

**USER AND MAINTENANCE MANUAL**

**Elevator Stand Lift**

**MOD. Elevator Stand Bike – CODE** **0023860.090**



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# Section 1

**Definitions**

**Declaration of Conformity**

**Annex Documents**

**Manufacturer Identification Data**

**Document Information**

## DECLARATION OF CONFORMITY

The machine is accompanied at the time of sale by a Declaration of Conformity (see attached ***Documents***) drawn up in accordance with the laws in force in the European territory.

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| **flag.png** | **NOTE** |  |
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| *CHECK THAT THE DECLARATION OF CONFORMITY IS PRESENT BEFORE USING THE MACHINE IN ANY MANNER.* |
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| **flag.png** | **NOTE** |  |
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| *IF THE MACHINE IS TRANSFERRED TO A THIRD PARTY, ALL DOCUMENTATION MUST BE DELIVERED TO THE SUBSEQUENT USER.* |
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## ANNEX DOCUMENTS

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| *CHECK THAT ALL THE ANNEX DOCUMENTS ARE ATTACHED BEFORE USING THE MACHINE.* |
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| **flag.png** | **NOTE** |  |
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| *IF THE MACHINE IS TRANSFERRED TO A THIRD PARTY, ALL DOCUMENTATION MUST BE DELIVERED TO THE FUTURE USER.* |
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### Documents

The documents accompanying the machine in addition to this manual consist in:

* Declaration of Conformity
* Instruction Handbook

## ACKNOWLEDGEMENTS

Dear Customer,

First of all, we would like to congratulate you on your choice of product and thank you sincerely for the confidence shown. This trust and confidence is well placed, given that the exceptionally high level of technology and the quality of the materials ensure the perfect operation of the machine you have purchased.

Our Company also allows us to deliver continuous and articulated support and maintenance services.

Please read the user and maintenance manual carefully and follow all relative instructions in order to achieve maximum results in terms of safety and durability of the machine in the long term.

It also provides a list of all the procedures required to deal with any reasonably foreseeable emergency situations that may occur during use.

## IDENTIFICATION DATA OF THE MANUFACTURER

|  |  |
| --- | --- |
| Company name | Acerbis Italia S.p.a. |
| Registered office | via Serio, 37 – 24021 – Albino (BG) |
| VAT number | 00862020161 |
| PEC | acerbis@pec.acerbis.it  |
| Office Tel. | +39-035758245 |
| Email: | info@acerbis.it  |
| Website | [acerbis.com/motorsport/it](https://www.acerbis.com/motorsport/it) |

## AUTHORISED TECHNICAL SUPPORT

**Product technical support can only be provided by the manufacturer or by a technician appointed by the same.**

## PRESENTATION OF THE MANUAL

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| *UPON RECEIVING THE MACHINE, READ THE USER AND MAINTENANCE OPERATOR'S MANUALS CAREFULLY BEFORE COMMENCING ANY OPERATIONS.* |
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The manual consists of several sections, each of which covers a series of topics and is divided into chapters and paragraphs. The General Contents list all the topics covered throughout the manual.

The page numbering is progressive and the page number is indicated on each page. This manual is intended for use by personnel assigned to the use and maintenance of the **machine** and refers to its technical life after its manufacturing, use and sale where appropriate.

If the machine is subsequently sold to a third party for whatever reason (sale, loan or any other purpose), the **machine** must be supplied complete with all the documentation.

The information contained in this manual is not intended to and cannot replace the knowledge and experience of the user, who remains the sole person responsible for the use for which the **machine** was designed.

Before commencing any operation on any unit, operators must have read the entire manual and obtained further insights to the operations they intend to perform.

This manual contains confidential proprietary information and can not, wholly or partially, be disclosed to any third parties for whatever use and/or purpose, without the prior written consent of **Acerbis Italia S.p.A.**.

The manufacturer declares that the information contained in this manual agrees with the technical and safety specifications of the machine to which the manual refers.

**A certified copy of this manual is filed in the machine’s technical dossier stored at the registered office of Acerbis Italia S.p.A..**

**Acerbis Italia S.p.A.** shall not acknowledge any documentation that has not been produced, released or distributed by itself or its authorised representative.

