CE

Bike-Lift EUROPE

EN

# European Communities
# Use and Maintenance Manual

| Scissor lifting platform | | |
|---|---|---|
| | **Master 504 Gate** | |
| | **Model** | **Version** |
| ☐ | MA504-002 | COMPRESSED AIR PUMP |
| ☐ | MA504-003 | ELECTRO-HYDRAULIC PUMP |
| ☐ | MA504-004 | ELECTRONIC WITH REMOTE CONTROL |
| ☐ | | |
| | **MAX 516 Gate** | |
| | **Model** | **Version** |
| ☐ | MG516-001 | FOOT PUMP |
| ☐ | MG516-002 | COMPRESSED AIR PUMP |
| ☐ | MG516-003 | ELECTRO-HYDRAULIC PUMP |
| ☐ | MG516-004 | ELECTRONIC WITH REMOTE CONTROL |
| | **MAX 516** | |
| | **Model** | **Version** |
| ☐ | M516-001 | FOOT PUMP |
| ☐ | M516-002 | COMPRESSED AIR PUMP |
| ☐ | M516-003 | ELECTRO-HYDRAULIC PUMP |
| ☐ | M516-004/R | ELECTRONIC WITH REMOTE CONTROL |
| | **SPORT 500** | |
| | **Model** | **Version** |
| ☐ | SG500-001 | FOOT PUMP |
| ☐ | SG500-002 | COMPRESSED AIR PUMP |
| ☐ | SG500-003 | ELECTRO-HYDRAULIC PUMP |
| ☐ | SG500-004/R | ELECTRONIC WITH REMOTE CONTROL |

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# 1 Information section

## 1.1 Preface

The European Communities (EC) Use and Maintenance Manual is a document issued by Bike-Lift Europe s.r.l. as an integral part of the machine.

The purpose of this publication is to provide the operator with efficient and safe instructions regarding the use and maintenance.

This Manual must be read entirely before starting any operation concerning the installation, use, maintenance and putting out of service of the machine.

Therefore, it is necessary to be kept intact over time.

In order to properly store the Manual, it is recommended to:

- Use the Manual without deteriorating it;
- Do not remove, add, change or rewrite any part of the Manual; any modifications must be made only by Bike-Lift Europe s.r.l.;
- Keep the Manual in areas protected against humidity in order not to compromise its durability over time;
- Deliver the Manual to any other user or subsequent owner of the machine.

Workers in charge of using this machine must have all the necessary information and must receive proper training.

The Manual and relative documentation are confidential by law with the prohibition of reproduction or transmission to third parties without receiving the explicit authorisation of the Manufacturer.

As a partial exception to the above mentioned, a copy of this Manual kept in the vicinity of the machine is allowed for prompt reference, in case the original document is stored in a different place, in order to guarantee better keeping over time.

Drawings, data and specifications contained in this Manual can be modified at any time by the company, without prior notice.

In case of significant changes of the machine due to the installation of new parts, Bike-Lift Europe s.r.l. will compile an updated Manual which will be sent to the Customer together with the purchased part.

## 1.2 Prohibitions

The installation, use, maintenance and putting out of service of the device with means, objects, actions and anything else not provided for in this Manual is considered improper and therefore the Manufacturer declines all responsibility for the consequences which may occur regarding people, animals and objects.

It is expressly FORBIDDEN the use of the machine by operators who do not know the regulation and procedures described in the Manual and by unauthorised people (hereinafter referred to as 'non-operators').

It is also forbidden the use of the machine by children and the non-operators or children must not stand near the machine during all phases of the machine's life.

The putting out of service of the protection systems or anything else provided by the Manufacturer to protect the operators is the sole responsibility of the Purchaser or the machine's User.

Any mechanical, electrical or functional change of the machine (not provided for in this Manual) regarding the control systems, the logic of controls, the circuits present, and the safety systems is prohibited without the prior written authorisation of the Manufacturer.

## 1.3 Warranty

Bike-Lift Europe s.r.l. will not be held responsible for inconveniences, breakages, accidents, *etc.* due to lack of knowledge or failure to apply the procedures specified in this Manual. The same applies to the execution of modifications, changes or for the installation of accessories not previously authorised.

### 1.3.1 Warranty conditions

Bike-Lift guarantees its products for 12 months, except for the commercial components which are guaranteed by the manufacturers.

All worn parts are excluded from the warranty.

The warranty is limited to the replacement, *ex-works* Bike-Lift Europe, of those parts which are recognised as defective by Bike-Lift Europe due to a material or manufacturing defect and do not include labour or travel expenses required for their replacement.

The recognition of the warranty is void if the anomaly is due to an inappropriate use of the product, if the installation was not carried out according to the provisions of the company or if non-genuine parts were installed.

It also becomes void if the product has been submitted to performances exceeding those indicated by Bike-Lift Europe s.r.l.

### 1.3.2 Insurance

All Bike-Lift products are insured with a Recurring Card Payment (RCP) policy with a price ceiling of €3,000,000. Damages caused by negligence or tampering are excluded.

## 1.4 Manufacturer identification

Bike-Lift Europe s.r.l. via Don Milani, 40/42, 43012 Sanguinaro di Fontanellato (PARMA) – Italy


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## 1.5 Technical assistance and spare parts

To order spare parts, it is recommended to specify exactly the following data:

- Model and serial number of the machine;
- Code number and part name;
- Required quantity;
- Shipping means, address and telephone number;

For replacements use only genuine spare parts.

Do not wait until the components are completely worn before replacing them.


CAUTION: THE RECIPIENT WILL BE CHARGED FOR THE REPLACEMENT TOGETHER WITH THE SHIPPING COSTS.

We recommend that you always contact Bike-Lift Europe s.r.l. for all those assistance and maintenance operations which are not described or indicated in this Manual.

## 1.6 EC Declaration of conformity

(Annex II, part 1, section A of directive 2006/42/EC)

**Manufacturer:**

| | |
|---|---|
| Company: | Bike-Lift EUROPE S.r.l. |
| Address: | Via Don Milani, 40/42 - 43012 Sanguinaro di Fontanellato (PR) - Italy |

**Declares under its sole responsibility that the machines:**

| | |
|---|---|
| Designation: | MAX 516//MAX 516 GATE/MASTER 506 GATE/SPORT 500 GATE Liftingplatforms |
| Model: | M516-001/M516-002/MG516-001/MG516-002/MA506-002/SG500-001/SG500-002 |
| Serial number: | |
| Year: | |
| Function: | Lifting of motorcycles for vehicle maintenance operations |

**Complies with the essential safety requirements of the following Directive:**

- **2006/42/EC –** Machineries Directive

**Complies with the requirements of the following Harmonized Standards:**

- **UNI EN ISO 12100:2010** - Safety of machinery - General principles of design - Risk assessment and risk reduction
- **UNI EN 1493:2010** – Lifts for vehicles

**Person authorized to prepare the Technical Sheet:**

| | |
|---|---|
| Name: | Alessandro Tozzi |
| Address: | Via Don Milani, 40/42 - 43012 Sanguinaro di Fontanellato (PR) - Italy |

**Alessandro Tozzi**
Legal Representative

### 1.7 Normative references

The machine is identified by the European Communities (CE) marking drawn up according to the specifications of the Machinery Directive 2006/42/EC and subsequent updates.

| Reference | Title |
|---|---|
| 2006/42/EC | Machinery Safety Directive |
| 2014/30/EC | Electromagnetic Compatibility Directive (EMC) |
| 2014/35/EU | Low-Voltage Directive (LVD) |
| EN ISO 12100 (2010) | Safety of machinery - General principles of design - Risk Assessment and risk reduction |
| UNI EN 349 (1993+A1: 2008) | Safety of machinery - Minimum spaces to avoid the crushing of body parts |
| UNI EN ISO 13850 (2008) | Safety of machinery - Emergency shutdown - Design principles |
| EN 1493 (2010) | European standard on vehicle lifting platforms |
| EN 60204-1 (2016) | Directive on the state of the art for the design and construction of the electrical equipment of machines, including the switchboard connected to the machines |
| EN 982 (2009) | Safety of machinery - Safety requirements related to systems and their components for hydraulic fluid and pneumatic transmissions - Hydraulic fluid |
| CNR UNI 10011-88 | Standard on steel constructions |
| UNI 1285-68 | Calculation of metal pipes resistance subject to internal pressure |

## 1.8 Legend key

**LIFTING PLATFORM:** hydraulic/electric/pneumatic scissor handling system for the maintenance and repair of motorcycles and scooters. The specific identification of the lifting platform is indicated on the cover.

**OPERATOR:** In compliance with Directive 2006/42/EC and subsequent updates, it is specified that the term 'operator' means the person(s) in charge of installing, operating, adjusting and cleaning the lifting platform. The maintenance and repair operations of the lifting platform are the responsibility of competent personnel.

| SYMBOLS | MEANING |
|---|---|
|  | Yellow triangle pictogram generally indicates a Warning /Risk, *e.g.* risk of high temperatures, risk of crushing the hands, *etc.* |
|  | BLUE round pictogram generally indicates an obligation, for example the obligation to wear certain Person Protective Equipment (PPE), *e.g.* goggles ... or the obligation to read the User Manual. |
|  | Round red Prohibition pictogram indicates in general a Prohibition, for example, person access prohibition, prohibition of hand access while the vehicle is moving. |
|  | Indicates that the operation can be performed by specialised personnel authorised by the Employer. |
|  | Particular importance indication which requires attention. |
|  | Specifies an operation which can only be performed by trained personnel, or after having read and consulted specific operating instructions. |

## 2.1 Machine name

Scissor lifting platform for the maintenance and repair of motorcycles and scooters with a maximum capacity of 500 kg.

The handling of the Bike-Lift lifting platforms can be done through one of the following systems:

- hydraulic pedal system;
- compressed air system;
- electro-hydraulic system;
- electronic system with remote control.

This Manual refers to the model of lifting platform indicated on the cover

## 2.2 Machine identification


**Figure 1 – Example of a plate affixed to the machine**

The identification data of the machine are indicated on the plate placed on the structure and shown in the attached declaration of conformity.

Refer to these details for ordering spare parts and for any kind of contact with the Manufacturer

It is absolutely forbidden for the user to remove or alter this plate. Any modification or removal of the plate will void any warranty.

The machines can be subject to updates or small aesthetic changes and therefore have different details than those shown, without prejudice to the descriptions and procedures contained by this Manual.

## 2.3 Machine description

The machine known as **Motorbike Lifting Platform** is a suitable equipment to support motorcycles during the maintenance and repair phase in a comfortable and safe way.

The basic parts of the lifting platform (see Figure 2) are:

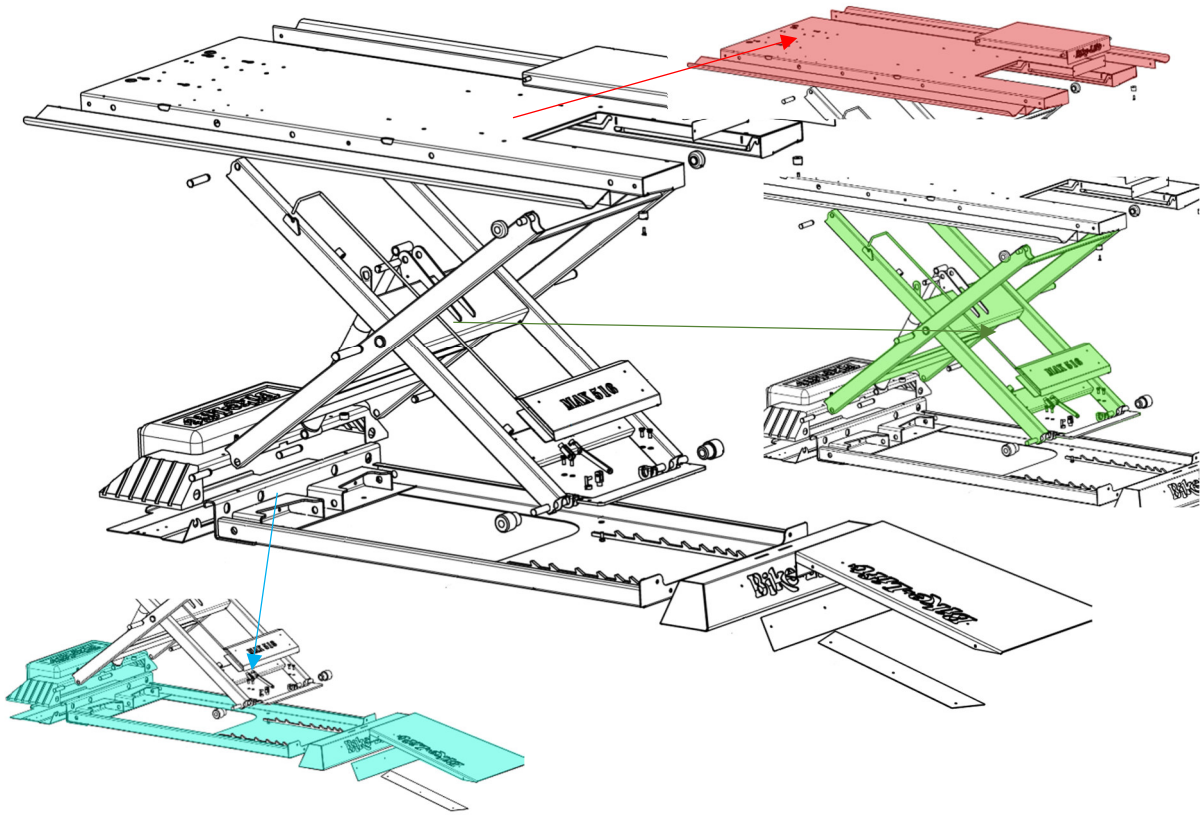
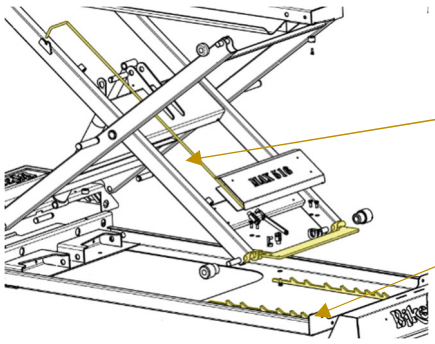


**Figure 2 – Model of a lifting platform**

- an elevating work platform (red);
- a base which can be anchored to the ground (blue);
- a scissor lift system consisting of two crossed X-shaped legs (green) handled by a hydraulic cylinder equipped with a parachute valve.

