention in the case of electric failure or control circuits fault when the forks are lifted and the load suspended.**

Do not carry out any troubleshooting under the suspended and potentially unstable load, without having first taken the necessary measures to ensure the safety of the operations!

If necessary contact an authorised assistance centre.

3.7 Battery charging procedure

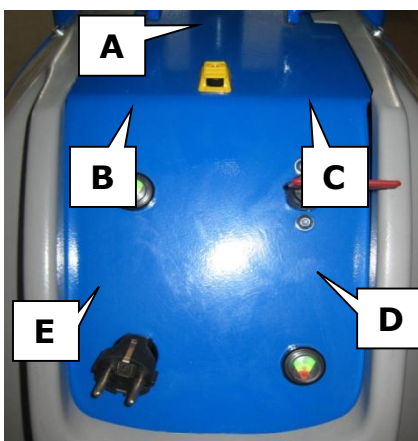
The electric forks lift system is entrusted to a worm screw geared motor powered by two 12V 38Ah batteries with on-board battery charger.

The indicator (B) informs the user on the charge status of the batteries, which must be periodically recharged.



**Recharge the batteries completely when the yellow light on the charge level indicator turns on!
If the forklift is not used, the batteries must still be recharged at least once a week.**

To recharge the batteries, proceed as follows.



- Pull out the plug (E) and connect it to the 230V mains
- Leave the key (C) at ON
- The signal board (D) contains 3 LEDs that indicate (from bottom to top): initial charge - final charge - recharge cycle end. At the end of the cycle, the system automatically disconnects.

To recharge the batteries, make sure that the environment is adequately ventilated (for further information, see chapter 8).

Upon reactivation after a temporary suspension of the charge cycle, the battery charger detects the battery charge status and automatically starts a new charge cycle.



DO NOT activate the forks (A) command lever during recharging.



The supplied batteries do not require maintenance. Replace the batteries when exhausted.

4. Lifting accessories

List of accessories available for each model

	forks	nylon platform	spur	cradle for reels	roller unit	jib crane	Roto reels	gripper
NEWBINGO UP KG H.2500	√	√	√	√	√	√*	√	√**

*: check rope length and capacity

** : check capacity

4.1 STANDARD FORKS



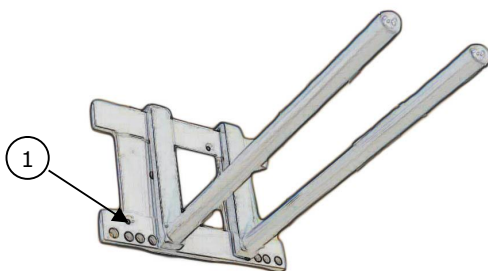
This is the accessory supplied as standard.

It can be made in special versions (rotated, shortened or narrow forks).

The maximum load capacity is always specified in the forklift's data plate.

LEVANTE handling ideas	
Lifting system	
Type Tipo Modèle	Forche
Peso Weight Poid	-
Portata Capacity Charge	See lifter max load
Sollevamento Max Lifting Levée	See lifter max lifting

4.2 ADJUSTABLE FORKS



slipping sideways during forklift handling.

The mobile forks are anchored to the forklift plate by chains that prevent it falling during handling.

Do not remove or damage the safety chains.

Periodically check their state of maintenance and, if necessary, replace them with original spare parts supplied by the manufacturer.

Adjustable forks allow changing the distance between the forks, which can be adapted to the different load requirements.

To adjust the amplitude of the forks, manually move them ensuring that the pin on the back of the fork is inserted in the corresponding hole (1) on the support platform. This gives the forks their due stability, preventing them from

LEVANTE handling ideas	
Lifting system	
Type Tipo Modèle	Forche regolabili
Peso Weight Poid	-
Portata Capacity Charge	See lifter max load
Sollevamento Max Lifting Levée	See lifter max lifting

ATTENTION: The forks must be placed symmetrically to the longitudinal platform of the forklift.

DO NOT, FOR ANY REASON, USE THE FORKS IN AN ASYMMETRIC POSITION.



4.3 FORKS WITH PLATFORM

The platform, 600x500mm and 15 mm thick, is made of polyethylene and is fixed to the below sheet metal with M6 countersunk screws.



The capacity is that of the forklift.


Pay attention not to load objects exceeding the recommended dimensions.

Periodically check the clamping and seal of the screws.

Periodically clean with non-abrasive cloths. Avoid using chemically aggressive detergents or solvents.

If the platform is worn, deformed or cracked, immediately repair it with an original spare part.

Maximum capacity and limits of use are stated on the data plate.

LEVANTE handling ideas	
Lifting system	
Tipo Type, Modèle	Forche con pianale
Peso Weight, Poids	--
Portata Capacity, Charge	See lifter max load
Sollevarmento Max Lifting, Levée	See lifter max lifting
	L max = 450mm H max = 500mm

4.4 SPUR



Lifting accessory typically used to fork the reels of various types and sizes.

For a proper safe use, the maximum length of the transportable reel is shown on the label.

It is recommended not to maintain the load on the tip but always push it to the end of the spur, paying attention not to crush your hands.

LEVANTE handling ideas	
Lifting system	
Tipo Type, Modèle	Sperone
Peso Weight, Poids	--
Portata Capacity, Charge	100Kg
Sollevarmento Max Lifting, Levée	See lifter max lifting
	L max = 700mm

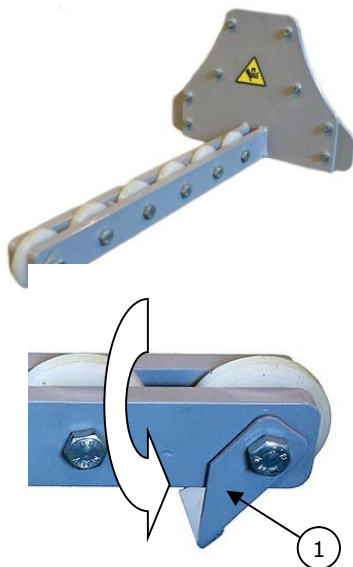
4.5 SPUR WITH ROLLERS

Accessory similar to the spur but fitted with rollers which facilitate loading and unloading the reels. It is fitted with a safety stop (1) which prevents the reel from slipping forward during deceleration.

Once the reel is loaded, make sure that the stop is in a safety position before making any movement.

pay attention when loading and handling goods not to crush your hands and fingers between the load and the rear plate.

the use of reels longer than 430 mm is forbidden because it invalidates the function of the safety stop. The same applies when using reels having a hollow core with inner diameter greater than 95 mm.