This manual, together with the entire technical dossier shall be retained by the manufacturer for the period required by law.

During this period, a copy of the documents accompanying the product may be requested at the time of sale.

The entire technical dossier shall remain available for the period exclusively to the control authorities, who may request a copy.

When this period has lapsed, the person handling the product will be responsible for ensuring that both the product and the documentation comply with the laws in force at the time of inspection.

### Conventions

In order to gain a more immediate understanding of the topics, the following graphical and typographical signs and conventions have been adopted in the manual.

#### Warning graphical conventions

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| **flag.png** | **NOTE** |
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| *NOTES CONTAIN IMPORTANT INFORMATION, HIGHLIGHTED OUTSIDE THE TEXT BOX TO WHICH THEY REFER.*  |
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| **MANO.png** | **WARNING** |
|
| *WARNING INFORMATION HIGHLIGHTS THOSE PROCEDURES WHOSE COMPLETE OR PARTIAL FAILURE TO COMPLY COULD CAUSE DAMAGE TO THE MACHINE, ITS EQUIPMENT AND CAN ALSO EXPOSE AN OPERATOR/USER to DANGERS OF A MINOR OR MEDIUM LEVEL.* |
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| **PUNTOESCLAMAT.png** | **DANGER** |
|
| *THE DANGER WARNINGS CONTAIN PRESCRIPTIONS WHOSE TOTAL OR PARTIAL OBSERVATION FAILURE COULD CAUSE SERIOUS INJURIES OR DAMAGE TO THE HEALTH OF THE OPERATOR/USER AND OTHERS IN THE VICINITY. SERIOUS DAMAGE TO THE MACHINE.* |
|  |

### Pictograms

The machine uses the following pictograms:

#### Hazards

|  |  |  |
| --- | --- | --- |
| Immagine che contiene clipart  Descrizione generata automaticamente |  |  |
| WARNING: Read the use and maintenance manual carefully before using the machine |  Hand and Foot crush hazard |  |

#### Obligations

|  |  |  |
| --- | --- | --- |
| Immagine che contiene Elementi grafici, clipart, design  Descrizione generata automaticamente |  |  |
| Read the use and maintenance manual carefully before using the machine |   |  |

|  |  |
| --- | --- |
| Immagine che contiene clipart  Descrizione generata automaticamente | **WARNING!**Pictograms that act as a safety function must not be removed, covered or damaged. |



# Section 2

**Warranty**

**General safety regulations**

**General device and technical data**

**Intended and unintended use**

**Residual risks**

## WARRANTY

The warranty terms and conditions, which are listed in full in the purchase contract, are only valid if the **machine** is used pursuant to the conditions of its intended use. Except for the routine and extraordinary maintenance operations described in the **MAINTENANCE sect.** and performed according to the procedures indicated therein, any repairs or modification made to the machine by the user or by unauthorised service providers will invalidate the warranty.

The warranty does not cover damage caused by the inexperience or negligence of machine operators, or poor or lack of maintenance.

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| The products we deliver are covered by a warranty having the following terms and conditions: |
| *1* | *The warranty is valid for a period of twelve/twenty-four (12/24) months depending on the type of purchaser.* |
| *2* | 1. *The manufacturer undertakes to replace, at its own discretion, malfunctioning or incorrectly manufactured parts only after thorough inspection and evidence of sub-standard construction.*
 |
| *3* | 1. *The transport and/or dispatch costs are always charged to the purchaser in cases of incorrect application of the warranty conditions.*
 |
| *4* | 1. *During the warranty period, the replaced parts become the property of the manufacturer.*
 |
| *5* | *Only the original purchaser who has complied with the routine maintenance instructions envisaged by this manual can benefit from this warranty. Our warranty liability expires when: the original owner assigns the ownership of the machine to other, or changes have been made to the machine.* |
| *6* | *The warranty does not cover damage resulting from excessive stress such as, for instance, use of the machine after a malfunction has been detected, use of inappropriate operating methods, or failure to observe the operating and maintenance instructions.* |
| *7* | 1. *The manufacturer declines all liability for any difficulties arising pursuant to the sale or use abroad of the machine, due to provisions in force in the country in which the same was sold.*
 |
| *8* | 1. *The machine or faulty part of the machine shall be delivered to the manufacturer for replacement; in other cases the replaced part will be charged to the purchaser.*
 |
| *9* | *The machine must be sent to the manufacturer for repair or replacement or to a repair centre, authorised by the manufacturer, otherwise the warranty shall not be deemed valid.* |

