

TECHNICAL INSTALLATION MANUAL

AUTOMATION FOR BARRIERS

BERTA M



WARNING!! Before installing, thoroughly read this manual that is an integral part of the pack

Our products if installed by qualified personnel capable to evaluate risks, comply with norms UNI EN 12453, EN 12445



The CE mark conforms to European directive
EEC 89/336 + 92/31 + 93/68 D.L. 04/12/1992 N. 476.

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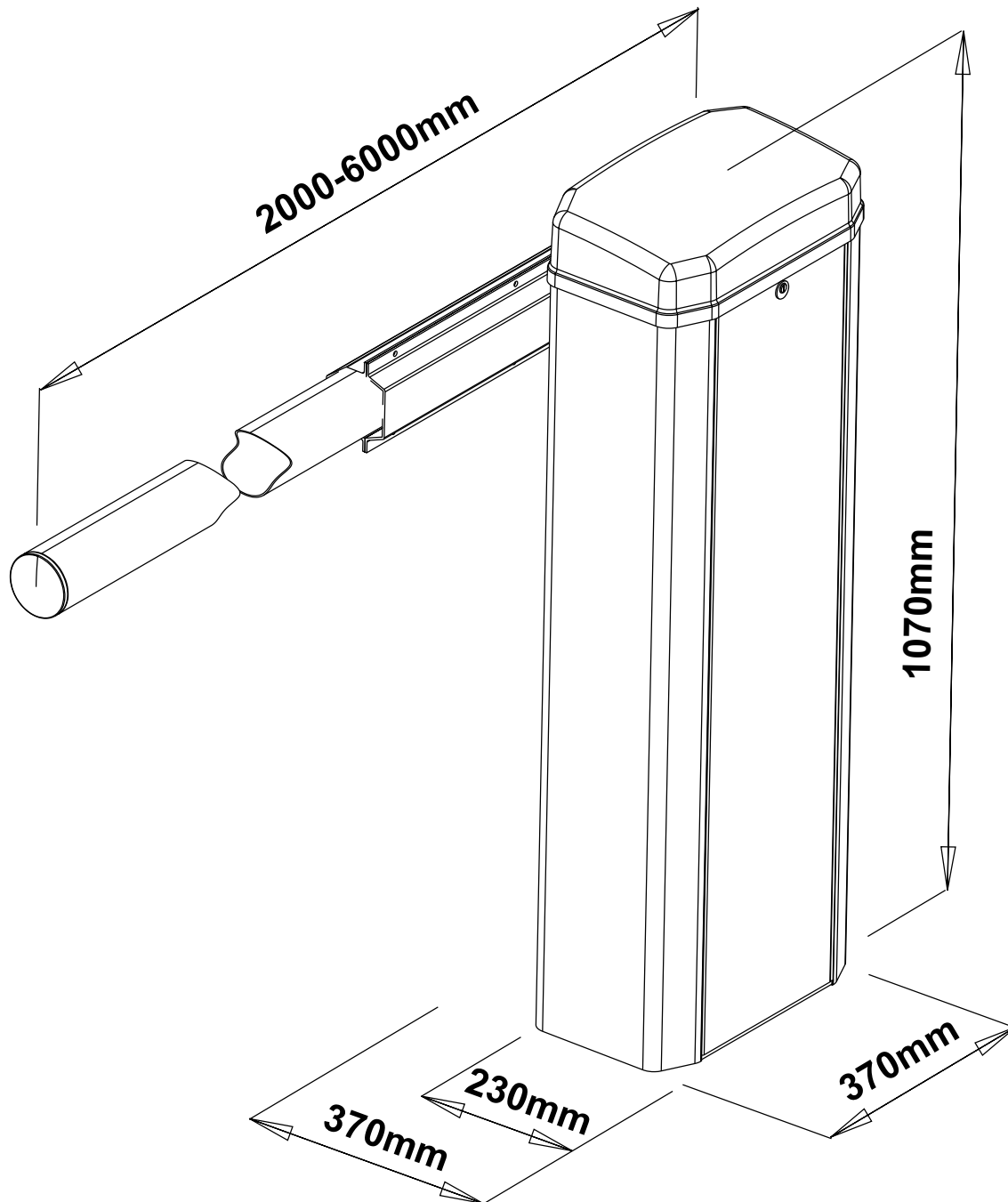
PACKING CONTENTS