Periodically lubricate the safety stop. Do not use the equipment if the stop is not working properly.

LEVANTE handling ideas	
Lifting system	
Tipo Type, Modèle	Sperone con rulli
Peso Weight, Poids	--
Portata Capacity, Charge	See lifter max load
Sollevarmento Max Lifting, Levée	See lifter max lifting
	80mm < d < 95mm Lmax = 430mm




4.6 REEL-CARRIER

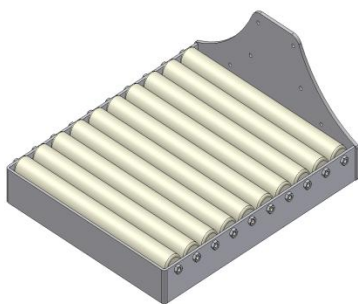


The accessory consists of a steel cradle with "V" profile suitable for transporting reels.

Maximum capacity and limits of use are stated on the data plate.

LEVANTE handling ideas	
Lifting system	
Tipo Type, Modèle	Portabobine
Peso Weight, Poids	--
Portata Capacity, Charge	See lifter max load
Sollevarmento Max Lifting, Levée	See lifter max lifting
	D max = 500mm Lmax = 600mm

4.7 ROLLER UNIT

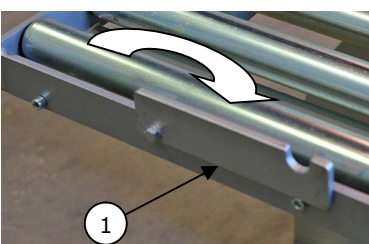


The accessory consists of a load surface with six non-frictioned and non-braked roller which facilitate sliding of the load.

The roller is fitted with a protection surface that prevents hands and fingers from being put between adjacent rollers, preventing body parts from being crushed between the load and the rollers during

handling. It also integrates load containment edges which prevent the load from escaping sideways during handling and prevent the loading of objects with dimensions exceeding the load surface itself and, therefore, being dangerous.

LEVANTE handling ideas	
Lifting system	
Tipo Type, Modèle	Rulliera
Peso Weight, Poids	--
Portata Capacity, Charge	See lifter max load
Sollevarmento Max Lifting, Levée	See lifter max lifting
	L max = 500mm H max = 500mm



There is a two-position manual protection stop (1) on the front part which, after the loading operations, must be placed in block position.

Once the reel is loaded, make sure that the stop is in a safety position before making any movement.

It is strictly forbidden to remove or alter the safety stop or protection.



Periodically lubricate the safety stop. Do not use the equipment if the stop is not working properly.

4.8 ROTO-REELS



The roto-reels are used to lift and rotate the reels from the horizontal to the vertical and vice versa.

The reel is gripped by interference which is obtained between the reel core and the expansion rubber placed on the coil, inserted in the core of the reel itself.

LEVANTE handling ideas	
Lifting system	
Tipo Type, Modèle	Rotabobine
Peso Weight, Poids	--
Portata Capacity, Charge	100Kg
Sollevarmento Max Lifting, Levée	See lifter max lifting
	Lmax = 300mm Dmax = 500mm 66mm < d < 72mm



There are two versions, respectively for inner diameters of the core between 66 mm and 72 mm or for reels with diameter between 79 mm and 82 mm.

Refer to the device data plate to check the maximum capacity and limits of use of your accessory.

To handle a reel, proceed as follows:

- Point the jib crane towards the reel and insert the coil in the core;
- Turn the handwheel to maximum expansion possible in order to ensure an optimal grip of the reel;
- Lift and transport as needed, observing all precautions recommended in this manual;
- Remove the mechanical rotation stop and rotate the jib crane by 90° with the help of the appropriate lever;
- Make sure that the reel rests on a stable and secure surface;
- Release the reel by rotating the handwheel backwards;



Before every use, always make sure that the rubber is not dirty, especially from lubricants or slippery substances.

The rubber must be cleaned using neutral, non-corrosive water-based substances and not with solvents.

Leaving the rubber exposed to atmospheric agents such as UV rays or intense heat sources may deteriorate its quality and must, therefore, be avoided.

Leaving the rubber in excessively high or low temperatures may reduce gripping safety. Observe the operating and storage instructions provided by the manufacturer.

If the rubber shows signs of cracks, do not use the roto-reels and request a replacement of the rubber with an original spare part.

4.9 DRUM ROTATOR GRIPPER



The accessory allows moving reels or drums with 300 to 600 mm diameter. Unlike the spur or the roto-reels, it does not use the central core for the grip but acts with an external dual gripper. In this way it can also be used as a drum rotator. The gripper opens by means of a crank, as does the rotation.

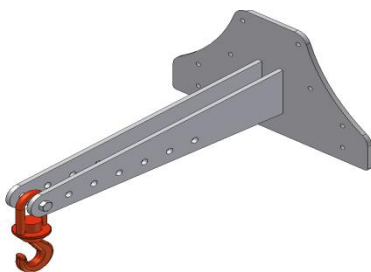
ATTENTION: Before any handling, ensure the load is perfectly gripped.



Periodically lubricate the screws and the gripper opening/closing parts. Do not use the equipment if the device is not working properly.

LEVANTE handling ideas	
Lifting system	
Tipo Type, Modèle	Pinza
Peso Weight, Poids	--
Portata Capacity, Charge	100Kg
Sollevarmento Max Lifting, Levée	See lifter max lifting
	L max = 500mm 300mm < D < 600mm

4.10 JIB CRANE



The jib crane, 600 mm long, allows transporting suspended loads that can be connected to a specific hook via ropes or chains.