***Notice****: should you need to use the warranty service, please provide the following details and complete the technical support form:*

|  |  |
| --- | --- |
| *1* | *Type* |
| *2* | *Date of purchase (submission of the purchase document)* |
| *3* | *Detailed description of the problem* |

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| **flag.png** | **NOTE** |  |
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| *FAILURE TO COMPLY WITH THE PROCEDURES IN RELATION TO THE OPERATION AND USE OF THE MACHINE AND ENVISAGED IN ITS DOCUMENTATION SHALL INVALIDATE THE WARRANTY TERMS.* |
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The warranty does not cover machine downtimes, stoppage etc.

## WARNING

Check that all the items listed in the **ANNEX DOCUMENTS** chapter are present, immediately notifying the lack or illegibility of even part of the documents to the person responsible for the technical dossier.

If any parts of the documentation are missing or only partially illegible, discuss the matter with the manufacturer before performing any further operations on the **machine**.

All personnel assigned to the operation and maintenance of the machine must read this manual, paying particular attention to the general safety regulations and procedures contained in the sections relating to the operations they are assigned to.

This chapter describes the general safety regulations that must be observed during any operation carried out on the **machine**. The intervention procedures described in the following chapters must be carried out in accordance with both the specified procedures and the general safety regulations envisaged in this chapter.

**Safety regulations and operating and maintenance procedures are supplementary to the general occupational safety regulations in force.**

Different industries or countries can adopt different safety regulations. It should be noted, therefore, that in all cases where the regulations envisaged by the manuals are in conflict with or are less restrictive than the regulations envisaged by the industrial sector or country in which the **machine** is used, the industrial sector or country regulations shall prevail over those envisaged by the manuals.

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| **flag.png** | **NOTE** |  |
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| *UNDER NO CIRCUMSTANCES SHALL THE MANUFACTURER BE DEEMED LIABLE FOR ANY ACCIDENTS OR DAMAGE RESULTING FROM THE USE OR IMPROPER USE OF THE MACHINE BY PERSONNEL LACKING DUE TRAINING, OR THEIR FAILURE TO COMPLY WITH ALL OR EVEN PART OF THE SAFETY REGULATIONS AND PROCEDURES DESCRIBED IN THE MANUALS.* |
|  |

Failure to comply with the operating regulations and procedures contained in this manual will also invalidate the warranty terms.

### Overview

The main purpose of this manual is to provide information to the operator, in a simple and gradual manner, concerning accident prevention regulations and the rules of conduct that are the cornerstones necessary to ensure a correct and safe use of the machine, whilst preventing, to the extent possible, the occurrence of accidents.

The legal provisions are summarised briefly so as to keep the structure of the handbook more manageable, but they still provide excellent reference points for those wanting to find out more about this subject. With the entry into force of the Machinery Directive - Legislative Decree no. 626 of 19/09/1994 as amended (81/08), the legislator introduced the principle that all special equipment can only be used by operators who have received adequate and specific training. This training must ensure that the machine is used correctly, in relation to the risks that can be caused to oneself or other individuals. Therefore, this machine can only be used by duly trained and authorised personnel.

### Safety regulations

When using the **machine**, situations may occur involving operations not envisaged in the manual. These situations, which are completely abnormal, can sometimes be caused by environmental factors or by accidental failures not foreseeable by the manufacturer.

If you consider it necessary to carry out a procedure or an intervention which is not envisaged in this manual, we recommend you consult the Manufacturer beforehand to verify relative feasibility.

The manual shall be kept by the operators assigned to the tasks of managing, operating and maintaining the **machine**. In the event of deterioration or loss, the customer can request a copy from the manufacturer's internal safety service; we recommend you keep a copy in a safe place where it cannot get damaged or lost.