The fall protection system (shown in yellow in the following figure) consists of:



a mobile anchoring bar with automatic coupling which prevents the accidental descent of the mobile surface.

a mechanical safety system consisting of two toothed bars firmly welded to the base

## 2.4 Intended use

Disseminate the instructions described in this chapter to all personnel involved in the preparation and use of the machine.

The machine is intended for lifting motorcycles for maintenance purposes.

The machine has been designed and built for the specified use; a different use and non-compliance with the technical parameters set by the Manufacturer may be dangerous for the operators.

It can be used in the mechanical motorcycles repair shops both for the mechanical part and for the bodywork.

Any other use different from the one indicated is to be considered as not planned and may cause damage to the machine and operators. It is therefore **FORBIDDEN**.

The machine must always be operated by only one operator.

The operator must always work in proper lighting conditions and wear clothes and protections appropriate to the task performed (typical activity of mechanical workshop)

The working position of the operator during the ascent and descent phases is in the area around the machine at the safety distance allowed by the cable length of the control panel.

It is absolutely forbidden to lift motorcycles while leaning on the side kickstand.

Do not try to lift motor vehicles weighing more than the maximum capacity of the platform.

Do not try to lift four-wheeled vehicles, using two lifting platforms placed side by side.

Do not stand under the motorcycle in case of the ‘gate’ version.

## 2.5 Technical specifications

### 2.5.1 MASTER 506 GATE

(see exploded diagram attached to this Manual)

| VERTICAL SCISSOR LIFTING PLATFORM - MASTER 506 GATE | |
|---|---|
| PARAMETER | VALUE |
| Maximum load capacity | 500 kg |
| Maximum height | 130 cm |
| Minimum height | 19 cm |
| Safety locking positions | 8 |
| Lifting tabletop size | 220x75 cm |
| Side wings size | 212x8.5 cm |
| Overall dimensions of the lifting platform | 220x92 cm |
| GATE size | 60x36 cm |
| Run-up ramp size | 82x51 cm |
| Total space of the lift | 230x92 cm |
| Weight | 250 kg |

The following additional data are available depending on the type of handling:

#### *2.5.1.1 MASTER 506 GATE – MA506-002*

| **AIR PUMP (AIR-HYDRAULIC)** | |
|---|---|
| PARAMETER | VALUE |
| Air pressure | 7-10 Bar |
| Air consumption | 300 Lt/Min. |

#### *2.5.1.2 MASTER 506 GATE – MA506-003*

| **ELECTRO-HYDRAULIC CONTROL UNIT** | |
|---|---|
| PARAMETER | VALUE |
| Available power supplies | 230Volt- 50Hz Europe |
| | 200Volt-50/60Hz Japan |
| | 110Volt-60Hz USA |
| Power | 1,1 kW |
| Available controls | Series button panel |

### 2.5.2 MAX 516 GATE

(see exploded diagram attached to this Manual)

| VERTICAL SCISSOR LIFTING PLATFORM – MAX 516 GATE | |
|---|---|
| PARAMETER | VALUE |
| Maximum bearing | 500 kg |
| Maximum height | 120 cm |
| Minimum height | 19 cm |
| Safety positions number | 8 |
| Lifting surface size | 210x75 cm |
| Side wings size | 210x12 cm |
| Total space of the lifting platform | 210x99 cm |
| GATE size | 60x36 cm |
| Ascent ramp size | 83x51 cm |
| Total space of the lift | 220x99 cm |
| Weight | 250 kg |

The following additional data are available depending on the type of handling:

#### *2.5.2.1 MAX 516 GATE – MG516-002*

| AIR PUMP (AIR-HYDRAULIC) | |
|---|---|
| PARAMETER | VALUE |
| Air pressure | 7-10 Bar |
| Air consumption | 300 Lt/Min. |

#### *2.5.2.2 MAX 516 GATE – MG516-003*

| ELECTRO-HYDRAULIC CONTROL UNIT | |
|---|---|
| PARAMETER | VALUE |
| Available power supplies | 230Volt- -50Hz Europe |
| | 200Volt-50/60Hz Japan |
| | 110Volt-60Hz USA |
| Power | 1,1 kW |
| Available controls | Series button panel |

### 2.5.3 MAX 516

(see exploded diagram attached to this Manual)

| VERTICAL SCISSOR LIFTING PLATFORM – MAX 516 | |
|---|---|
| PARAMETER | VALUE |
| Maximum bearing | 500 kg |
| Maximum height | 120 cm |
| Minimum height | 19 cm |
| Safety positions number | 8 |
| Lifting surface size | 210x75 cm |
| Side wings size | 210x12 cm |
| Total space of the lifting platform | 210x99 cm |
| GATE size | 60x36 cm |
| Ascent ramp size | 82x51 cm |
| Total space of the lift | 220x99 cm |
| Weight | 250 kg |

The following additional data are available depending on the type of handling:

#### *2.5.3.1 MAX 516 – M516-002*

| AIR PUMP (AIR-HYDRAULIC) | |
|---|---|
| PARAMETER | VALUE |
| Air pressure | 7-10 Bar |
| Air consumption | 300 Lt/Min. |

#### *2.5.3.2 MAX 516 – M516-003*

| ELECTRO-HYDRAULIC CONTROL UNIT | |
|---|---|
| PARAMETER | VALUE |
| Available power supplies | 230Volt- -50Hz Europe |
| | 200Volt-50/60Hz Japan |
| | 110Volt-60Hz USA |
| Power | 1,1 kW |
| Available controls | Series button panel |

### 2.5.4 SPORT 500

(see exploded diagram attached to this Manual)

| VERTICAL SCISSOR LIFTING PLATFORM – SPORT 500 | |
|---|---|
| PARAMETER | VALUE |
| Maximum bearing | 500 kg |
| Maximum height | 120 cm |
| Minimum height | 19 cm |
| Safety positions number | 8 |
| Lifting surface size | 210x60 cm |
| Side wings size | 210x12 cm |
| Total space of the lifting platform | 210x84 cm |
| GATE size | 60x36 cm |
| Ascent ramp size | 62x44 cm |
| Total space of the lift | 220x84 cm |
| Weight | 190 kg |

The following additional data are available depending on the type of handling:

*2.5.4.1 SPORT 500 – SG500-002*

| AIR PUMP (AIR-HYDRAULIC) | |
|---|---|
| PARAMETER | VALUE |
| Air pressure | 7-10 Bar |
| Air consumption | 300 Lt/Min. |

*2.5.4.2 SPORT 500 – SG500-003*

| ELECTRO-HYDRAULIC CONTROL UNIT | |
|---|---|
| PARAMETER | VALUE |
| Available power supplies | 230Volt- -50Hz Europe |
| | 200Volt-50/60Hz Japan |
| | 110Volt-60Hz USA |
| Power | 1,1 kW |
| Available controls | Series button panel |

# 3 ⚠ Safety section

## 3.1 Environmental working values

The use environment of the machine must be well lit, must not present explosion hazards of any kind and must be protected from atmospheric precipitations.

The machine works properly within the following values:

- Ambient temperature between 5° and 40° C;
- Ambient humidity between 30% and 90% without condensation;

STORAGE: if the machine has been unpacked, store it in a closed space protected from bad weather conditions.

## 3.2 Sound level

During the normal conditions of use some measurements were made at the workplace and around the machine at a distance of 1 m and at 1.6 m height above the ground.

The survey was carried out with a sound level meter, complying with IEC 651 standard, class 1 and the result of the assessment was lower than the minimum limit of action required by the regulations in force.

## 3.3 Residual risks

The use of the lifting platform is the absolute prerogative of professional operators and specialised technicians, in compliance with the requirements of Machinery Directive 2006/42/ EC and subsequent updates.

Operators must be in full possession of all physical and mental abilities during the performance of their tasks on the machine; they must not, for example, be under the influence of sedatives, drugs or alcohol.

Before carrying out the work, the operators must be perfectly aware of the position and operation of all the controls and specifications of the machine indicated in the 'EC Use and Maintenance Manual'.

It is forbidden to use the lifting platform for a purpose other than those provided by the Manufacturer.
Always pay attention to the danger and/or warning signs placed on the machine or in adjacent areas.

The machine must always be operated by only one operator placed at the safety distance allowed by the cable length of the control panel.

The operators standing areas must always be kept clean and free of any oily residues to allow an easy and safe passage.

The putting out of service of the protection and safety devices for protecting the operators is the sole responsibility of the Purchaser or the machine's user.

Finally, we remind you that the handling, installation, use, maintenance and putting out of service of the machine represent a source of danger if these operations are not performed in compliance with the requirements of this Manual or without the necessary caution and attention required.

(Further and better details regarding the Risk Assessment to be requested from the Manufacturer).

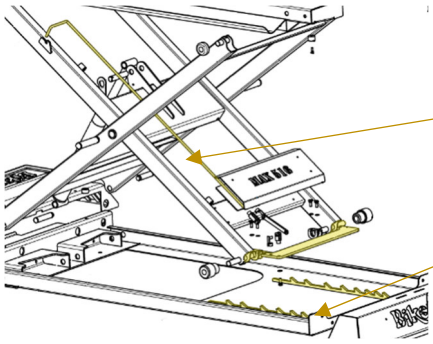
### 3.4 Operator protections

Before starting any type of work on the motorcycle lifting platform, the operator must wear appropriate PPE, such as gloves and safety footwear.

Always wear work clothing normally used in the mechanical workshop activity.

### 3.5 Safety systems

The machine is equipped with a mechanical safety device (Figure 3) consisting of a mechanical safety bar for standing at the working height, with the lower stroke limitation made by lock blocks welded to the lower base.



mobile anchoring bar with automatic coupling which prevents the accidental descent of the mobile surface.

mechanical safety system consisting of two toothed bars firmly welded to the base

**Figure 3 – Mechanical stop system**

The lifting piston has a **parachute valve** which locks the cylinder in case the oil cable is

**In order to make the machine safe during the ascent phase:**

1- Allow the anchoring bar to move freely around the perimeter of the toothed bar on the base;
2- When the selected position is reached, leave the bar uncoupled; this will act as a mechanical stop in case of an uncontrolled fall of the structure.

**In order to make the machine safe during the descent phase:**

1- Hook the anchoring bar to the appropriate lock in order not to hinder the correct descent of the system;
2- If the system is brought to the lower stroke (therefore in a position of minimum height), the bar will automatically release to allow the ascent; otherwise, select the chosen position to hook the bar which will act as a mechanical stop in case of an uncontrolled fall of the structure.

blanked.

**ALWAYS keep the mechanical lock hooked** during work, in order to weigh down the weight of the structure and of the vehicle standing on it even on the toothed bars at the base.

During the use of the lifting platform it is very important to pay the utmost attention to the ascent and descent manoeuvres. During the ascent/descent phase the operator is required to distance from the lifting platform according to the length allowed by the control panel cable.

The personnel who are not in charge of using the lift must not pass or stand in the operating area of the motorcycle lifting platform.

The machine must always be operated by only one operator.

Once the motorcycle is loaded on the lifting platform, place it in a vice or use the rear kickstand, then fasten it firmly to the openings and the wheel lock by using a belt.

GIVEN THE BEARING VALUE INDICATED ON THE PLATE:
Do not exceed the load capacity of the lifting platform;
Use it only to lift objects;
Do not modify the lifting platform;
The load must always remain firm and stable.

### 3.6 Pictograms

| | |
|---|---|
|  | Danger of crushing hands with the lifting platform arms. |
|  | When the platform is at the desired height, insert the locking bar to prevent it from falling down accidentally. |
|  | Load the motorcycle only when the platform is completely lowered.<br><br>Before lifting it, make sure that nothing is supported by the ramp.<br><br>Do not lean the rear wheel of the motorcycle on the ramp during and after lifting. |

### 3.7 Additional safety systems for the built-in version

For the built-in version, the lifting platform presents risks of crushing and getting stuck inside the housing. During the ascent/descent phase the operator is required to distance from the lifting platform according to the length allowed by the control panel cable.