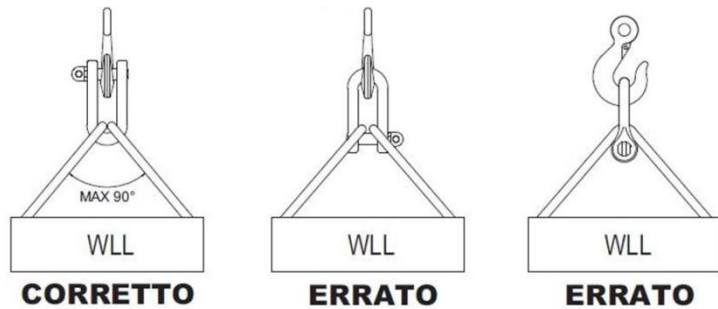
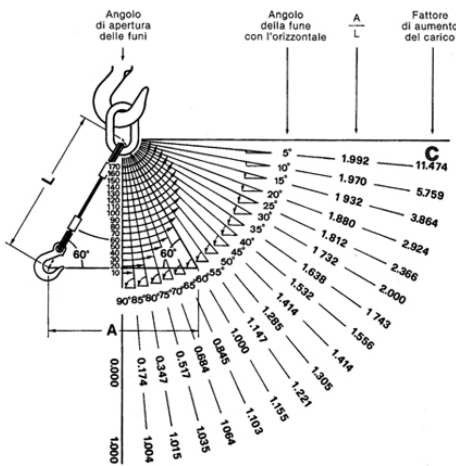
For safety purposes, it is essential to respect the capacity of ropes/chains and anchors used to hook the load, as well as certified harness systems, periodically checked according to current legislation.

CAREFULLY CONSIDER THE RISKS DUE TO PROBLEMS OF A SWINGING LOAD.

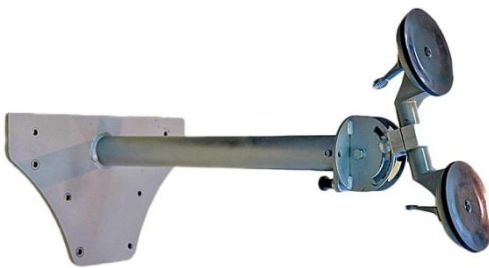
LEVANTE handling ideas	
Lifting system	
Tipo Type, Modèle	Braccio
Peso Weight, Poids	--
Portata Capacity, Charge	100Kg
Sollevarmento Max Lifting, Levée	See lifter max lifting
Verificare lunghezza fune e portata	
	Lmax =



With load lifted at 1500 mm, the slope of the surface on which the machine can be used must be less than 1%.
When anchoring the load, observe the safety criteria dictated by common sense and by the current regulations



4.11 SUCTION CUPS



the data plate.

The accessory allows picking and handling typically glass or smooth panels of such material to ensure an appropriate efficiency.

Materials, to be suitable for handling with suction cup, must have a sufficient degree of smoothness and must not exceed the sizes and weights shown on

LEVANTE handling ideas	
Lifting system	
Tipo Type, Modèle	Ventose
Peso Weight, Poids	--
Portata Capacity, Charge	80Kg max
Sollevarmento Max Lifting, Levée	See lifter max lifting
	L max = 500mm



Before every use, always make sure that the rubber is not dirty, especially from lubricants or slippery substances.

The rubber must be cleaned using neutral, non-corrosive water-based substances and not with solvents.

Leaving the rubber exposed to atmospheric agents such as UV rays or intense heat sources may deteriorate its quality and must, therefore, be avoided.

Leaving the rubber in excessively high or low temperatures may reduce gripping safety. Observe the operating and storage instructions provided by the manufacturer.

If the rubber shows signs of cracks, request a replacement of the rubber with an original spare part.



5. Routine maintenance

A daily check can prevent any damage to your forklift. Particular attention must be dedicated to wheels, rollers, etc, which may be blocked or damaged by residues on the ground during use.

A three-month inspection is recommended of the parts most subject to wear, such as belt, rollers, wheels, bearings and pulleys.

In case of need for intervention, please contact **LEVANTE S.r.l.**

If the user fails to comply with this publication, we are not liable for problems or anomalies on the proper operation of the supply and on the validity of the warranty stipulated in the contractual phase.

Daily inspection and maintenance

It is necessary to inspect the device daily, in particular to check rollers, axes, so that dust, wires or similar do not block the rollers during use.

Lubrication

Use motor oil or grease to lubricate all moving parts.



**DO NOT USE THE FORKLIFT IF MALFUNCTIONS ARE DETECTED
DO NOT ATTEMPT TO REPAIR THE DEVICE WITHOUT HAVING BEEN PROPERLY TRAINED AND AUTHORISED**

Below is a list of the inspections and periodic maintenance recommended by LEVANTE.



: Always follow the general warnings in par. 1.6, 1.7 and 1.8.

OPERATION	FREQUENCY	PROCEDURES	SOLUTION
Check fork thickness is greater than 90% of the original thickness at the heel	Monthly	Use a gauge	In case of non-compliance, replace the forks
Check surface cracks of the fork jib cranes	Monthly	Visual inspection	In case of non-compliance, replace the forks
Check the height difference between the tips of the fork jib cranes and the horizontal length of the fork jib crane. Value must be less than 3%.	Monthly	Measure the height difference between the tips and divide by the length of the fork jib crane.	In case of non-compliance, replace the forks
Check the wear of the support belts of the lifting unit	Quarterly	Visual inspection for: 1. signs of cracks 2. wear of fixing 3. fixing, completeness and good condition of the anchoring device	In case of non-compliance, replace the belts
Lubricate the moving parts (mast, guides)	Quarterly	Visual inspection	Grease with motor oil or grease suitable for mechanical parts



6. Extraordinary maintenance

The machine extraordinary maintenance (e.g. replacement of actuator, electrical parts, rollers, wheels, belts, bearings, ...) must be carried out by qualified personnel.

It is recommended that extraordinary maintenance, that falls outside the provisions of chapter 4, is carried out by personnel authorised by Levante. It is forbidden to carry out any extraordinary maintenance, repair or replacement, without the direct consent of the manufacturer. If necessary, contact your distributor.

Parts subject to wear and, therefore, potentially subject to extraordinary maintenance are:

- Lifting belt: regularly check the tension and mechanical consistency of the belt.
- Sliding rollers inside the mast: check the status and wear and keep the sliding channels lubricated.
- Front and pivoting wheels: replace when worn
- Forks: periodically check the thickness of the forks, if it reduces by 0.5 mm compared to the initial 60 mm, replace the forks unit.
- Parking brake: periodically check the efficiency of the parking brake. If the efficiency showed it was unable to stop the forklift on a gradient of at least 5%, replace the wheels complete with brake.

Use only original spare parts supplied by the manufacturer (see section "SPARE PARTS").

7. Troubleshooting

These cases fall within the competence of maintenance personnel.