**To prevent dangerous situations from occurring, all operators must read the machine documentation carefully, making sure that they understand how to use and operate it before starting the initial procedures.**

## GENERAL DESCRIPTION

The machine referred to in this technical dossier is a hydraulic stand for lifting, supporting and holding enduro/cross bikes in a vertical position. The main features are:

* Steel structure with hydraulic piston, installed to decelerate the descending phase of the stand.
* Rubberised upper surface, adjustable in height, that can be adapted to suit most off-road bikes, including minicross models.
* “HOOK” safety system to prevent the bike from falling off accidentally.
* Maximum stand height in the unextended position: 370mm

## TECHNICAL DATA

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| --- |
| **MECHANICAL DATA** |
| **Description** | **M.U.** | **Values** |
| Dimensions:  | mm | 300 x 320 x 370 |
| Weight | kg | 6.1 |
| Main materials |  | Structure: steelBoard cover: rubber |
| **OTHER INFORMATION** |
| Max user weight | kg | 130 |
| Stand height when fully raised | cm | from 33 a 46 |
| Stand height when fully lowered | cm | from 23.5 a 36 |

### Identification plate

The machine bears the manufacturer’s identification plate which provides the product ID info and main technical data.

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| **MANO.png** | **WARNING** |  |
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| *IN ORDER TO SAFEGUARD THE INTEGRITY OF ALL MACHINE COMPONENTS, IT IS ESSENTIAL TO OBSERVE THE TECHNICAL DATA INDICATED ON THE RATING PLATE.*  |
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The machine's rating plate contains the following information:

### Fixed guards

All dangerous moving parts are protected by suitable fixed guards.

Fixed guards shall be fitted using systems that can only be opened or removed using specific tools. Their fixing systems must remain connected to the guards or to the machinery when the guards are removed. Guards shall not remain in place without their fixing elements.

## INTENDED USE AND UNINTENDED USE OF THE MACHINE

### Intended use

* The machine is designed for use in both private and professional contexts as a mechanical system to lift, support and hold enduro/cross bikes in a vertical position.
* Only use the stand on flat, hard, level and non-slippery surfaces, ensuring that the stand rests correctly on the ground.
* Make sure to position the bike on the stand so that it is stable and balanced before starting any operations on the bike.
* Hold the bike while operating, and lifting and lowering the stand.
* Make sure that there are no objects or persons in the operating area while the stand is being used to prevent the motorcycle from accidentally falling and causing damage to third parties.

### Improper and unintended use

No uses are envisaged other than those described in the **INTENDED USE** section.

It is also strictly forbidden:

* To use the machine or any parts thereof for purposes other than those envisaged as its intended use.
* To have machine parts and components replaced by any parties without due authorisation of **Acerbis Italia S.p.A.**
* To tamper with/ modify the machine.
* To use the machine with accessories that are not supported.
* To allow the machine to be used by minors or unqualified personnel.
* To load more than the maximum supported weight on the machine ( 130 kg ).
* To touch the piston or any other parts of the stand while operating with one's foot on the lever.
* To use it to lift persons.
* To climb onto the bike once it is on the stand;

It is strictly forbidden to approach the operating range of the machine during processing phases.

The reuse of any part of the machine after decommissioning relieves the manufacturer of all and any liability arising from its use.

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| **flag.png** | **NOTE** |  |
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| *UNDER NO CIRCUMSTANCES SHALL THE MANUFACTURER BE DEEMED LIABLE FOR ACCIDENTS OR DAMAGE RESULTING FROM UNFORESEEN AND IMPROPER USE OF THE MACHINE.*  |
|  |

## RESIDUAL RISKS

Personal protective equipment (PPE) must be worn when performing maintenance operations on the **machine**, such as:

- **Clothing**:

Suitable for providing protection against minor mechanical impacts.

- **Gloves**:

Suitable for protecting the hands against moving mechanical parts, and materials with burrs and hazardous edges.

- **Safety footwear**:

They shall be worn in all jobs where there is a risk of a potentially dangerous fall of a generic part, where there is a risk of the foot being cut or crushed.