The machine must always be operated by only one operator.

**Figure 4 – Built-in lifting platform**

In order to secure the machine during the ascent and descent phases, it is necessary to perform the same operations as in case of a non-built-in version.

**ALWAYS keep the mechanical lock hooked** during work, in order to weigh down the weight of the structure and of the vehicle standing on it even on the toothed bars at the base.

There are sensors which safely stop the descent of the lifting platform at 19 cm from the lock in order to protect the lower limbs against crushing caused by the shearing between the descending platform and the digging.

To completely close the lifting platform, safety must be bypassed by pressing both the descent button and the safety bypass button, both placed on the control panel (Figure 11).

In case of the built-in lifting platform, there is also an emergency button.

# 4 Transport and handling section

## 4.1 Transport, handling and storage

**CAUTION:** Disseminate the instructions described in this chapter to all personnel involved in the Transport and handling of the machine.

For safety reasons, the moving parts must be locked before Transport.

## 4.2 Packaging and Transport

The machine is packed for Transport directly from the Manufacturer.

It is supplied with a cardboard box and two wooden sleepers (1O cm height) fixed under the lifting platform with special screws. In addition to the lifting platform, the package also contains the ascent ramp (Figure, [1]) and the wheel stop tube (Figure, [2]).

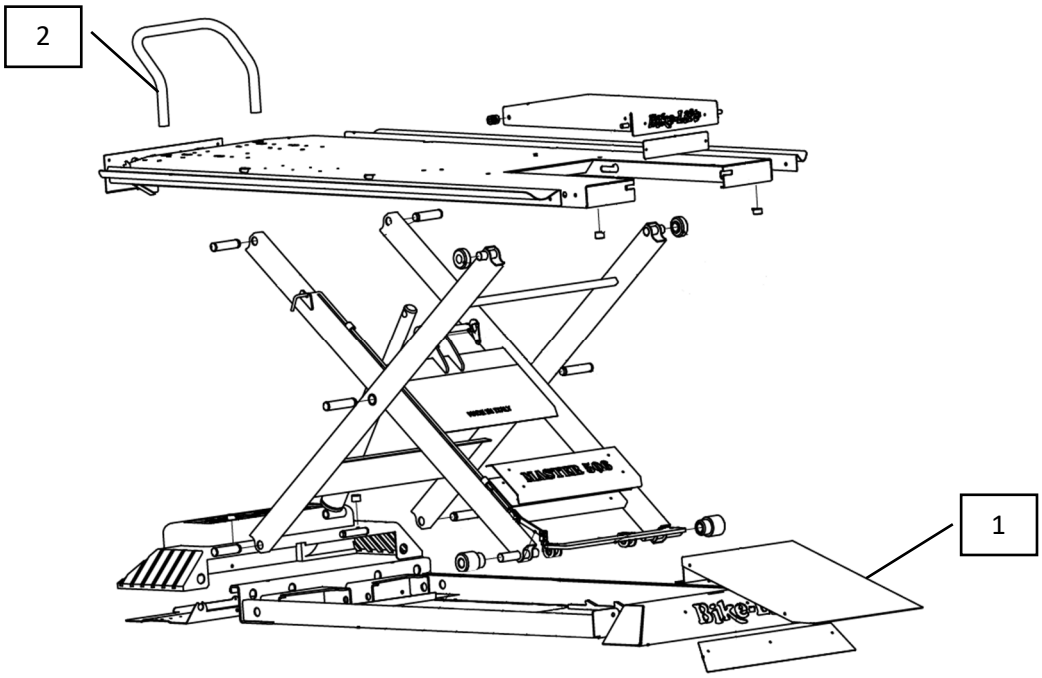



**Figure 5 – Lifting platform model**

The machine is tested and in perfect condition.
**AT CUSTOMER'S REQUEST AND IN ORDER TO AVOID DAMAGE TO THE LIFTING PLATFORM DURING TRANSPORT AND HANDLING A WOODEN CASE PACKAGING IS ALSO AVAILABLE, WHICH HAS AN ADDITIONAL COST COMPARED TO THE STANDARD FREE PACKAGING**

## 4.3 Unloading and handling

All lifting and unloading operations must be carried out in compliance with current safety regulations.
The cardboard and wooden packaging must be lifted using a forklift truck, by inserting the forks inside the wooden supports.

It is recommended that the unloading or handling operations to be carried out with a forklift truck by a single Operator equipped with workshop gloves, safety footwear and protective helmet, as required by current regulations.

This operator must pay maximum attention to all Transport phases.

Do not allow any other person to stand in the operation area of the forklift truck in order to prevent the accidental fall of the boxes.

During the unloading phase, in any case, pay attention to the vehicles and people in transit.

Make sure there are not many holes in the floor or on the high slope ramps for the vehicle used, in relation to the load carried; always proceed at low speed with the means of Transport.

The unloading from the wooden pallet of the cardboard packaging containing the lifting bench, carried out manually by no less than four operators equipped with workshop gloves, must be done near the location where the machine will be installed.

### 4.4 Receipt and check

The packaging is made of suitable material and is carried out by expert personnel, but during the journey it is possible to be deteriorated or damaged.

Upon receipt of the machine, immediately check if the packages are clearly damaged. If so, accept the goods with reserve, by making photographic evidence of any damage.

Open the box by cutting the clips and the closing adhesive tape.

Make sure all the material shown on the delivery note is actually present.

Make sure the parts of the machine have not been damaged during Transport and notify, within 5 days of receipt, any damage to the Carrier by REGISTERED LETTER (and notify Bike-Lift Europe s.r.l.), by presenting photographically documented evidence.

### 4.5 Storage

Pending to be unpacked and installed, the machine must be stored in a suitable environment in order not to alter its operation.

- Store the packed machine in a closed or covered area above the ground by using sleepers or similar objects.
- Room temperature and humidity: -5°/75 ° C Relative humidity between 30% and 90%.
- Do not overturn the packaging.
- If the machine is stored without packaging, it must be positioned firmly on wooden sleepers and covered with a cloth.
- Do not stack anything on the machine.

The machine must be installed in compliance with the safety regulations and instructions included in this chapter.

**CAUTION:** COMPLETELY remove the wooden sleepers located under the lifting platform by removing the fixing screws before using the machine.

The machine does not need a basis but requires a flat and horizontal floor. The floor must be able to support a minimum weight of 500 kg/m$^2$.

The motorcycle lifting platform must be placed in such a way as to allow the operator to easily repair the motorcycles.

The lifting platform must therefore be installed by taking into account the minimum distances from walls or other possible boundaries (boundaries are imaginary lines which delimit the work or safety areas of other machines or structures).

The ascent/descent ramp must be positioned so that the bike can be easily lifted. The ramp must not be directed towards an obstacle which is too close to the motorcycle lifting platform.

**CAUTION:** It is absolutely forbidden to position the lifting platform on bumpy or inclined ground.

Bring the machine to the place of installation by using a mechanical lift, unpack it and place it in the chosen area.

To install the machine, fix it to the floor with 4 dowels M1O x 100 mm, using the appropriate holes (used to fix the sleepers).

## 5.1 Power

Foot pump - Connect the hydraulic hose to the *nipple* on the front side of the pump.

Air pump - Connect the compressed air circuit to the lifting platform.

Electric pump - Connect the electric cable to the power grid using the plug (not supplied), according to the regulations in force in the Country of use. The socket must be grounded.

**TECHNICAL DATA OF THE ELECTRIC MOTOR:**

**Use voltage: 220/230 V. Frequency: 50 Hz. Absorbed power: 1kW Use voltage:**

**110/115 V. Frequency: 60Hz. Absorbed power: 1kW**

**CAUTION:** In the electronic or electro-hydraulic version, the lifting platform is equipped with an electronic board which transforms the low-voltage current to prevent the electrocution risk. A fuse calibrated on the amperage of the stable 230V power supply is located inside this board.

It is forbidden to replace/tamper with this fuse with one of a higher resistance/amperage.

## 5.2 Commissioning

The tests to be carried out before using the machine have the task of verifying that the mechanical and electrical installation (in the electro-hydraulic pump versions) has been carried out correctly and there are no breakages or damages which could compromise the proper functioning and the performance of the machine.

Make sure:

- There are no signs of obvious breakage or damage to the mechanical structures;
- The mechanical safeties previously described are functioning;
- The connecting pipe between the pump and the hydraulic cylinder does not have any cracks and is in good condition;
- All the Seeger ring clips placed on the pins are installed correctly.

In the versions equipped with electro-hydraulic pump, also check that:

- The electric cable and plug protections (not supplied, but to be installed by the User in compliance with the country's regulations) are in perfect condition;
- The power plug is properly inserted in the socket;
- The electrical power wiring between the pump and the socket is well positioned, not twisted, does not interact with the passage routes or the storage spaces and does not interfere with other machineries;
- The connection to the electrical system is suitable for power and amperage in order to power the electro-hydraulic pump (refer to the data on the plate shown on the lifting platform).

Carry out the connection following the instructions contained in the Manual supplied with the pumps.

# 6 Dismantling/scrapping section

## 6.1 Dismantling

Follow the Regulations regarding the materials dismantling in force in the country where the machine will be dismantled.

Here are some useful indications in case you must disassemble the machine to reassemble it in other areas, store it or demolish it.

## 6.2 Mechanical dismantling

Before proceeding with mechanical dismantling of the machine, carefully clean the whole structure (see **Cleaning and Maintenance**).

Before removing the machine from its housing, remove all moving parts by proceeding to the opposite of what is described in the **Installation** chapter.

For the lifting modes and the relative specific safety precautions, refer to the **Transport, Handling and Storage** chapter.

## 6.3 Scrapping

The dismantling operations of the machine must be carried out in total safety by using the protections.

At the end of the machine's life it is necessary to proceed to the proper dismantling of the components which are listed with reference to the interested party:

- Support structure: Fe 360/S235
- Hydraulic cylinder: Fe 360/S235
- Paint: Epoxy powder
- Gaskets: Polyurethane rubber
- Oil: Hydraulic ISO VG 1O (W32)

Dispose of the different types of machine components in appropriate landfills.

Always comply with the Legislation in force in the country where the machine is used.

# 7 Operation section

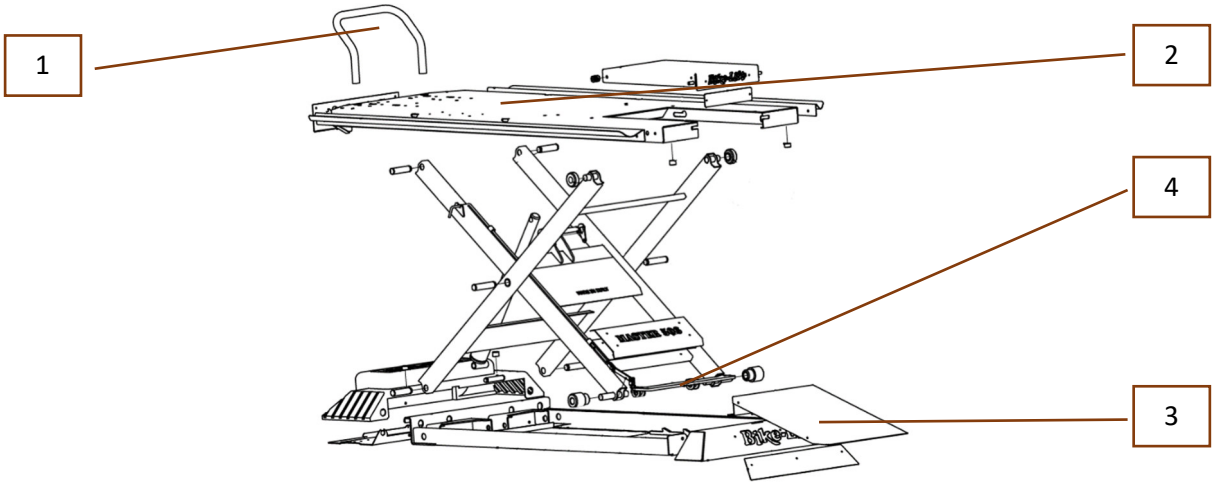



**Figure 6 – general model of a lifting platform**

## 7.1 Loading operations

Before installing the vehicle on the platform, it is essential to use the wheel stop (Figure 6, [1]), to check that the work surface (Figure 6, [1]) is **completely lowered** and the ascent ramp (Figure 6, [3]) is properly positioned.

1- Load the motorcycle on the work surface [2], by passing it on the ascent ramp [3];
2- Place the motorcycle on its centre kickstand (if it does not have a central kickstand, use one of our rear kickstand). **Do not lift the motorcycle leaning on the side kickstand;**
3- Tie the motorcycle with the belts (available on request) to make it more stable.

**CAUTION:** Never lift the load before making sure it is firmly fastened to the platform with belts.
Always check during lifting that the load does not slope and unbalance;
During the ascent/descent phase the operator is required to distance from the lifting platform according to the length allowed by the control panel cable.

Proceed with the lifting operation of the structure according to the following, depending on the type of lifting available.