NUMBER	FAULT	CAUSE	SOLUTION
1	The machine will not turn on	1. Power supply problem	1. Check the internal protection fuse 2. Check the state of the batteries
2	The forks do not stop at the maximum and minimum height	1. Incorrect position of the limit switches	1. Check the limit switch micros located in the top and bottom parts of the mast
3	The forks are not lifted	1. The load exceeds the maximum capacity allowed	1. Check the load weight and reduce it if necessary
4	The lifting motor does not start	1. Emergency stop engaged, power supply suspended 2. Voltage too low 3. The electric cable connectors are disconnected 4. Faulty motor contactor	1. Turn clockwise to restore power supply 2. Charge 3. Fix them 4. Replace it
5	The batteries do not recharge	1. The current socket is disconnected 2. Fault on charging circuit 3. Old batteries	1. Reconnect it 2. check the fuse on the charger board; 3. check the efficiency of the batteries and replace them if necessary
6	The forks lifting or lowering interrupts	1. Inadequate lubrication	1. Grease, inside the aluminium mast, the sliding channels of the forklift to which the forks are applied



8. Ventilation of the forklift loading premises and explosion hazard

During recharging, the batteries emit gases including hydrogen. If the concentration of hydrogen in the air reaches 4%, the hydrogen-air mixture may explode.

The forklift user must take all necessary measures to prevent recharging from generating explosion hazards. The following guidelines do not exempt the user from verifying and adopting the most opportune and recent safety provisions on work environments.

Standards EN 50272-2 and EN 50272-3 require that the hydrogen concentration is kept significantly below the hazard threshold of 4% by properly ventilating the premises where recharging takes place.

The necessary flow of ventilation air, according to the above standards, is calculated with the following formula:

$$Q = 0.05 * n * I_{gas} * Crt / 1000$$

where:

Q = air flowrate [m³/h]

n = number of battery elements

I_{gas} = current producing gas [mA / Ah]¹

Crt = rated capacity of battery [Ah]

In order to ensure the above air flowrate through natural ventilation, overall section A openings must be present in the battery premises, equal to:

$$A = 28 Q$$

where:

A = section of the ventilation openings (cm²),

Q = ventilation air flowrate (m³/h).

¹ In the absence of instructions from the manufacturer, the I_{gas} current value can be obtained from table A for the drive batteries and from table B for the stationary batteries.

When more than one battery is present in the same room, the ventilation flowrate must be calculated as the sum of the individual ventilation air flowrates.

Tabella A - Valori di I_{gas} (mA/Ah) per le batterie di trazione. ⁽¹⁾

Tipo di carica	Tipo di accumulatore		
	Aperto al piombo	A valvole al piombo	Aperto al nichel-cadmio
Carica rapida	60	15	50
Carica in tampone	50 ÷ 70	(2)	50

⁽¹⁾ Si ricorda che 1 mA/Ah equivale a 0,1 A/100Ah.

⁽²⁾ Le batterie a valvole al piombo vengono ricaricate soltanto con la carica rapida. Per le batterie aperte al piombo ed al nichel-cadmio può essere utilizzata la carica in tampone, anche se è comunque più frequente la carica rapida.



Surface A of the openings must be intended as "free", meaning net of any obstacles to the airflow (grids)

Note: immediately near a battery charging, even in the presence of the above ventilation, Standards EN 50272-2 and EN 50272-3 provide the existence of a hazardous area which, due to its features, must be classified, according to Standard EN 60079-10, as area 1 (place where it is possible, during normal operation, that an explosive atmosphere forms due to the presence of gas).

According to Standard EN 50272-3, distance d for drive batteries is equal to 0.5m.

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The distance varies depending on the battery features and, therefore, in the presence of more types of batteries, it must be identified for each of them.

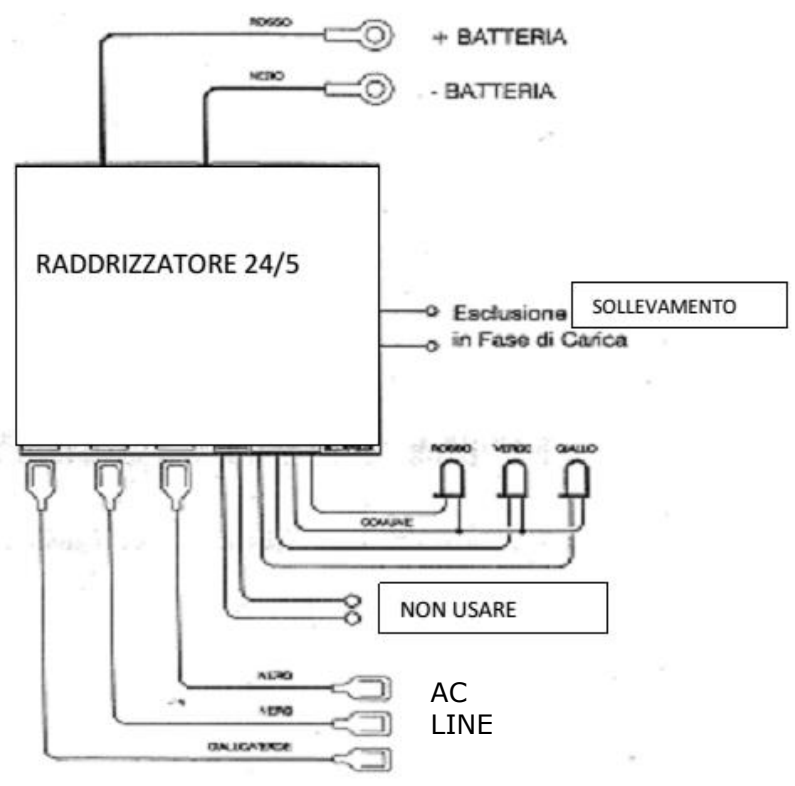
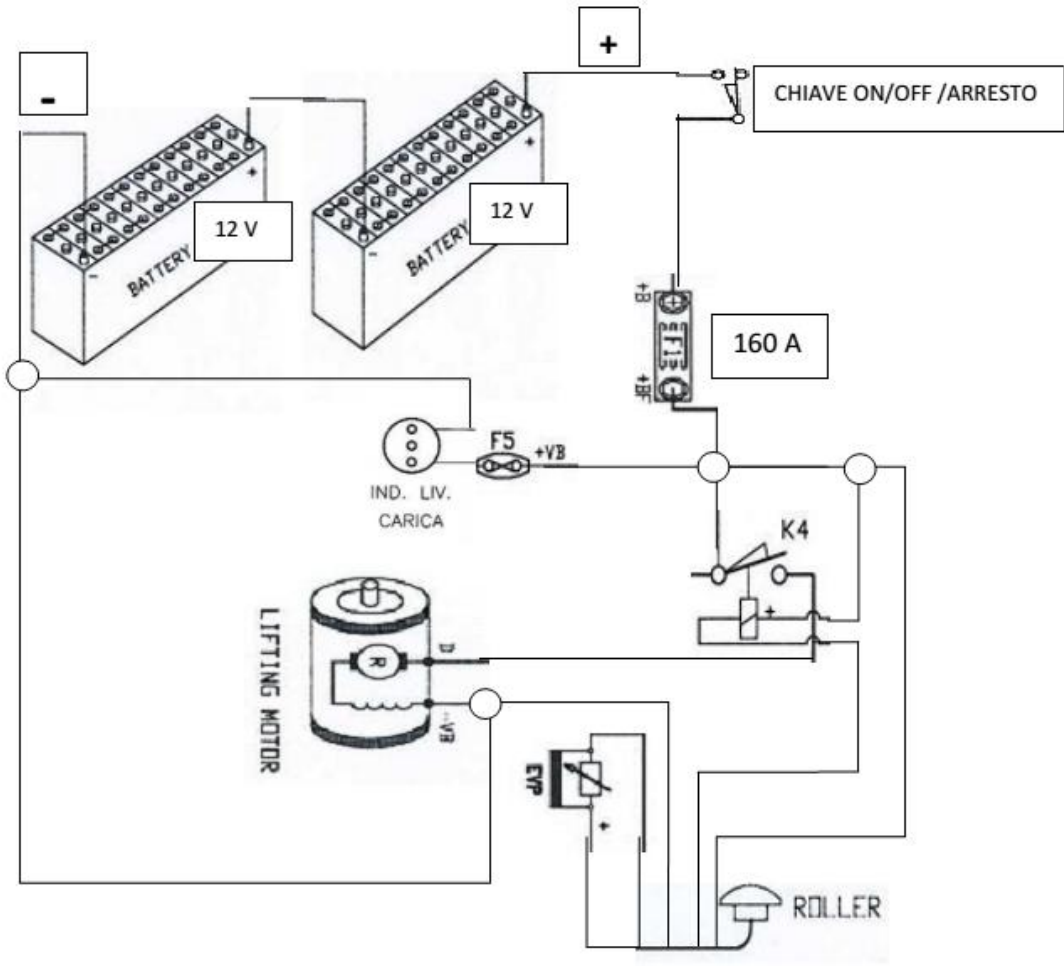
According to Standard EN50272-2, distance d for stationary batteries is identified by the following formula:

$$d = 28,8 \sqrt[3]{I_{gas}} \sqrt[3]{C_{rt}}$$

With natural and/or artificial ventilation with adequate availability, we can consider, for the purposes of safety, providing around area 1, a boundary area 2.



WIRING DIAGRAM



PROPORTIONAL SWITCH DETAIL

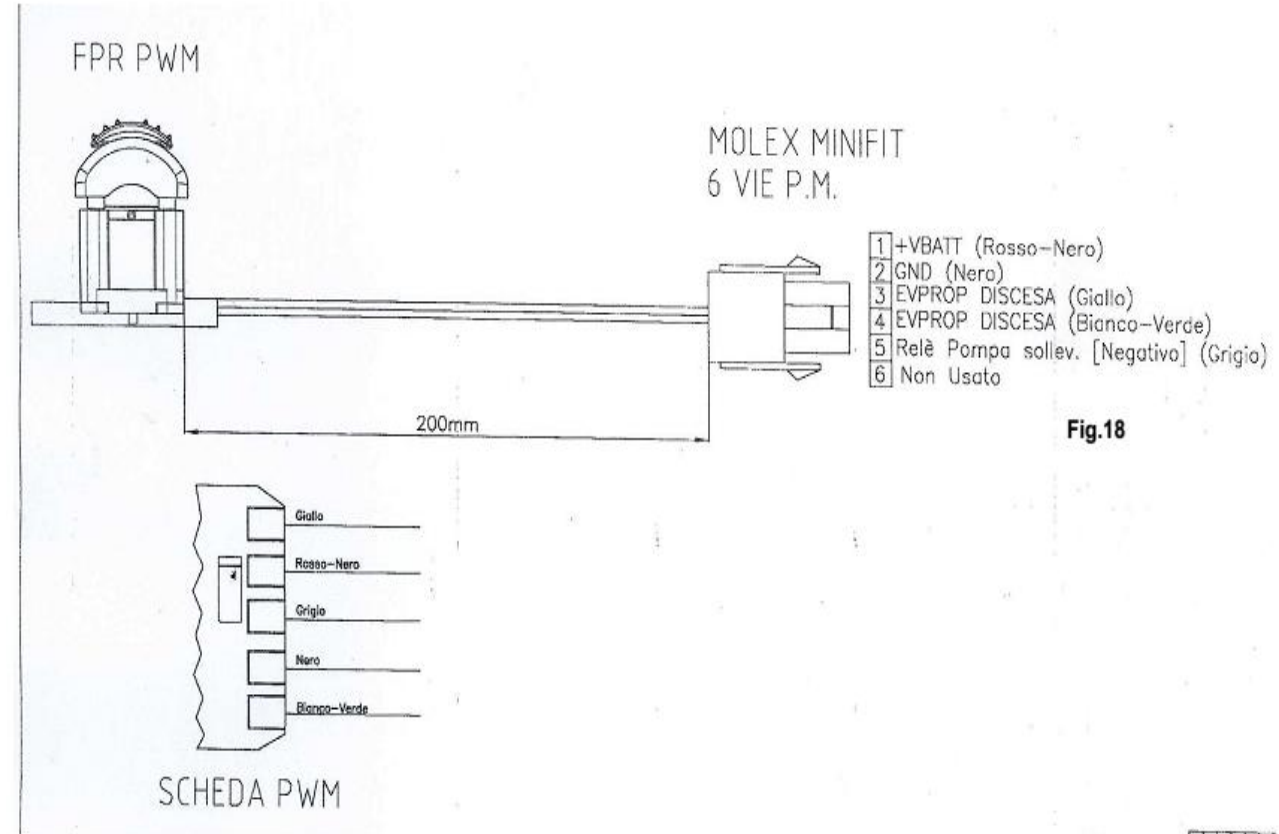


Fig.18



DICHIARAZIONE DI CONFORMITA' – DECLARATION OF CONFORMITY

DECLARATION DE CONFORMITE' – KONFORMITAETSERKLAERUNG
DECLARACION DE CONFORMIDAD – VERKLARING VAN OVEREENKOMST



25

IT
EN
FR
DE
ES
NL

Si attesta che la macchina qui di seguito descritta è del tutto conforme ai requisiti della Direttiva Macchine 2006/42/CE e della Direttiva EMC 2004/108/CE.