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| Immagine che contiene clipart  Descrizione generata automaticamente |  |  |

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| **PUNTOESCLAMAT.png** | **DANGER** |  |
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| *ACCESS TO CLOSED, PROTECTED OR INTERNAL PARTS OF THE MACHINE SHALL ONLY BE CARRIED OUT DURING EXTRAORDINARY MAINTENANCE OPERATIONS BY PERSONNEL AUTHORISED BY THE MANUFACTURER.* |
|  |

**Beware:**

**Important:**

* Do not modify any components of the product.
* Never stretch out your hands or hand-held objects in areas with moving parts.
* Never use the machine if you are tired or if you are under the influence of alcohol, drugs or medications that affect your vision, judgement or coordination.
* Maintenance shall be performed only and exclusively according to the instructions provided in the manual.
* The machine is not a toy and children should never be allowed to access it.
* Check the installation and settings of the machine before starting to use it in any manner.
* Never refrain from using PPE during machine maintenance operations.
* NEVER exceed the load limit and NEVER use it to lift persons.

Given the specific function of the machine, residual risks are present in certain areas of the machine that it has not been possible to eliminate at the design stage or confine behind guards. Residual risks present on the machine are indicated by the relative safety warning pictograms.

**BEWARE!** Under no circumstances should the original version of the machinery be modified without the approval of the manufacturer. Always use genuine spare parts. Unauthorised modifications and/or accessories may cause serious or fatal injury to the operator or to third parties.

**BEWARE!** The machine can become a dangerous tool, which can cause serious injury, if used in a way not intended in the instructions for use. It is extremely important to read and fully comprehend the contents of this instruction manual.

**IMPORTANT!**

Never modify the machine or use it if it appears to have been modified by others.

Never use a faulty machine. Follow the user and maintenance instructions provided in this manual. Certain interventions must be performed by qualified technicians only.

**Always use your common sense!**

It is impossible to predict all the situations that could arise whilst using a machine. Always be cautious and use your common sense in situations you do not believe you are sufficiently qualified to handle. If you have any doubts concerning work procedures, even after reading these instructions, seek expert advice before continuing.

Do not hesitate to contact your dealer or the manufacturer if you have any questions concerning the use of the machine. **Acerbis Italia S.p.A.** remains at your disposal to provide advice on how to best use the machine in a safer manner.

**OPERATIONS GENERATING RISKS FOR THE OPERATOR:**

Follow all general accident prevention regulations during the commissioning phases.

Solutions have already been put in place during the design and engineering phase to make it safe to use the machine during all the different phases: transport, adjustments, operations and maintenance. Despite the foregoing, not all possible risks to operators and the environment have been eliminated, both for technological (reliability of devices) and management reasons (excessive elimination difficulties), and therefore any residual risks present are indicated herein, e.g., cutting with shears, etc.

Do not place your hands, feet or other parts of the body inside a moving part of the system when the machine is operating. There is a high risk of entrapment, serious injury and crushing of a limb.



### First Aid

Make sure that a first aid kit is available in the vicinity of the work area in case of injury. Immediately replace any items removed from the first aid kit.

When requesting support, the following information is required:



* Location of the incident
* What happened
* Number of people injured
* Type of injuries
* Name and surname

#### Troubleshooting

#### Troubleshooting

|  |  |  |
| --- | --- | --- |
| **Problem** | **Cause** | **Solution** |
| The stand does not descend | Safety element engaged (HOOK System) | Disengage the safety element |
| The stand does not swivel | Height adjuster nut at the top of its stroke | Unscrew the nut |
| Lifting the bike becomes more strenuous | Mud and dirt in the lifting mechanism | Clean and lubricate the lifting mechanism |



# Section 3

**Handling**

**Preparing for use**

## HANDLING

Check the integrity of the **machine** and all its parts upon arrival. If any damage, shortcomings, deformation or signs of impact due to transport are detected, notify the manufacturer before proceeding with any further operations.

### Machine weight

The weight of the machine is indicated in the **TECHNICAL DATA** section of this manual and on the product label.

### Moving the machine

The machine must be handled and moved with all main components fully assembled , one unit at a time. The details on handling operations are illustrated in the following paragraphs.

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| **PUNTOESCLAMAT.png** | **DANGER** |  |
|  |
| *FOLLOW THE SAFETY GUIDELINES WHEN HANDLING THE MACHINE.* |
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### Manual handling

The weight of the assembled machine is indicated in this manual and on the rating plate attached to the same.