Once the working height has been reached, slightly lower the lifting platform in order to make sure that the safety bar (Figure 6, [4]) is leaning against the stop locks; otherwise, continue the ascent until the bar exceeds the stop locks located at the base of the lift for the chosen working height;

**CAUTION:** Do not operate without the safety bar.

If necessary, the ascent ramp can be removed, to allow the operator to work without disturbance even in the rear part of the bike.

## 7.2 Unloading operations

1- Reassemble the ascent ramp;
2- Make sure that the scissor sliding guides are free from foreign bodies (bolts or other objects would stop the descent and could cause serious damage or dangerous jolts);
3- Use the pump to raise the lifting platform with about 3 cm, then release the safety bar (Figure 6, [3]) through the special lever placed sideways. Operate the descent control;
4- When the descent is complete, free the motorcycle from the belts;
5- Open the locking vice of the front wheel (if present);
6- Lift the motorcycle kickstand and lower it using the brakes to stop it.

## 7.3 Lifting types

### 7.3.1. HYDRAULIC FOOT PUMP - element code - 001

The hydraulic foot pump (Figure 7) allows generating a pressurised oil flow rate.


**Figure 7 – Hydraulic foot pump**

The operation is very simple: press the foot pedal repeatedly, making it move alternately from top to bottom to generate hydraulic pressure. By stopping the action on the pedal, the pump will stop but will remain under pressure.

Read carefully the attached use and maintenance Manual:
Hydraulic foot pump PPSE HV Hydraulic.

**CAUTION:** The foot pump is supplied with a specific oil plug for Transport. It is absolutely necessary to replace the Transport oil plug with the normal operating one supplied, before using the foot pump.

### 7.3.2 COMPRESSED AIR PUMP - element code - 002

The pump (Figure 8) is a variable calibration pressure multiplier which allows you to obtain a hydraulic flow from a pneumatic supply.

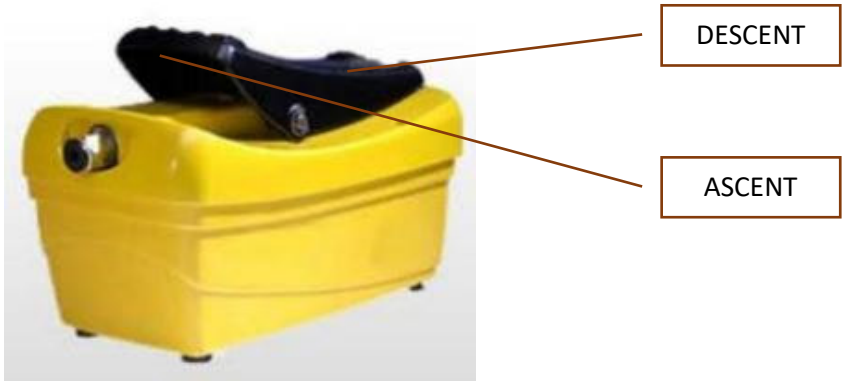



**Figure 8 – Compressed air pump**

Read carefully the attached use and maintenance Manual:
Air pump C.M.O. s.r.l. GHIBLI model

### 7.3.3 ELECTRO-HYDRAULIC PUMP - element code - 003

Lifting takes place using the button panel connected to the hydraulic pump.

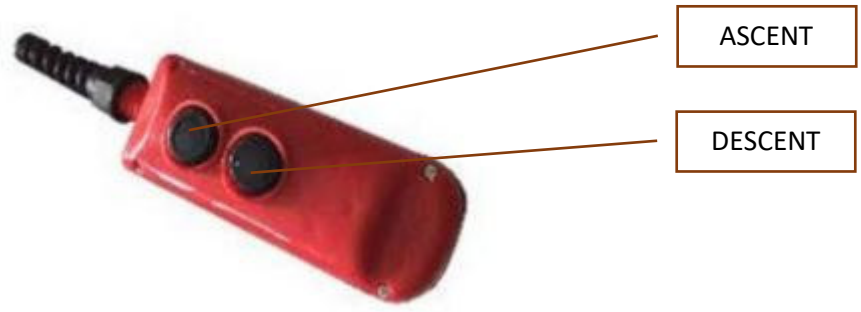



**Figure 9 – button panel with magnet for the ascent/descent control**

The button panel is equipped with two buttons with maintained action which allow the ascent and descent. Once the controls are released the lifting platform stops instantly.

The button panel is equipped with a safety system which stops the operation of one of the two buttons if the other is activated.

### 7.3.4 ELECTRONIC WITH REMOTE CONTROL - element code 004/R

Lifting is carried out by using a remote control connected to the hydraulic pump via a remote control radio receiver.

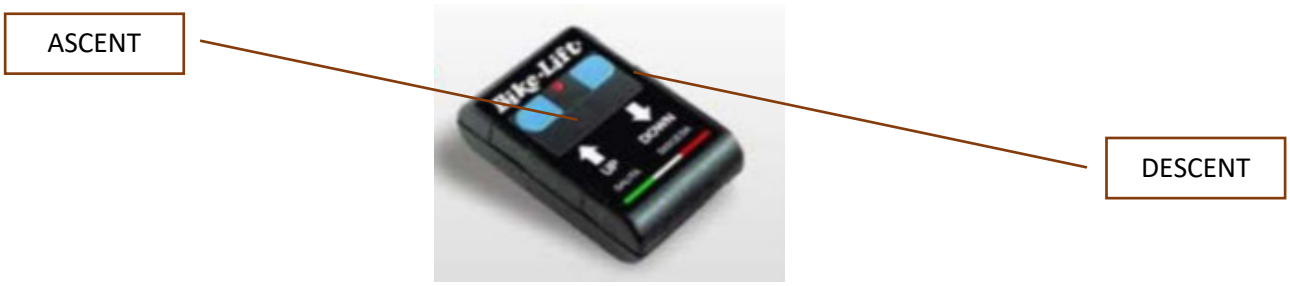



**Figure 10 – remote control button panel with maintained action control**

The remote control is equipped with two buttons with maintained action which allow the ascent and descent. Once the controls are released the lifting platform stops instantly.

### 7.3.5. ELECTRO-HYDRAULIC PUMP built-in system - element code - 003/F

In case of the built-in system, lifting takes place using the button panel (Figure 11). On the panel there are:

- the ascent and descent buttons;
- the emergency button;
- a button to bypass the safety devices to be activated upon descent at a distance of less than 20 cm from the ground, to cancel the effect of emergency stop of the proximity sensors installed on the platform which prevent further unauthorised descent.

**Figure 11 – panel for the floor system**

# 8 Maintenance section

The maintenance operations are the absolute prerogative of professional operators and specialised technicians, in compliance with the requirements of Machinery Directive 2006/42/EC and subsequent updates.

As routine maintenance, the following checks/operations must be carried out **once a month**:

- Visually check the entire machine to make sure that the structures are not deformed or cracked.
- Check the welding and the proper functioning of the safety devices.
- Make sure the machine ascends and descends smoothly.
- Check that the connecting pipe between the pump and the hydraulic cylinder does not have cracks or unusual deformations, otherwise replace it by following the installation operations of the pump ('Commissioning').
- If necessary, add hydraulic oil to the pump by using the special level plug. Use MOTOREX COREX HLF-D 32 hydraulic oil or equivalents.

## 8.1 Lubrication

Check and grease the scissor sliding guides frequently.

Lubricate the pins and moving parts at least once a month. In case of continuous use, lubricate every 15 days.

## 8.2 Bleeding of the hydraulic circuit

To carry out the bleeding of the hydraulic circuit follow the steps:

1- Raise the platform using the ascent button to the maximum mechanical safety position;
2- Remove the safety bar, then use the descent button to lower the platform;
3- Repeat the operations from points 1) and 2) a few times to eliminate any air bubbles in the hydraulic circuit.

Once performing these operations, the platform will ascent properly. If, after performing the previous operations, the platform does not lift properly, repeat the operations from points 1) and 2).

### 8.3 Piston replacement

In case the hydraulic piston must be replaced, proceed as follows:

1- Lower the lifting platform to the minimum height position;
2- Maintain the lowering control of the lift for another 6 seconds, to empty the oil;
3- A second operator must lift the lifting platform by hand up to about 500 mm from the ground; the fall protection device (once the lift has been brought to the minimum height) will be unhooked and will be able to fit inside the nearest pawl;
4- The piston is empty, so it can be disassembled by unscrewing the support screws, the pin (top) and the oil tube (bottom):

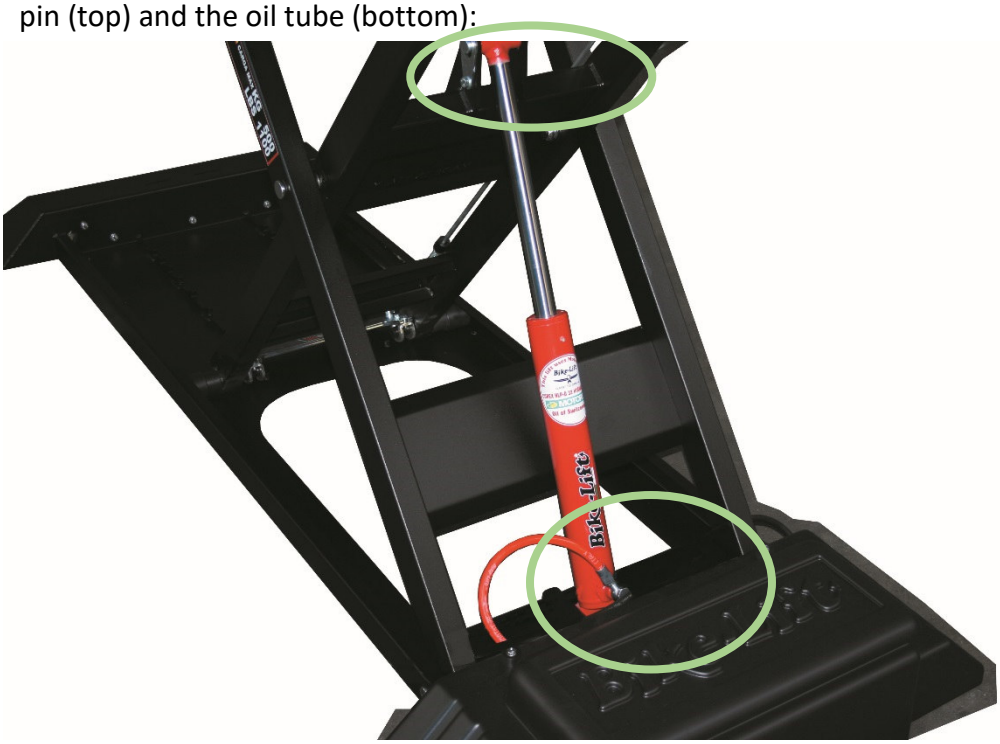


**Figure 12 – hydraulic piston**

5- The piston is replaced by tightening the screws and pin and reconnecting it with the hydraulic circuit;
6- Keep the ascent button pressed for as long as necessary for the piston to re-fill and start the lifting operation;
7- Then proceed with the operation of bleeding the hydraulic circuit (Paragraph 8.2)

**Piston maintenance:**

It is recommended to consider the following aspects:

- The results of the checks and maintenance must be planned and documented.
- Check the oil leaks from the oil nozzle and/or leaks on the heads.
- Set the lubrication intervals for spherical joints, supports and all components which are not self-lubricated.
- The stem must always be retracted during long-lasting machine downtime.

## 8.4 Cleaning

### 8.4.1 Initial cleaning

The machine does not require particular initial cleaning, but it is a good practice to clean the transit areas of the motorcycles by removing the oils and dust to prevent the slip during loading.

Wear water-repellent gloves. Perform the cleaning operations wearing anti-cut gloves resistant to the substances used (follow the safety data sheet).

**CAUTION:** Make sure there are no foreign bodies inside the lifting platform and especially in the sliding guides of the shears and on the rack (6) where the safety bar operates.

**CAUTION:** Any Cleaning and Maintenance operation must be carried out with the safety bar inserted.

**Keep the operator's work area clean.**

The cleaning operations concern:

- The machine in general;
- The operator's standing areas.

Dispose the liquids and consumables used in the appropriate landfills, according to the legislation of the country.

The cleaning of the lifting platform can be carried out by personnel without specific technical skills, who however know the main characteristics of the machine in order to avoid dangerous situations.

### 8.4.2 General cleaning of the machine

Perform the general cleaning of the machine weekly with the utmost care.

Remove foreign substances: you can use non-corrosive detergents for ferrous and rubber material. These detergents must not be harmful to the operator (follow the instructions contained in the safety data sheets of the substances used, also for the selection of PPE worn by the operator during work).

**The use of water jets and flammable liquids is FORBIDDEN**.

The use of self-cleaning cloths is recommended.

The support surfaces and locking blocks of the safety bar must be carefully cleaned to remove traces of oil or grease.

### 8.4.3 Cleaning the work areas

Keep the work area clear of any material which may hinder the operations of the employees.

Keep the surrounding areas clean; in particular from oil, grease, *etc.,* which can make the floor slippery.

Use suitable vacuum cleaners and proper equipment.

## 8.5 Problems and remedies

The most common problems encountered during the work, the probable causes which determine them and the possible remedies to be taken to eliminate them are listed below.