We hereby certify that the machine specified hereunder is in compliance with all respects to the requirements of the Machinery Directive 2006/42/EC and the EMC Directive 2004/108/EC.

On atteste que la machine spécifiée ci-après est en tout conforme aux exigences de la Directive Machines 2006/42/CE et de la Directive EMC 2004/108/CE.

Wir bescheinigen dass die Maschine, unten weiter spezifiziert, mit den Eigenschaften der Maschinen Richtlinie 2006/42/EG und der EMC Richtlinie 2004/108/EG.

Se certifica que la maquina aquí abajo especificada está conforme a los requisitos de la Directiva Maquinas 2006/42/CE y de la Directiva EMC 2004/108/CE.

Hierbij verklaren wij, dat de hieronder gespecificeerde machine voldoet aan alle Machine Richtlijn 2006/42/EG en de EMC Richtlijn 2004/108/EG.

1. Categoria - Category - Catégorie - Kategorie - Categoria - Categorie:

transpallets manuali - hand pallet trucks - transpalettes - Gabelhubwagen - Transpaletas

2. Costruttore - Manufacturer - Constructeur - Hersteller - Constructor - Fabrikant:

LEVANTE SRL

3. Tipo - Type - Type - Typ - Modelo - Type

NEW BINGO UP

4. Matricola - Serial number - Matricule - Seriennummer - Numero de Serie - Serie nummer:

5. Anno di costruzione - Year of manufacture - Année de construction - Baujahr - Ano de construcçión - Bouwjaar:

Data - Date - Datum:

Firma – Signature – Unterschrift - Handtekening

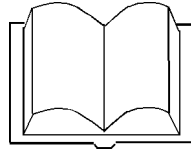
persona autorizzata a costituire il fascicolo tecnico
person authorised to compile the technical file
personne autorisée à constituer le dossier technique
Person, die bevollmächtigt ist, die technischen Unterlagen zusammenzustellen
persona facultada para elaborar el expediente técnico
degene die gemachtigd is het technisch dossier samen te stellen

Nome e indirizzo della persona.....

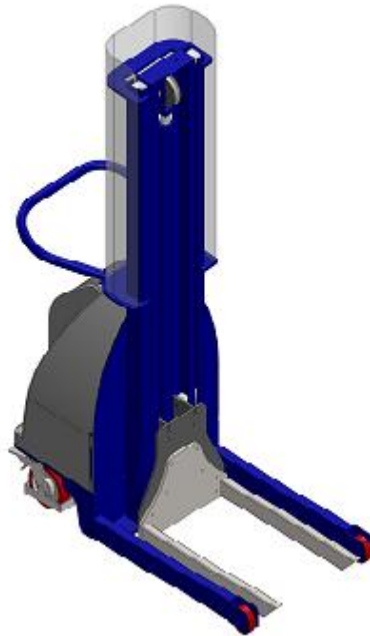


RICAMBI – SPARE PARTS – ERSATZTEIOLE – REPUESTOS – PIECES

26



NEW BINGO UP



The replacement and assembly of spare parts is the task of personnel specialising in maintenance and, therefore, also on the devices and standards regulating the operator's safety.



	<p>30111N = 02.0013.0018 Cavo Rete 3x0,75 Mm² Spiralato Con Spina Schuko (L = 2,5 Mt.) Spiral Mains Cable 3x0.75 Mm² With Schuko Plug (2.5 M Long) Les Forces En spirale Câblent 3x0.75 Mm² Avec La Prise De Schuko (2.5M) 3x0,75 Mm² Spiralfoermige Kabel Mit Schuko Stecker (L = 2,5 Mt.) cable spiral de red 3x0,75 Mm² Schuko (L = 2,5 Mt.)</p>
	<p>Elettrovalvola discesa proporzionale Plug for Spiral Mains Cable Prise pour le câble en spirale Stecker für Spirale Enchufe para el cable espiral</p>
	<p>30067N = 06.0069.0056 Interruttore A Chiave Key Switch Commutateur Principal Schlüssel Schalter Interruptor Dominante</p>
	<p>Manipolatore Sollevamento/Discesa Manipulator Le Manipulateur Manipulator Manipulador completo</p>
	<p>99101N = 06.0040.0010 Indicatore dell'autonomia della batteria Battery autonomy indicator Batterie anzeiger Indicatuer batterie Indicador bateria</p>
	<p>18131N = 06.0043.0024 Pannello In Poliestere (Pulsante + 3 Led) Polyester Panel (Button + 3 Leds) Panneau De Polyester (Bouton + 3 LED) Poly Panel (Taste + 3 Leds) Panel adesivo</p>
	<p>Caricabatteria Switching 24v/5 A 24v/5A Battery Charger 24v/5A Chargeur De Batterie Ladegeraet Karte24v/5 A Cargador</p>



Any repairs must be carried out by authorised personnel only



	<p>01.02.99 Batteria Ermetica 12v/40ah (3ds12/40) Sealed Battery 12v/40ah (3ds12/40) Batterie Scellée 12v/40ah (3ds12/40) 12v/40ah (3ds12/40) Dichtbatterie- bateria sellada 12v/40ah (3ds12/40)</p>
	<p>99102N = 06.0064.0036 Cinghietta per fissaggio batteria Elastic belt to get battery fixed ceinture élastique pour obtenir la batterie a fixé elastische Riemen, zum der Batterie zu erhalten correa elástico para conseguir la batería fijó</p>
	<p>01.02.100 Cofano Posteriore In Abs Back Cover In Abs Couverture Arrière En ABS Abs Haube Cofre ABS</p>
	<p>Motore 24v 500w per centralina idraulica sollevamento Toroidal transformer Transformateur de toroidal Toroidal Transformator Transformador de Toroidal</p>
	<p>Serbatoio centralina idraulica Fuse Holder 10x38 PS 10-1 Pole 32A Support 10x38 Picoseconde De Fusible Polonais 10-1 32A Versicherungshalter 10x38 PS 10-1 Polo 32A sostenedor del fusible</p>
	<p>Fusibile 24v 160 A Fuse 24V 160 A Fusible 24V 160 A Versicherung 24V 160A Fusible</p>