Given its weight and dimensions, the assembled machine can be moved manually. Manual lifting operations can be performed on the condition that the requirements of Legislative Decree no. 81/08 can be met relating to the maximum weight that can be lifted at the workplace. A chart with more detailed information can be seen below:

|  |
| --- |
| *Indicative values for maximum weight (in kg), frequent or occasional maintenance.* |
|  | **Men** | **Women** |
| age | Occasional | Frequent | Occasional | Frequent |
| 16 - 18 | 19 | 14 | 12 | 9 |
| 18 - 20 | 23 | 17 | 14 | 10 |
| 20 - 35 | 25 | 19 | 15 | 11 |
| 35 - 50 | 21 | 16 | 13 | 10 |
| over 50 | 16 | 12 | 10 | 7 |
|  |
| Pregnant women |
| *First 6 months of pregnancy* | 10 | 5 |
| *From 7th month onwards* | 0 | 0 |
|  |
|  |

To perform the manual handling and movement of a unit, it is sufficient for:

* each operator to grasp it firmly and securely.
* each operator to lift it taking care not to bend their back (see picture below for correct posture)



1. red= incorrect position – b) green= correct position

## POSITIONING

### Temperature

* When operating from 5°c to 40°C
* During storage temperature range: 0°C to 50°C

### Relative humidity (without condensation)

* When operating: from 0% to 99%. (do not immerse the product in water)
* During storage: 0% to 70% ±5 %.

### User areas

The **machine** positioning area must meet the following requirements:

* The surface must be flat, rigid, level and not slippery, capable of supporting the weight of the machine, plus appropriate dynamic loads (weight of the bike).
* Make sure that the stand rests correctly on the ground.
* Make sure that there are no objects or persons in the operating area while the stand is being used to prevent the motorcycle from accidentally falling and causing damage to third parties.
* The position of the machine must be chosen so that it cannot be affected by steam jets, or other corrosive liquids.
* The environment must be free from dust, corrosive gases, oils.
* Position in a place out of reach of children.

## PREPARING FOR USE

### Beware

All machines are tested and finalised by the manufacturer before being despatched and delivered to the user.

Before starting to use the **machine**, completely remove any guards and any packing materials.

Use of the machine is prohibited in the presence of explosive atmospheres.

#### Lighting conditions

The lighting system (natural and/or artificial) in the area where the **machine** will be used shall guarantee the following minimum lighting values: 200 lux.

### Preparing for use





# Section 4

**Use**

## USING THE MACHINE

### Beware

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| **MANO.png** | **WARNING** |  |
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| *THE MANUFACTURER SHALL NOT BE LIABLE FOR DAMAGE TO OPERATORS AS A RESULT OF THEM USING THE MACHINE IN A MANNER OTHER THAN WHAT INDICATED IN THE MANUALS.* |
|  |  |

Do not place your hands, feet or other parts of the body inside a moving part of the machine when it is operating. There is a high risk of crushing of a limb.

 

* Only use the machine in good lighting conditions.
* Do not use this machine while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating this machine may result in serious personal injury.
* Always keep the machine operating area clean and tidy.
* Ensure that routine maintenance is carried out on this machine. Many accidents are caused by poorly maintained machines.
* Check the machine for loose parts (bolts, nuts, housings, etc.) and damage. Tighten, repair or replace parts that are in poor condition. Do not use the machine if it is damaged or has incorrect settings.

### User procedure

* Only position the stand on flat, hard, level and non-slippery surfaces, ensuring that the stand rests correctly on the ground.
* Make sure that there are no objects or persons in the operating area while the stand is being used to prevent the motorcycle from accidentally falling and causing damage to third parties.
* Adjust the height of the rubberised surface, using the ring nut provided, so that it is lower than the minimum height of the bike chassis.
* When the desired height is reached, lower the yellow locknut as far as the base of the thread to prevent any undesired movement.
* Place the stand under the bike, aligned with the horizontal part of the frame.
* Holding the bike with your hands, push the red lever downwards, which subsequently lifts the bike.
* Once the lever is in the low position, engage the yellow safety hook to prevent undesired descent of the rubberised surface.
* To dismount the bike from the stand, first disengage the safety hook, lift the red lever and allow the hydraulic piston to decelerate the descent movement. During the descending phase, the bike handlebar must be held securely with both hands.