When implementing the suggested remedy, always follow the instructions described in the Instructions to which the remedy refers.

Bike-Lift Europe s.r.l. will solve all the problems which cannot be eliminated by means of the attached instructions.

The motor housing (Figure 13) which activates and moves the platform is placed at the base of the piston.

The foot and air pumps are, on the other hand, external and for their maintenance refer to the intended Manual.

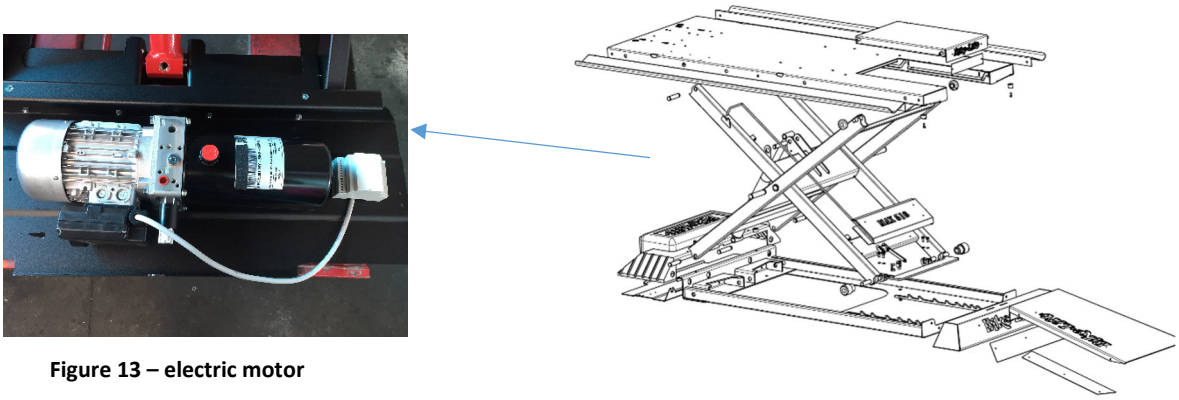


**Figure 13 – electric motor**

### 8.5.1 FOOT PUMP

| PROBLEM | PROBABLE CAUSE | REMEDY |
|---|---|---|
| The pump functions but does not work under pressure. | Oil leak in the hydraulic system | Check the leak in the system and repair it. |
| | Internal leakage of the pump | Check the leak in the pump and contact the Manufacturer. |
| | Oil level too low | Check the oil level (Figure 14) and fill it up if necessary. |
| The pump does not reach maximum pressure. | Maximum pressure valve improperly calibrated (for the models where it is present) | Contact the Manufacturer. |
| | Oil leak in the hydraulic system | Check the leak in the system and repair it. |
| The pump works under pressure, but the load does not move. | Excessive load | Reduce the load. |
| | The oil does not circulate properly | Make sure there are no blocks in the pipes and the cylinder is not faulty. |
| The piston retracts even if the unloading pedal is not pressed. | Oil leak in the hydraulic system | Check the leak in the system and repair it. |
| | Internal pump failure | Check the leak in the pump and contact the Manufacturer. |
| The piston does not return. | Oil supply line throttled or plug improperly connected | Check the oil supply line. |
| | If the return is due to gravity, possible lack of load on the cylinder | Load the cylinder. |
| | Cylinder spring broken | Check and repair the cylinder. |
| | Cylinder release valve not working | Check and repair the cylinder. |
| | Internal pump failure | Check the leak in the pump and contact the Manufacturer. |
| The pump capacity is insufficient. | The pump tank has not been vented. | Vent the tank. |

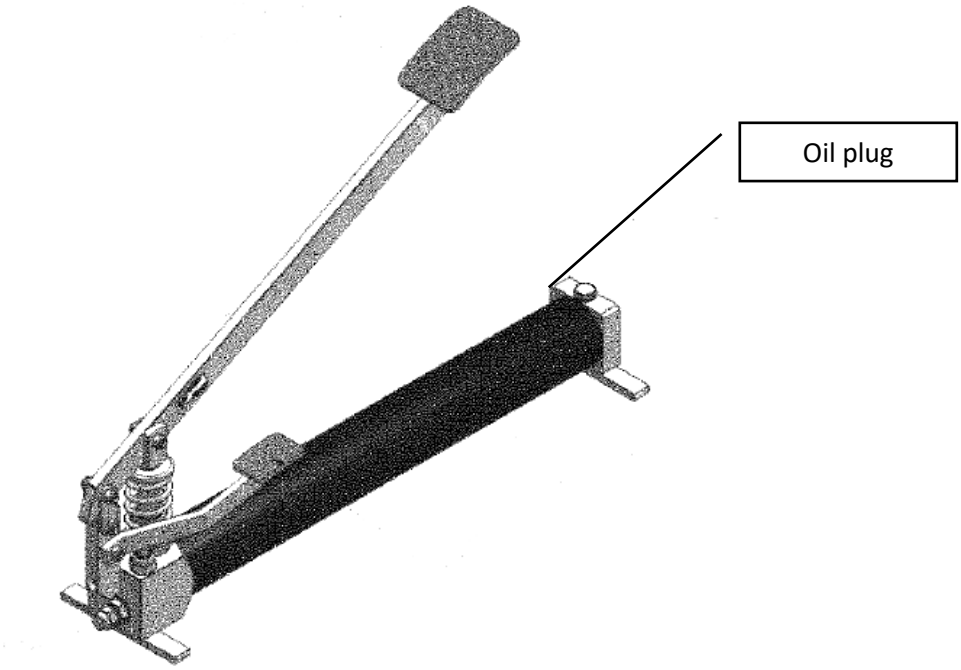



**Figure 14 – Foot pump (external supply) – check the attached Manual**

### 8.5.2 AIR PUMP

| PROBLEM | PROBABLE CAUSE | REMEDY |
|---|---|---|
| The pump does not start. | The compressed air line is closed or blocked. | Verify that compressed enters the pump. |
| The pump locks under load. | Air pressure too low | Check that the supply pressure (air) is between 6 and 10 bar. |
| | Dirty or clogged air filter | Clean or replace the filter. |
| The pump works but does not send oil under pressure. | Oil leak in the main hydraulic system | Check for oil leakage and repair where necessary. |
| | Internal leakage of the pump | Return the pump to the Manufacturer for repair. |
| | Oil level too low | Check the oil level and fill it up if necessary. |
| The pump does not reach maximum pressure. | Air pressure too low | Check that the supply of air pressure is between 6 and 10 bar. |
| | Internal safety valve outside calibration | Contact the Manufacturer. |
| | Oil leak in the main system | Check for leakage and repair where necessary. |
| The pump goes under pressure, but the load does not move. | Excessive load | Reduce the load. |
| | The oil does not circulate properly. | Make sure there are no blocks in the pipes and the cylinder is not faulty. |
| The piston does not retract even if the pedal or return button is pressed. | If the return is due to gravity, possible lack of load on the cylinder. | Check the oil supply line. |
| | Return spring broken | Return the pump to the Manufacturer for repair. |
| The pump capacity is insufficient. | Air pressure too low | Check that the supply of air pressure is between 6 and 10 bar. |
| | Dirty or clogged air filter | Clean or replace the air filter. |

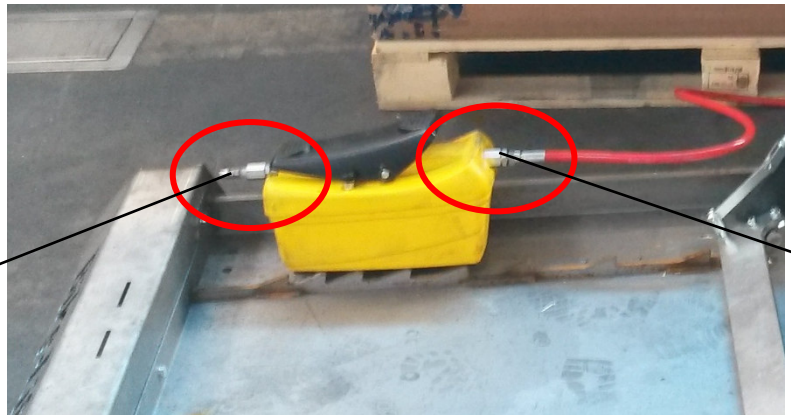



**Figure 15 – compressed air pump**

### 8.5.3. ELECTRIC PUMP

| PROBLEM | PROBABLE CAUSE | REMEDY |
|---|---|---|
| The lifting platform during the ascent and/or descent vibrates excessively or leaps. | Air presence in the Hydraulic Circuit. | It is necessary to bleed the hydraulic circuit by lifting and lowering the lifting platform a few times. |
| The lift climbs slowly and with difficulty. | Oil too viscous | If the air temperature falls below -6°/-10° C, the oil decreases its fluidity. To solve this problem, lift and lower the lift a few times so that the oil increases its temperature. |
| Operating on the button panel, the motor runs but the lift does not rise. | Oil level in the pump too low. | Remove the casing of the pump and check the oil level through the plug (Figure 16).<br><br>If the level is too low, add ISO VG 10 hydraulic oil. |
| | Hydraulic pump problems | Contact the dealer or Bike-lift. |
| Operating on the button panel the motor does not run. | The emergency Stop Button (the red button on the built-in lifting platform version) on the button panel is inserted. | Release the red button on the button panel by turning it clockwise. |
| | No voltage | Check the mains connection plug. |
| | Improper operation of the button unit on the button panel | Replace the button unit. |
| | The motor is short-circuited. | Contact the dealer or Bike-lift. |

| PROBLEM | PROBABLE CAUSE | REMEDY |
|---|---|---|
| Operating on the button panel the lifting platform does not descend. | The emergency Stop Button (red button on the built-in lifting platform version) on the button panel is inserted | Release the red button on the button panel by turning it clockwise. |
| | No voltage | Check the mains connection plug. |
| | Improper operation of the button unit on the button panel | Replace the button unit. |
| | Problems with the solenoid valve which controls the descent of the pump | Replace the solenoid valve (Figure 16). |
| IN CASE OF POWER FAILURE, USE THE SAFETY VALVE WHICH CAN BE OPERATED MANUALLY BY TURNING IT COUNTERCLOCKWISE TO ALLOW THE DESCENT OF THE LIFTING PLATFORM. | | |

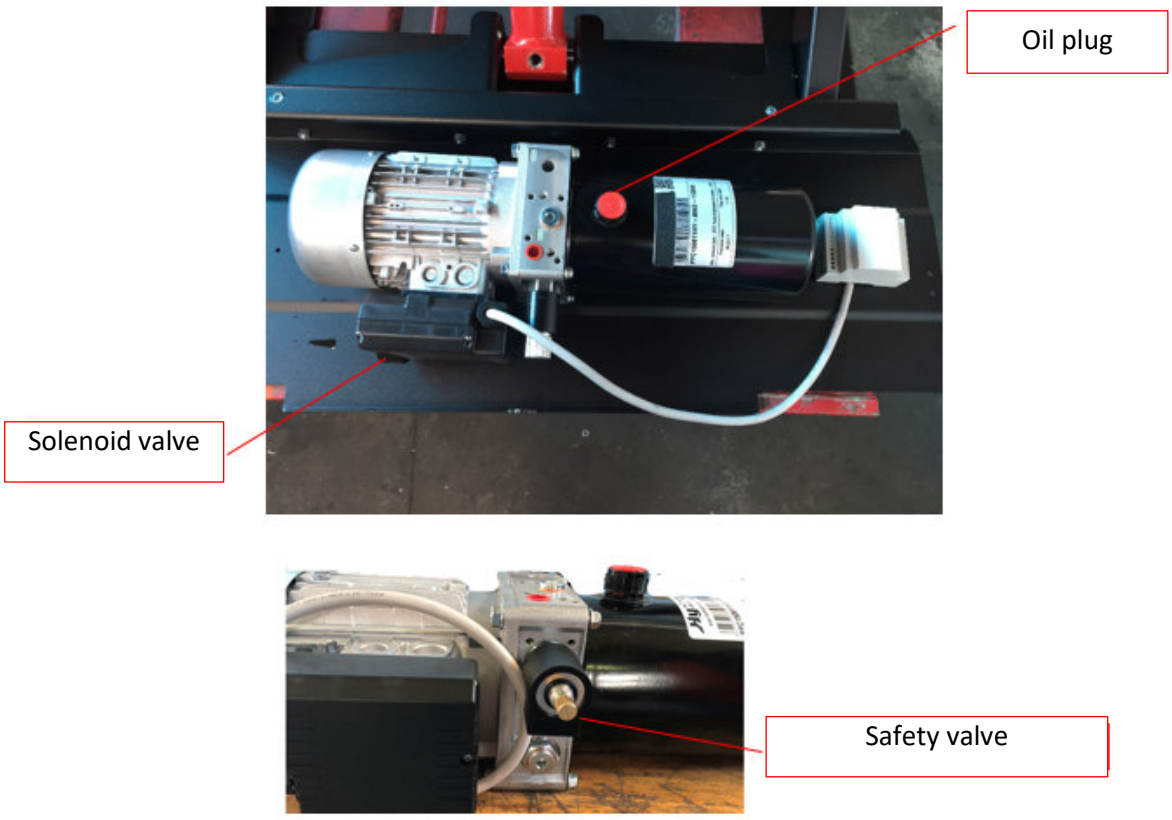



**Figure 16 – Electric Motor**

Master 506

| BASIC EQUIPMENT | |
|---|---|
| PARAMETER | VALUE |
| Motorcycle wheel stop bar | 1 pc |
| Run-up ramp | 1 pc |
| Objects support side wings | 2 pc |