Any repairs must be carried out by authorised personnel only



	<p>Teleruttore 24v 200A Included in 40121N Inklusiert. 40121N Compris en 40121N Encluido en40121N</p>	
	<p>Kit guarnizioni</p>	
	<p>11075N h 1500 (mm 1970) = 06.0083.0148 Cinghia Completa Di Attacchi Belt Equipped With Connectors Ceinture Équipée Des Connecteurs Gurt Komplett Mit Attachments</p>	<p>11075N h 2000 (mm 2470) = 06.0083.0137 Cinghia Completa Di Attacchi Belt Equipped With Connectors Ceinture Équipée Des Connecteurs Gurt Komplett Mit Attachments</p>
	<p>01.01.12 Carrello porta accessori Trolley for fittings Ceinture Équipée Des Connecteurs Correa Equipada De los Conectores Riemen Ausgerüstet Mit Steckern</p>	
	<p>01.01.16 Forca Di Sollevamento Doppia Double Lifting Fork Double Fourchette De Levage Gabeln Horquillas</p>	
	<p>18133N = 04.0071.0001 / 21.0020.0097 Pianale Di Sollevamento In Polietilene (Dim. Mm. 600x500x15) Polyethylene Lifting Platform (600x500x15 Mm) Plateforme De Levage De Polyéthylène Poly Platform (600x500x15 Mm) Plataforma</p>	
	<p>12456N = 04.0058.1004 Pianale Di Sollevamento Per Bobine (Dim. Mm. 600x380) Reel Platform (Dim. Mm. 600x380) Plateforme De Bobine (Dim. Mm. 600x380) Prismenplattform (Dim. Mm. 600x380) Plataforma bobinas</p>	



Any repairs must be carried out by authorised personnel only..



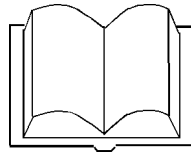
	<p>12455N = 11.0020.0262 Forca Di Sollevamento Singola Single Lifting Fork Simple Fourchette De Levage Dorn Espolon</p>
	<p>04.0058.1328 (applicabile solo su NEWBINGO 100) Rotobobine (h. max 300 mm ; Ø Max Mm. 500) Turnable Pliers For Reels (H Max 300 mm ; Ø Max Mm. 500) Pinces De Turnable Pour Des Bobines (H max 300 mm ; Ø Maximum Millimètre. 500) Fassdrehklammer (H. max 300 mm ; Ø Max Mm. 500)</p>
	<p>99109N Pianale con rulli Platform with cylinders Platform mit rollen Plataforma con rodillos</p>
	<p>99110N = 11.0020.0264 (applicabile solo su NEWBINGO 100) Braccio Jib crane Grue kran grua</p>
	<p>11.0020.0267 Forca Di Sollevamento Singola completa di rulli di scorrimento Single Lifting Fork with rollers Simple Fourchette De Levage avec galets Dorn mit Rollen Espolon com rodillos</p>
	<p>01.02.106 Timone Tiller Deichsel Timon Timon</p>



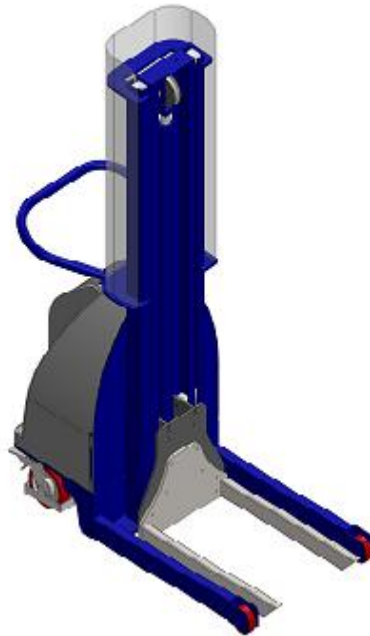
Any repairs must be carried out by authorised personnel only



APPENDIX



SPECIAL VERSIONS



SPECIAL VERSION TYPE BAKA



PICK UP AND LIFT THE LOAD ONLY ON FLAT FLOORS

DO NOT USE THE STACKER ON RAMPS OR SLOPING FLOORS, NOT EVEN FOR SHORT JOURNEYS.



The machine is only designed to move loads with suitable anchoring systems attached to the load (hooks, eyebolts, etc.). It is strictly prohibited to use it for activities other than the specified ones.

LOADING CAPACITY

MAX HEIGHT: 2300mm

MAX CAPACITY: 110 Kg

IMPORTANT SAFETY NOTES

- Attach the load with certified ropes or chains complaint with the requested capacity.
- To avoid dangerous oscillations of the load, use pieces of ropes or chains whose length does not exceed 10 cm (measured from the hook of the forklift to the hook of the load).
- Move loads with the jib crane lowered down and ensuring the load is as close as possible to the ground.

ATTENTION

IF THE FORKLIFT IS USED INCORRECTLY, IT CAN TURN UPSIDE DOWN AND CAUSE SERIOUS

All operations carried out with a load must be performed with the utmost caution, avoiding excessive speed, harsh braking and sudden changes of direction. Always proceed drive at low speed and with the load as low as possible.

Before going ahead with handling, always make sure there is no one right near the forklift and that the manoeuvring area is clear from obstacles.

MACHINE HANDLING

Use the designated eyelet to lift and move the forklift. Connect the forklift via hoisting equipment of an adequate size.

LEVANTE DECLINES ANY RESPONSIBILITY FOR DAMAGE TO PROPERTY OR INJURY TO PEOPLE CAUSED BY IMPROPER USE OR THE USE EXPRESSLY SPECIFIED FOR THE FORKLIFT.