1- BARRIER



1- BAR SUPPORT

DIMENSIONS



CONSIDERATIONS FOR INSTALLATION

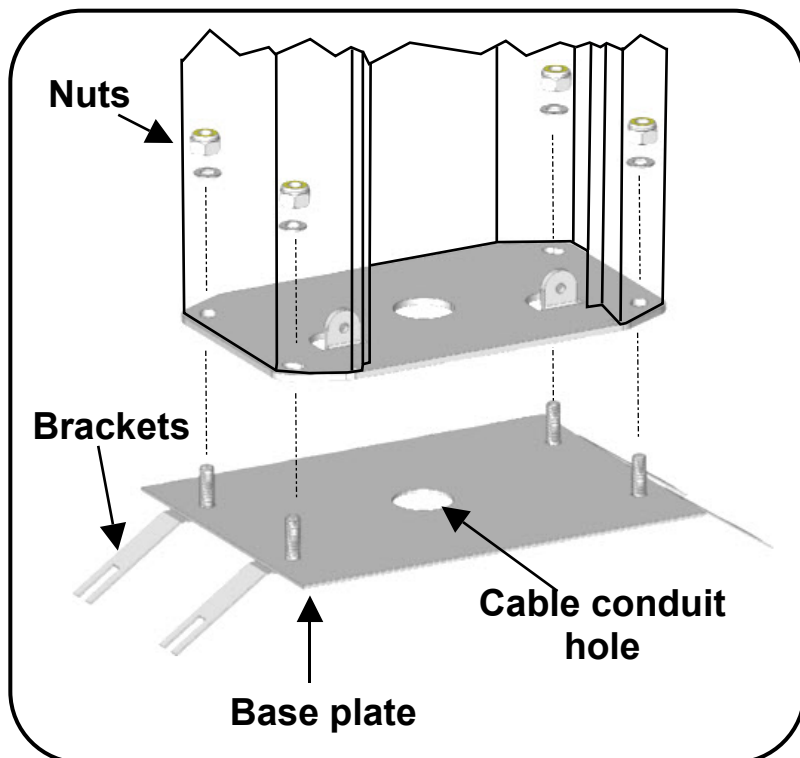
- The installation and testing operations must be performed by qualified personnel in order to guarantee the proper and safe operation of the automatic gate.
- The company declines any responsibility for damage caused by incorrect installations due to incompetence and/or negligence.

INSTALLATION

INSTALLATION WITH BASE PLATE (OPTIONAL)

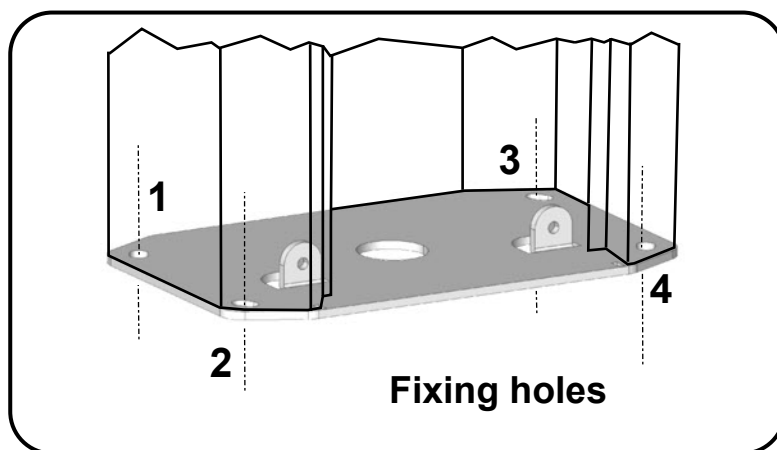
Take the floor plate and bend the brackets as needed. Dig a suitably sized hole in the ground. **Insert the electrical conduit into the cable conduit hole of the floor plate.** Level and cement the floor plate.