Max 516 gate

| BASIC EQUIPMENT | |
|---|---|
| PARAMETER | VALUE |
| Motorcycle wheel stop bar | 1 pc |
| Run-up ramp | 1 pc |
| Objects support side wings | 2 pc |

MAX 516

| BASIC EQUIPMENT | |
|---|---|
| PARAMETER | VALUE |
| Motorcycle wheel stop bar | 1 pc |
| Run-up ramp | 1 pc |
| Objects support side wings | 2 pc |

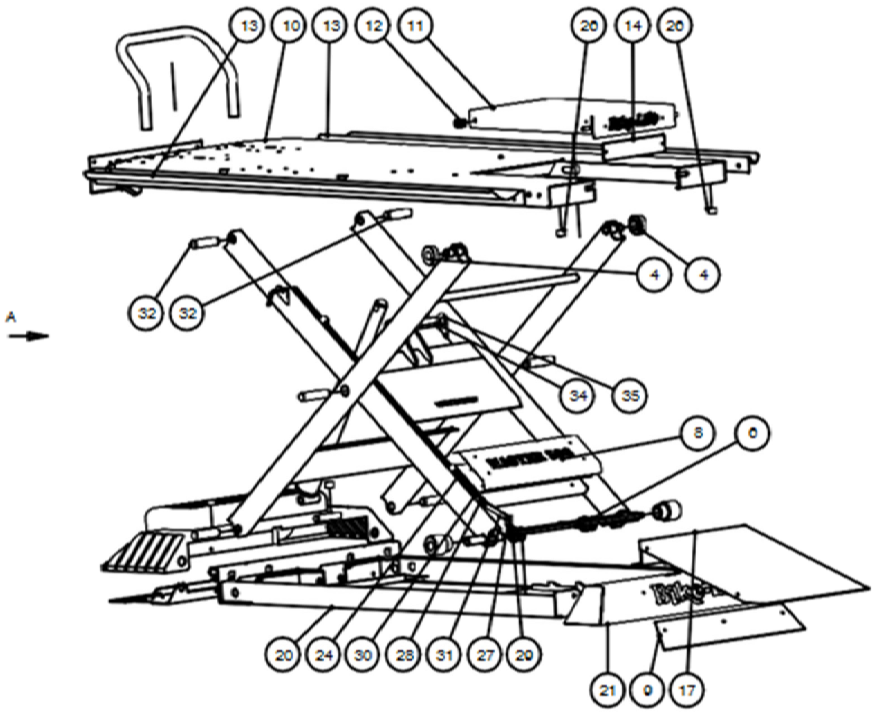
SPORT 500

| BASIC EQUIPMENT | |
|---|---|
| PARAMETER | VALUE |
| Motorcycle wheel stop bar | 1 pc |
| Run-up ramp | 1 pc |
| Objects support side wings | 2 pc |
| | |

# NOTE – NOTES

# NOTE – NOTES

# SPARES / TECHNICAL DESIGNS

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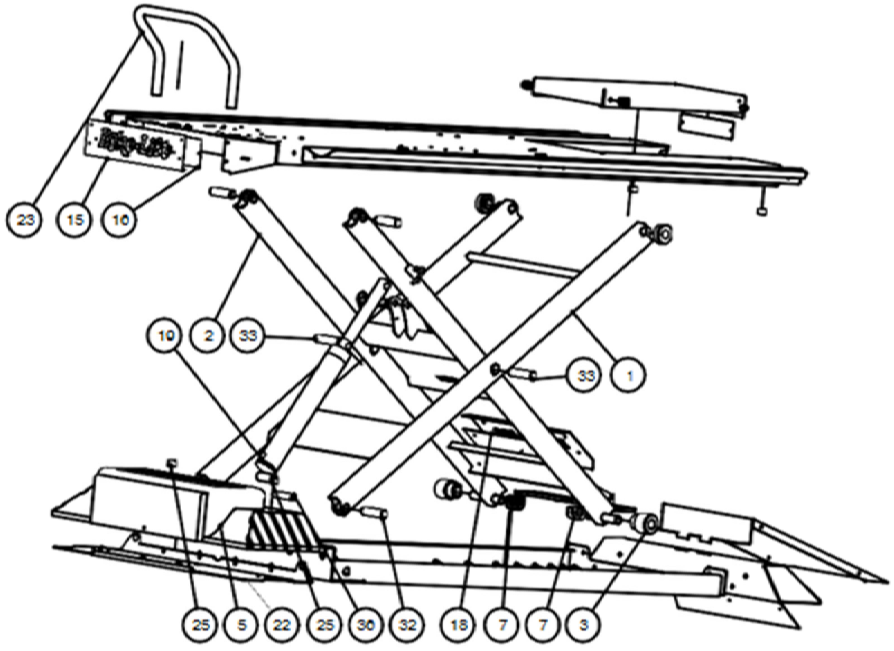


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| | | | | | |
|---|---|---|---|---|---|
| 38 | 111102002000 | P030303600 | PERNO INFERIORE GAMBE RACING-400 | 1 | TONDO D.20mm |
| 35 | 111103100101 | P010098500 | BLOCCO PERNO ALTO CILINDRO | 1 | LAMIERA 30/10 |
| 34 | 111102015801 | P030023600 | PERNO UNIVERSALE ALTO CILINDRO | 1 | TONDO TRAF. D. 20mm |
| 33 | 111102001801 | P030030300 | PERNO CENTRALE GAMBE 756 | 2 | TONDO D.25mm |
| 32 | 111102008400 | P030030000 | PERNO INFERIORE GAMBE 756 | 4 | TONDO D.25mm |
| 31 | 111103027300 | | LEVA COLLEGAMENTO FORCELLE | 1 | LAM. 60/10 Fe 360 |
| 30 | 5103010004100 | | GUAINA FORCELLA LUNGA | 1 | |
| 29 | 5103010003300 | | GUAINA PICCOLA FORCELLA | 1 | |
| 28 | 5103010001100 | | FORCELLA LUNGA SICURA | 1 | |
| 27 | 5103010002000 | | FORCELLA PICCOLA SICURA | 1 | |
| 26 | 4123100024100 | P030305100 | SPESSORE ALTO PIANALE | 2 | PVC NERO D.20mm |
| 25 | 4123100025000 | P030305000 | SPESSORE BASSO BASE | 2 | PVC NERO D.20mm |
| 24 | 111102007500 | P030303400 | ASTA DI SICUREZZA | 1 | TONDO D.6 mm |
| 23 | 111101006800 | | TUBO FERMARUOTA | 1 | TUBO D.30x2mm |
| 22 | 111103066503 | P010015301 | SUPPORTO MOTORE BASAMENTO ABSOLUTE-MAX-MASTER | 1 | LAMIERA SP.25/10 |
| 21 | 112299019000 | G010019000 | ASSIEME LAMIERA FRONTALE BIKE | 1 | |
| 20 | 112299010900 | G010020500 | ASSIEME SALD. BASAMENTO ABSOLUTE-MASTER | 1 | |
| 19 | 820500000100 | A100005200 | CILINDRO C-756 SOLO STELO | 1 | |
| 18 | 111103000106 | P010098100 | SOTTOSCRITTA MAX 516 | 1 | LAMIERA SP 10/10 |
| 17 | 111103092800 | P010071400 | RAMPA SALITA MAX 504 SPORT 504 R400 | 1 | LAM.25/10 FE 360 |
| 16 | 111103084900 | P010056000 | SOTTOSCRITTA PIANALE C-756 | 1 | LAMIERA SP.20/10 |
| 15 | 111103084900 | P010049700 | LAMIERA FRONTALINO BIKE-LIFT | 1 | LAMIERA SP.30/10 |
| 14 | 111103098701 | P010078000 | SOTTOSCRITTA BIKE GATE | 1 | LAM.10/10 FE 360 |
| 13 | 111103091800 | P010065400 | ALI DI PROTEZIONE CG 756 L=2100 | 2 | LAM.20/10 FE 360 |
| 12 | 111102019450 | P030019800 | PERNO ROTAZIONE GATE | 2 | TONDO 025 C40 |
| 11 | 112299005900 | G010011800 | ASSIEME SALDATO GATE CG 756-MAX 504 | 1 | |
| 10 | 112299006400 | G010010300 | ASSIEME SALDATO PIANALE CG-756 | 1 | |
| 9 | 111103080400 | P010057000 | SOTTOSCRITTA LOGO B-L SU BASE | 1 | LAMIERA SP.10/10 |
| 8 | 111103095700 | P010078300 | LAMIERA DI COLL. GAMBE INT. C-756 | 1 | LAMIERA SP.15/10 |
| 7 | 111103068800 | P010051900 | ATTACCO SICURA PER PERNO GAMBE D.25 | 2 | LAMIERA SP.50/10 |
| 6 | 111103088100 | P010063000 | SICURA PER C-756 | 1 | LAMIERA SP.100/10 |
| 5 | 4121110000100 | P040010000 | CARTER POSTERIORE SOLLEVATORE | 1 | PLASTICA NERA |
| 4 | 4123100003000 | P040002700 | RUOTA SUP. F-500/C-750 PVC NERO | 2 | PVC NERO |
| 3 | 4123100003100 | P040002800 | RUOTA INF. F-500/C-750 PVC NERO | 2 | PVC NERO |
| 2 | 112299006300 | G010014700 | ASSIEME SLDATO GAMBE INTERNE MASTER GATE 506 | 1 | |
| 1 | 112299006500 | G010014600 | ASSIEME SALDATO GAMBE ESTERNE MASTER GATE 506 | 1 | |
| FI | CODICE | DISEGNO | DESCRIZIONE | QTA' | MATERIALE |

| REV. | DATA | MODIFICA | FIRMA |
|---|---|---|---|
| 0 | | | |

DENOMINAZIONE: MASTER 506

ASSIEME

MATERIALE

Kg 149,03

Bike-Lift EUROPE S.r.l.

TOLLERANZE NON INDICATE H10-H12 SCOST.AMMESSO SUGLI ANGOLI ± 10'

TRATTAMENTO

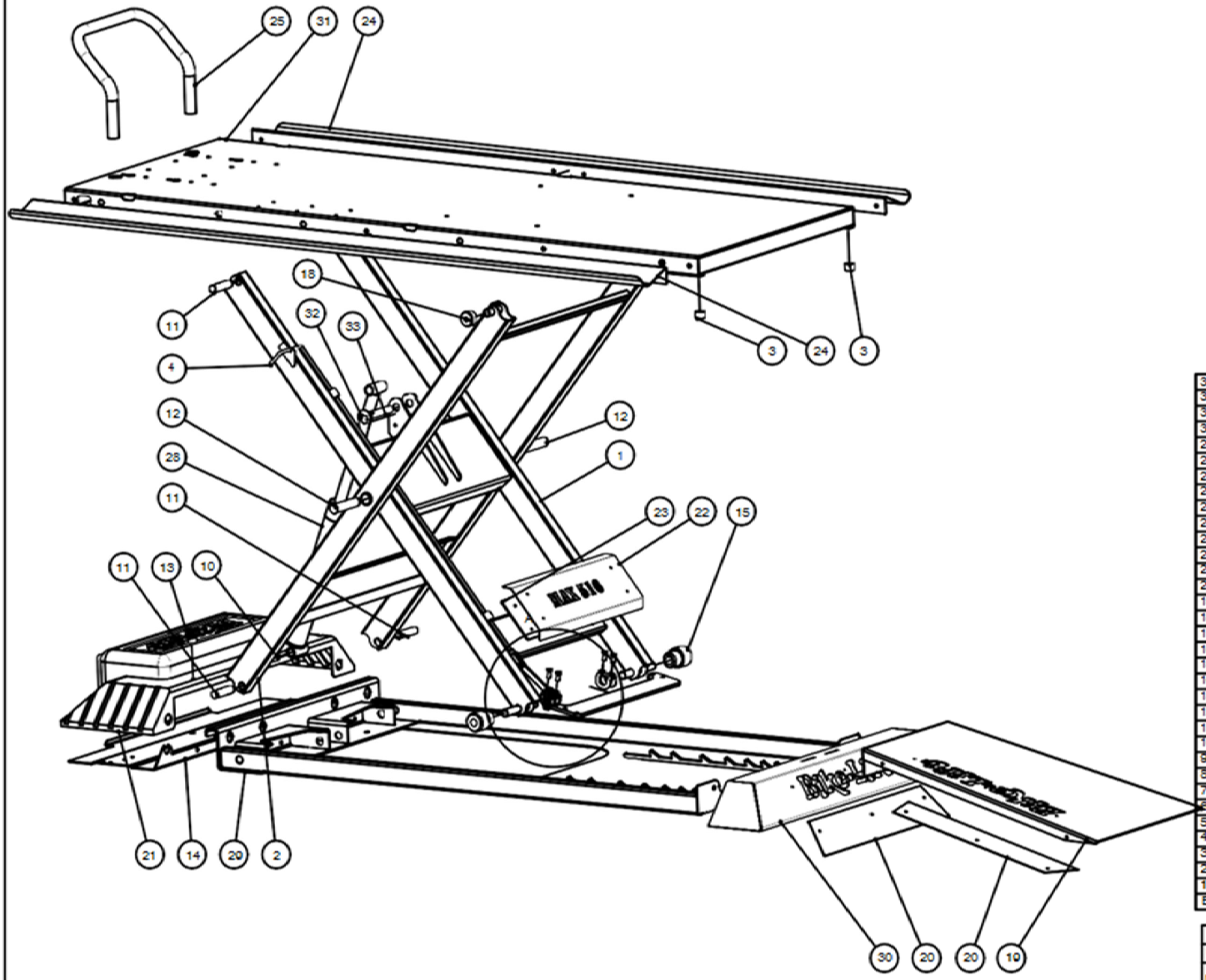
VERNICIATURA

PROPRIETA' RISERVATA E VIETATA LA RIPRODUZIONE E L'UTILIZZO DA PARTE DI TERZI SENZA LA NOSTRA AUTORIZZAZIONE

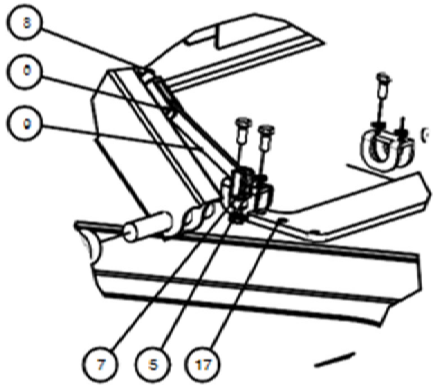
GRUPPO: A2 | SCALA: 1:12 | DATA: 04/01/17 | DISEGNO N.: C020001500

CONTROLLATO DA:

DISEGNATO DA: FILIPPO S.