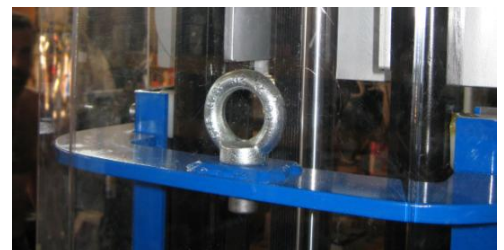
LEVANTE
handling ideas

Lifting system

Tipo Type, Modèle	Jib crane
Peso Weight, Poid	--
Portata Capacity, Charge	110Kg
Sollevamento Max Lifting, Levée	See lifter max lifting

Check rope length and capacity

Max L = 10cm



LOAD AND CAPACITY DIAGRAM

<p>LEVANTE handling ideas CE</p> <p>46035 Ostiglia MN Tel 0386 801814 Fax 0386 801955</p>			
Modello		Tensione	
Model	BINGO XL	Voltage	V 24
Modèle	MAXI	Voltage	
Modell		Spannung	
Serie/Anno	1505024	Portata	
Serial/Year		Capacity	
Serie/Année	2015	Charge	Kg 110
Serie/Jahr		Tragkraft	
Peso carrello		Sollevamento	
Truck weight	Kg 200	Lifting	
Poid chariot		Levée	mm 2300
Stapler Gewicht		Hub	
Peso batteria		Baricentro	
Battery weight	Kg	Load centre	mm 300
Poid batterie	30	Centre gravité	
Batterie Gewicht		Sowerpunkt	

Always follow the limits of use specified in the capacity diagram



SPECIAL VERSION TYPE SIDEL for label reels



The lifter BINGO UP in customized version SIDEL for reels handle is produced exclusively to move label reels for bottle of following sizes:

Diameter est. = 600 mm

Height = from 30 to 170 mm

Technical characteristics and limits of use

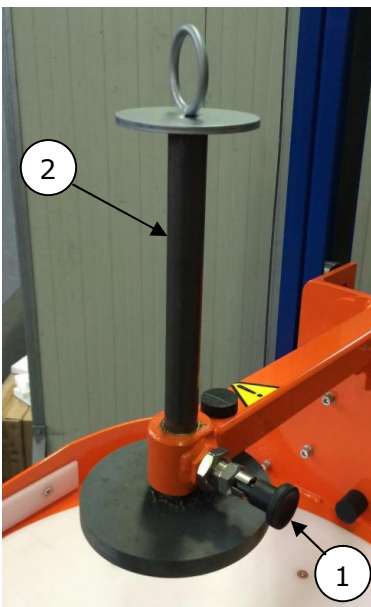
Lifting height: 1660mm

Max capacity: 60Kg

It is strictly forbidden every kind of use different from what expressly foreseen.

Load handling

- Make sure that the load has to be conform to the dimensions and weight indicate on the label.
- Pull the stop piston with spring (1), lift the pin (2) to allow the positioning of reel on load plate;
- Place the reel on the center of load plate;
- Lower the pin inside the center of reel to the stop position. In this way, the reel cannot move from its place and the load can be moved safety.
- Lift the load plate to the suitable height; lower the reel on the machine-positioning cylinder. The stop pin is pushed upward automatically, setting free the reel and allowing the lifter to move away.



General warnings

All operations carried out must be performed with the utmost caution, avoiding excessive speed, harsh braking and sudden changes of direction. Always proceed drive at low speed and with the load as low as possible.

Before going ahead with handling, always make sure there is no one right near the forklift and that the manoeuvring area is clear from obstacles.

ATTENTION

IF THE FORKLIFT IS USED INCORRECTLY, IT CAN TURN UPSIDE DOWN AND CAUSE SERIOUS

The lifter has shorter legs and is provided with ballast on rear side.

DO NOT MODIFY BALLASTS FOR ANY REASON.

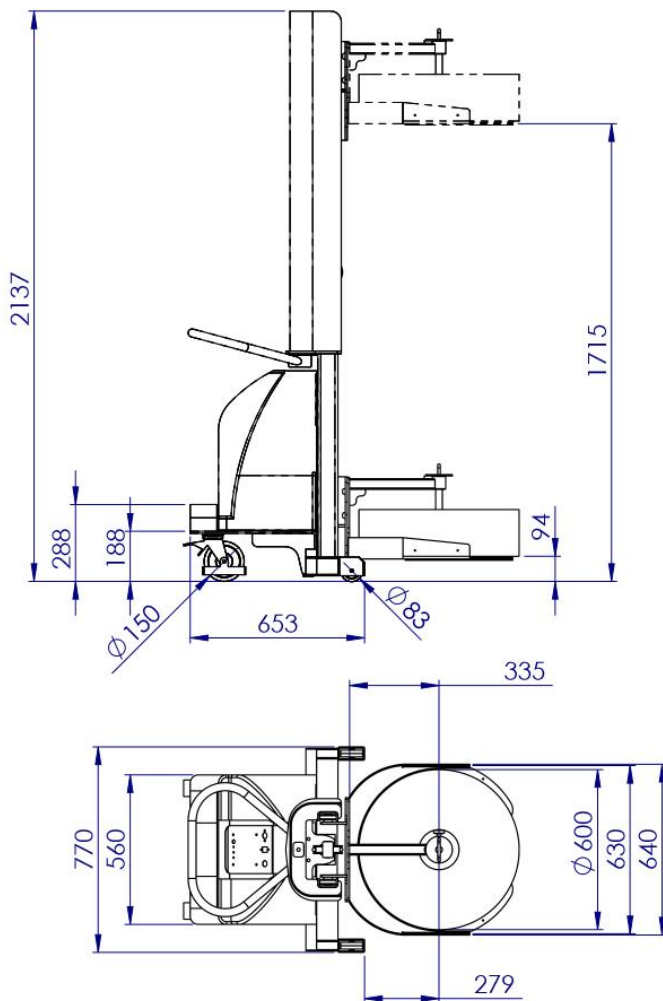
Check carefully before every use the correct position and fastening of ballasts to the lifter. Contact the authorized center in case you need.

ATTENTION:

If requested by the dealer, the lifter can be equipped with built in charger for tension 110V 60Hz suitable for American marker for example.



DIMENSIONS AND INFO LABEL

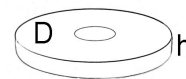


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Lifting system

Tipo Type, Modèle	Portabobine
Peso Weight, Poids	--
Portata Capacity, Charge	60Kg
Sollevamento Max Lifting, Levée	See lifter max lifting



D max = 600mm
h max = 170mm

Maintenance

Grease periodically the mobile fittings of the lifting equipment (pin and spring piston).

Employer responsibilities

It is a responsibility of the employer to make sure that all loading and movement operations must be performed conform to the producer's indications and with total safety of involved employees.

The employer must train the employee to the use of the lifter, giving him information about the correct use and the possible residual risks in foreseen and reasonable risk.

The employer must oversee the work environment in order to avoid wrong and dangerous behaviours.

LEVANTE DECLINES ANY RESPONSIBILITY FOR DAMAGE TO PROPERTY OR INJURY TO PEOPLE CAUSED BY IMPROPER USE OR THE USE EXPRESSLY SPECIFIED FOR THE LIFTER.