# Section 5

**Maintenance**

**Decommissioning**

**Disposal**

## MAINTENANCE

### Safety

|  |  |  |
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| Immagine che contiene clipart  Descrizione generata automaticamente |  |  |

Maintenance operations must only be carried out by authorised and qualified operators.

Observe the specific safety instructions to be applied to the use and maintenance of the **machine** provided in the chapter entitled **GENERAL SAFETY RULES.**

All types of interventions, including maintenance, must always be carried out with the hydraulic piston unloaded. When carrying out this procedure, follow the instructions in the operator's manual scrupulously.

For all maintenance, adjustment, disassembly and reassembly interventions etc. in addition to the information contained in this manual, the general occupational safety regulations in force at the workplace where such operations are carried out must also be observed.

### Routine maintenance

* All repairs must be carried out on the machine in an authorised service centre, using original spare parts only. Improper repair and maintenance operations can reduce the working life of the machine and increase the hazards arising from its use.
* Always remove any dust and dirt from the machine. Do not use petrol, thinners, solvents, alcohol or similar substances for cleaning purposes. Failure to do so may result in discolouration, deformation, or cracking of plastic components.
* Do not attempt to carry out maintenance or repair operations other than those described in the user instructions. Contact an authorised service centre for these operations.
* Clean the machine regularly and check that all nuts and bolts are correctly tightened.
* Lubricate the moving parts of the machine regularly and each time it is washed.

If damage to the machine is detected during cleaning activities, making it dangerous to use, you should suspend all machine operations, contact the Technical Support team or dispose of the machine.

The machine must undergo a routine visual inspection to check the condition of weldings and of all parts subjected to stress.

Check that the hydraulic piston is working properly on a regular basis.

### Extraordinary maintenance

Extraordinary maintenance is required in the event of failures or breakage due to intense use, unforeseeable accidents or inappropriate use of the **machine**.

The situations that can arise from time to time are completely unpredictable and therefore it is impossible to describe appropriate intervention procedures.

If necessary, consult the Technical Service team to receive instructions according to the situation in hand.

In any case, before commencing any extraordinary operations, always consult the manufacturer and request confirmation that the proposed solution is correct.

**All extraordinary operations must, in any case, be carried out by specialist personnel (see AUTHORISED TECH SUPPORT).**

### Storage

Store the machine in a safe area, not accessible to children, and in a manner that does not endanger any persons present. The machine should be stored in a safe, dry and clean place, at a temperature between 0°C and 50°C. We recommend storing it in a box and/or covering it with a cloth.

## DECOMMISSIONING

### Decommissioningthe machine

This **machine** is designed and built based on concepts of robustness, durability and flexibility, allowing it to be used for many years to come. Once it has reached the end of its useful lifespan, it should be decommissioned in such a manner that it cannot be used for the purposes for which it was designed and built but, nevertheless making it possible to recycle its parts and other raw materials.

### Disposal

The machine construction materials do not require any special disposal procedures. In such cases always comply with local regulations and provisions for the disposal of its materials and components. The possibility of reusing certain parts of the machine, both as mechanical units and as raw materials for other constructions, is the entire liability and responsibility of the user.

Dispose of the machine in an environmental friendly manner. Do not dispose of the machine together with household waste.

**Contact the designated waste collection centres.**

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| *THE MANUFACTURER SHALL NOT BE LIABLE UNDER ANY CIRCUMSTANCES FOR DAMAGE CAUSED BY THE MACHINE IF IT IS NOT USED IN ITS FULL VERSION AND FOR THE USES AND PROCEDURES INDICATED IN THIS MANUAL. THE MANUFACTURER SHALL NOT BE LIABLE, UNDER ANY CIRCUMSTANCES, FOR ANY DAMAGE TO PERSONS OR THINGS RESULTING FROM THE RECYCLING OF PARTS OF THE MACHINE USED AFTER ITS DISPOSAL.* |
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