A ( 1 : 4 )




| | | | | | |
|---|---|---|---|---|---|
| 33 | 1111020015601 | P030023600 | PERNO UNIVERSALE ALTO CILINDRO | 1 | TONDO TRAF.Ø 20 mm |
| 32 | 1111031001101 | P010099500 | BLOCCO PERNO ALTO CILINDRO | 1 | LAMIERA SP.30/10 S235 |
| 31 | 1122990085000 | G010017600 | ASSIEME PIANALE MAX-516 | 1 | |
| 30 | 1122990190000 | G010019000 | ASSIEME LAMIERA FRONTALE BIKE | 1 | |
| 29 | 1122990113000 | G010021000 | ASSIEME SALD. BASAMENTO MAX-516 | 1 | |
| 28 | 6205000004000 | A100004800 | PISTONE MAX-516 | 1 | |
| 27 | UNI 6592V,M8 | UNI 6592V,M8 | Rosetta M8 UNI 6592V | 5 | |
| 26 | UNI 5740,M8x1,20 | UNI 5740,M8x1,20 | VITE M8x1x 20 UNI5740 | 5 | |
| 25 | 1111010068000 | | TUBO FERMARUOTA | 1 | TUBO Ø 30x2 mm |
| 24 | 1111030185000 | | ALI DI PROTEZIONE MAX-504 | 2 | LAMIERA SP.25/10 S235 |
| 23 | 1111030001105 | P010098100 | SOTTOSCRITTA MAX 516 | 1 | LAMIERA SP.10/10 S235 |
| 22 | 1111030001104 | P010098200 | SOVRASCRITTA MAX 516 DA RIVETTARE | 1 | LAMIERA S.P. 20/10 S235 |
| 21 | 4121110000100 | P040010000 | CARTER POSTERIORE SOLLEVATORE | 1 | PLASTICA NERA |
| 20 | 1111030080400 | P010057000 | SOTTOSCRITTA LOGO B-L SU BASE | 2 | LAMIERA S.P.10/10 S235 |
| 19 | 1111030089902 | P010087000 | LAMIERA RAMPA CON LOGO B-L C-756 | 1 | LAMIERA S.P.30/10 S235 |
| 18 | 4123100044400 | P040004800 | RUOTA GAMBE SUPERIORI | 2 | PVC NERO 050 |
| 17 | 1111030870001 | P010084301 | SICURA PER MAX 504 E MAXGATE 504 | 1 | LAMIERA S.P.80/10 S235 |
| 16 | 1111030688700 | P010051800 | ATTACCO SICURA PER PERNO GAMBE D.20 | 2 | LAMIERA S.P.50/10 S235 |
| 15 | 4123100031000 | P040003500 | RUOTA IN PVC INFERIORE RACING-400 | 2 | PVC NERO 050 |
| 14 | 1111030886504 | P010015301 | SUPPORTO MOTORE BASAMENTO | 1 | LAMIERA S.P.25/10 S235 |
| 13 | 4123100025000 | P030305000 | SPESSORE BASSO BASE | 2 | PVC NERO Ø 20 mm |
| 12 | 1111020018010 | P030303000 | PERNO CENTRALE GAMBE 756 | 2 | TONDO Ø 25 mm |
| 11 | 1111020019000 | P030303500 | PERNO SUPERIORE GAMBE RACING-400 | 4 | TONDO Ø 20 mm |
| 10 | 1111020020000 | P030303600 | PERNO INFERIORE GAMBE RACING-400 | 1 | TONDO Ø 20 mm |
| 9 | 1111030273000 | | LEVA COLLEGAMENTO FORCELLE | 1 | LAM. 60/10 S235 |
| 8 | 1111030100040 0 | | GUAINA FORCELLA LUNGA | 1 | |
| 7 | 5103010003000 | | GUAINA PICCOLA FORCELLA | 1 | |
| 6 | 5103010001000 | | FORCELLA LUNGA SICURA | 1 | |
| 5 | 5103010002000 | | FORCELLA PICCOLA SICURA | 1 | |
| 4 | 1111020075000 | P030303040 0 | ASTA DI SICUREZZA | 1 | TONDO Ø 8 mm |
| 3 | 4123100024000 | P030305100 | SPESSORE ALTO PIANALE | 2 | PVC NERO Ø 20 mm |
| 2 | 1122990073000 | G010012300 | ASSIEME SALD. GAMBA EST. MAX-516 | 1 | |
| 1 | 1122990072000 | G010012200 | ASSIEME SALD. GAMBA INT. MAX-516 | 1 | |
| EL. | CODICE | DISEGNO | DESCRIZIONE | QTA | MATERIALE |

| | | | | |
|---|---|---|---|---|
| 00 | | | | |
| REV. | DATA | MODIFICA | | FIRMA |

DENOMINAZIONE: MAX. 516

ASSIEME

MATERIALE

Kg 139,04

Bike-Lift EUROPE S.r.l.

TOLLERANZE NON INDICATE: H13- h13 SCOST. AMMESSO SUGLI ANGOLI a 10'

TRATTAMENTO

VERNICIATURA

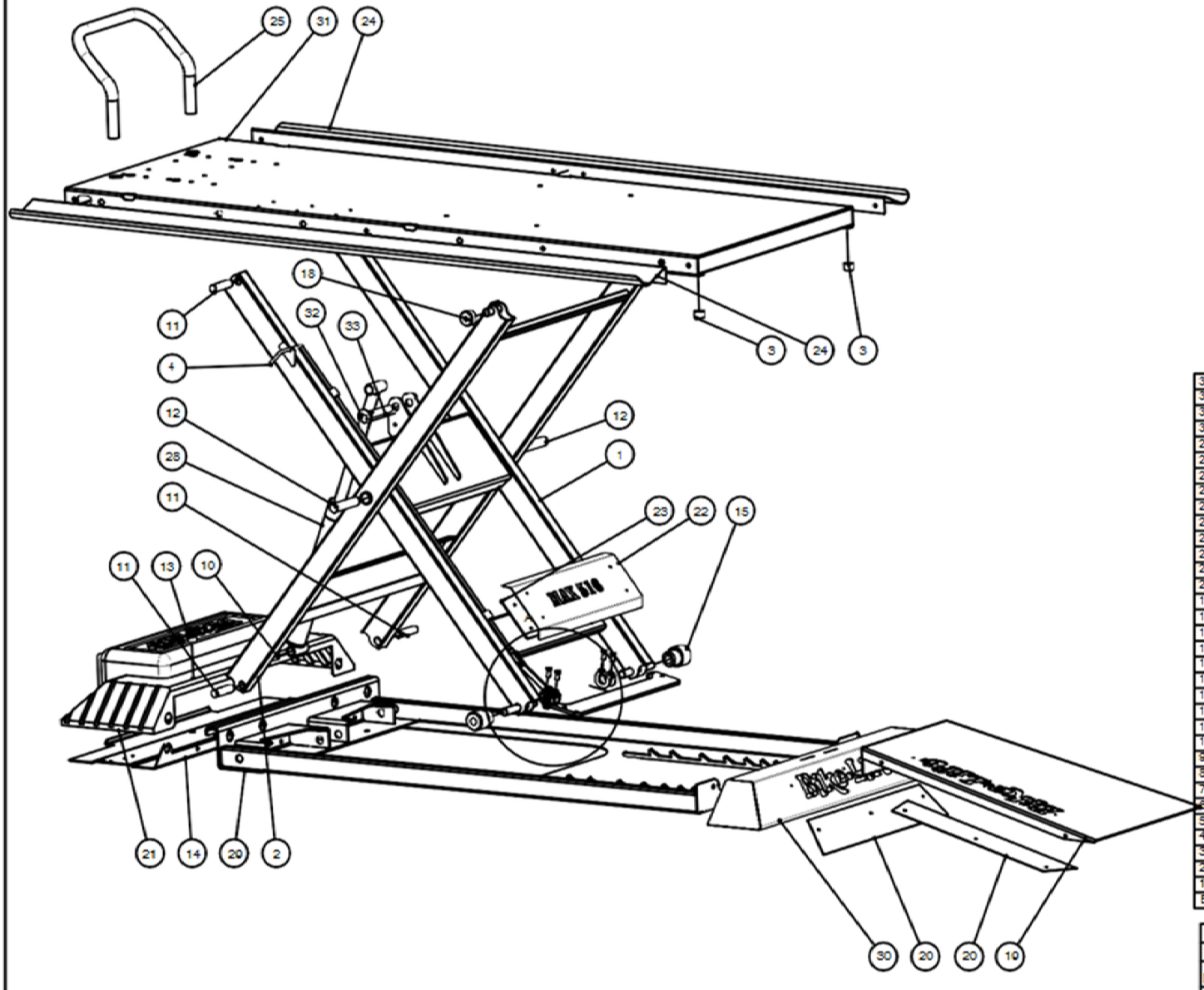
FORMATO: A2 | SCALA: 1:8.5 | DATA: 27/04/17 | DISEGNO N.: C020003000



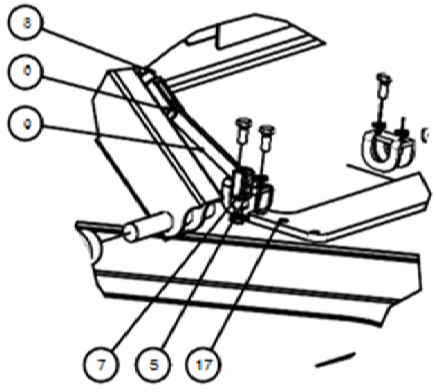
CONTROLLATO DA

DISEGNATO DA: Filippo B.

CODICE N.




A ( 1 : 4 )




| EL. | CODICE | DISEGNO | DESCRIZIONE | QTA | MATERIALE |
|---|---|---|---|---|---|
| 33 | 1111102015601 | P030023600 | PERNO UNIVERSALE ALTO CILINDRO | 1 | TONDO TRAF.Ø 20 mm |
| 32 | 1111031001101 | P010099500 | BLOCCO PERNO ALTO CILINDRO | 1 | LAMIERA SP.30/10 S235 |
| 31 | 1122990085000 | G010017600 | ASSIEME PIANALE MAX-516 | 1 | |
| 30 | 1122990190000 | G010019000 | ASSIEME LAMIERA FRONTALE BIKE | 1 | |
| 29 | 1122990113000 | G010021000 | ASSIEME SALD. BASAMENTO MAX-516 | 1 | |
| 28 | 6205000004400 | A100004600 | PISTONE MAX-516 | 1 | |
| 27 | UNI 6592V,M8 | UNI 6592V,M8 | Rosetta M8 UNI 6592V | 5 | |
| 26 | UNI 5740,M8x1,20 | UNI 5740,M8x1,20 | VITE M8x1x 20 UNI5740 | 5 | |
| 25 | 1111010096800 | | TUBO FERMARUOTA | 1 | TUBO Ø 30x2 mm |
| 24 | 1111030185000 | | ALI DI PROTEZIONE MAX-504 | 2 | LAMIERA SP.25/10 S235 |
| 23 | 1111030001105 | P010098100 | SOTTOSCRITTA MAX 516 | 1 | LAMIERA SP.10/10 S235 |
| 22 | 1111030001104 | P010098200 | SOVRASCRITTA MAX 516 DA RIVETTARE | 1 | LAMIERA SP.20/10 S235 |
| 21 | 4121110000100 | P040010000 | CARTER POSTERIORE SOLLEVATORE | 1 | PLASTICA NERA |
| 20 | 1111030080400 | P010057000 | SOTTOSCRITTA LOGO B-L SU BASE | 2 | LAMIERA SP.10/10 S235 |
| 19 | 1111030089902 | P010087000 | LAMIERA RAMPA CON LOGO B-L C-756 | 1 | LAMIERA SP.30/10 S235 |
| 18 | 4123100004400 | P040004600 | RUOTA GAMBE SUPERIORI | 2 | PVC NERO 050 |
| 17 | 1111030870001 | P010084301 | SICURA PER MAX 504 E MAXGATE 504 | 1 | LAMIERA SP.80/10 S235 |
| 16 | 1111030688700 | P010051800 | ATTACCO SICURA PER PERNO GAMBE D.20 | 2 | LAMIERA SP.50/10 S235 |
| 15 | 4123100003100 | P040003500 | RUOTA IN PVC INFERIORE RACING-400 | 2 | PVC NERO 050 |
| 14 | 1111030686504 | P010015301 | SUPPORTO MOTORE BASAMENTO | 1 | LAMIERA SP.25/10 S235 |
| 13 | 4123100025000 | P030305000 | SPESSORE BASSO BASE | 2 | PVC NERO Ø 20 mm |
| 12 | 1111020018101 | P030030300 | PERNO CENTRALE GAMBE 756 | 2 | TONDO Ø 25 mm |
| 11 | 1111020019001 | P030303500 | PERNO SUPERIORE GAMBE RACING-400 | 4 | TONDO Ø 20 mm |
| 10 | 1111020020001 | P030303600 | PERNO INFERIORE GAMBE RACING-400 | 1 | TONDO Ø 20 mm |
| 9 | 1111030273000 | | LEVA COLLEGAMENTO FORCELLE | 1 | LAM.60/10 S235 |
| 8 | 1111030100040 0 | | GUAINA FORCELLA LUNGA | 1 | |
| 7 | 5103010003000 | | GUAINA PICCOLA FORCELLA | 1 | |
| 6 | 5103010001000 | | FORCELLA LUNGA SICURA | 1 | |
| 5 | 5103010002000 | | FORCELLA PICCOLA SICURA | 1 | |
| 4 | 1111020075000 | P030303040 0 | ASTA DI SICUREZZA | 1 | TONDO Ø 8 mm |
| 3 | 4123100024000 | P030305100 | SPESSORE ALTO PIANALE | 2 | PVC NERO Ø 20 mm |
| 2 | 1122990073000 | G010012300 | ASSIEME SALD. GAMBA EST. MAX-516 | 1 | |
| 1 | 1122990072000 | G010012200 | ASSIEME SALD. GAMBA INT. MAX-516 | 1 | |

| REV. | DATA | MODIFICA | FIRMA |
|---|---|---|---|
| 00 | | | |

DENOMINAZIONE: MAX 516

ASSIEME

Bike-Lift EUROPE S.r.l.

MATERIALE

Kg 139,04

TOLLERANZE NON INDICATE H13- H3 SCOST. AMMESSO SU QUALSIASI QUOTA 1/2°

TRATTAMENTO

VERNICIATURA

SCALA: A2 | 1:8,5 | DT: 27/04/17 | DISEGNO N.: C020003000



CONTROLLATO DA

DISEGNATO DA: Filippo B.

CODICE N.

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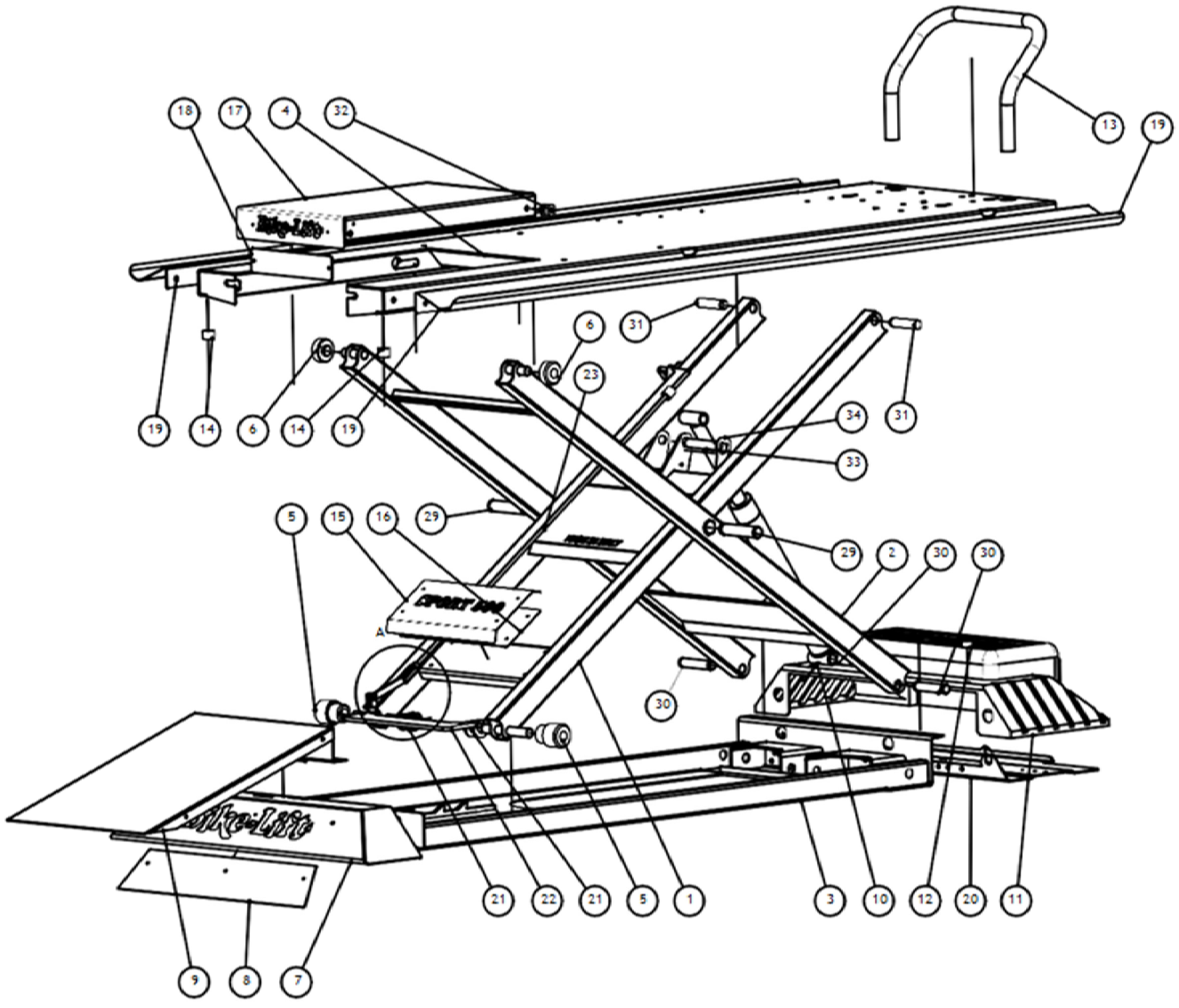


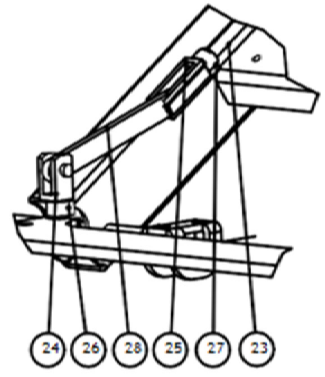


| EL. | CODICE | DISEGNO | DESCRIZIONE | QTA | MATERIALE |
|---|---|---|---|---|---|
| 34 | 1111031001101 | P0100995 00 | BLOCCO PERNO ALTO CILINDRO | 1 | LAMIERA 30/10 S235 |
| 33 | 1111020156 01 | P0300256 00 | PERNO UNIVERSALE ALTO CILINDRO | 1 | TONDO TRAF. Ø20 mm |
| 32 | 1111020194 50 | P0300198 00 | PERNO ROTAZIONE GATE | 2 | TONDO 25 C40 |
| 31 | 1111020019 00 | P0300335 00 | PERNO SUPERIORE GAMBE RACING-400 | 4 | TONDO Ø20 mm |
| 30 | 1111020020 00 | P0300336 00 | PERNO INFERIORE GAMBE RACING-400 | 3 | TONDO Ø20 mm |
| 29 | 1111020018 01 | P0300305 00 | PERNO CENTRALE GAMBE 756 | 4 | TONDO Ø25 mm |
| 28 | 1111030273 00 | | LEVA COLLEGAMENTO FORCELLE | 1 | LAM. 60/10 S235 |
| 27 | 1111030100 0400 | | GUAINA FORCELLA LUNGA | 1 | |
| 26 | 5103010000 300 | | GUAINA PICCOLA FORCELLA | 1 | |
| 25 | 5103010000 100 | | FORCELLA LUNGA SICURA | 1 | |
| 24 | 5103010002 000 | | FORCELLA PICCOLA SICURA | 1 | |
| 23 | 1111020075 00 | P0300304 00 | ASTA DI SICUREZZA | 1 | TONDO Ø8 mm |
| 22 | 1111030925 01 | P0100720 01 | SICURA PER SPORT 504 E RACING 400 | 1 | LAMIERA SP.80/10 S235 |
| 21 | 1111030687 00 | P0100518 00 | ATTACCO SICURA PER PERNO GAMBE Ø20 | 2 | LAMIERA SP.50/10 S235 |
| 20 | 1111030735 02 | P0100171 00 | SUPPORTO MOTORE BASAMENTO SPORT | 1 | LAMIERA SP.25/10 S235 |
| 19 | 1111030185 00 | | ALI DI PROTEZIONE MAX-504 | 2 | LAMIERA SP.25/10 S235 |
| 18 | 1111030967 01 | P0100786 00 | SOTTOSCRITTA BIKE GATE | 1 | LAMIERA SP.10/10 S235 |
| 17 | 1111030846 00 | P0100499 00 | LAMIERA GATE CG-756 MG-504 | 1 | LAMIERA SP.30/10 S235 |
| 16 | 1111031117 00 | P0101129 00 | SOTTOSCRITTA GAMBA INTERNA SPORT | 1 | LAMIERA SP.20/10 S235 |
| 15 | 1111031118 00 | P0101128 00 | SOVRESCRITTA SPORT 500 DA RIVETTARE | 1 | LAMIERA SP.20/10 S235 |
| 14 | 4123100024 00 | P0300351 00 | SPESSORE ALTO PIANALE | 2 | PVC NERO Ø20 mm |
| 13 | 1111010066 00 | | TUBO PERMAKUOTA | 1 | TUBO Ø30x2 mm |
| 12 | 4123100025 00 | P0300350 00 | SPESSORE BASSO BASE | 4 | PVC NERO Ø20 mm |
| 11 | 4121100003 00 | | CARTER POSTERIORE SOLLEVATORE | 1 | PLASTICA NERA |
| 10 | 6205000001 100 | A0100078 00 | CILINDRO RACING-SPORT | 1 | |
| 9 | 1111030926 00 | P0100714 00 | RAMPA SALITA MAX 504- SPORT 504- R400 | 1 | LAM. 25/10 S235 |
| 8 | 1111030804 00 | P0100570 00 | SOTTOSCRITTA LOGO B-L SU BASE | 1 | LAMIERA SP.10/10 S235 |
| 7 | 1122990108 00 | G0100204 00 | ASSIEME SALD. LAMIERA FRONTALE SPORT-RACING | 1 | |
| 6 | 4123100034 00 | P0400036 00 | RUOTA IN PVC SUPERIORE RACING-400 | 2 | PVC NERO Ø50 mm |
| 5 | 4123100035 00 | P0400035 00 | RUOTA IN PVC INFERIORE RACING-400 | 2 | PVC NERO Ø50 mm |
| 4 | 1122990066 00 | G0100131 00 | ASSIEME SALD. PIANALE SPORT GATE 504 | 1 | |
| 3 | 1122990107 00 | G0100203 00 | ASSIEME SALD. BASAMENTO SPORT-RACING | 1 | |
| 2 | 1122990106 00 | G0100202 00 | ASSIEME SALD. GAMBA EST. SPORT | 1 | |
| 1 | 1122990105 00 | G0100201 00 | ASSIEME SALD. GAMBA INT. SPORT | 1 | |

| REV. | DATA | MODIFICA | FIRMA |
|---|---|---|---|
| 0 | | | |

DENOMINAZIONE: SPORT 500

ASSIEME:

Bike-Lift EUROPE S.r.l.

MATERIALE:

Kg 119,04

TOLLERANZE NON INDICATE H13-h13 SCOST. AMMESSO SUGLI ANGOLI ± 10'

TRATTAMENTO:

VERNICIATURA:



FORMATO: A2 | SCALA: 1:7,5 | DATA: 06/01/17 | DISEGNO N.: C0200001900

CONTROLLATO DA:

DISEGNATO DA: CODICE N.: FILIPPO B.