Place the barrier on the floor plate and fasten it with the self-locking M12 nuts supplied.



INSTALLATION WITHOUT BASE PLATE

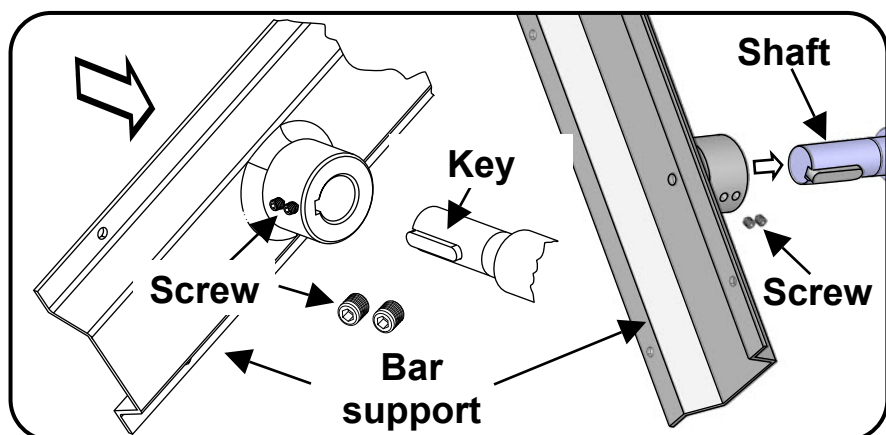
Place the barrier and block it through the four holes present internally on the basis.



SHAFT SUPPORT

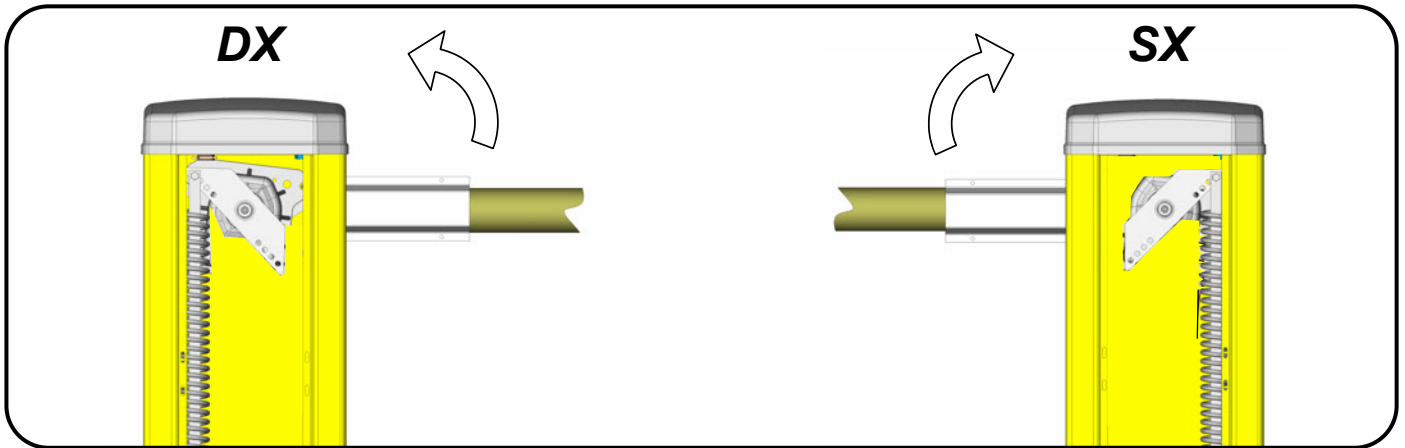
Insert the bar support on the shaft and fasten it with screws

Insert the bar in the support and tighten the screws



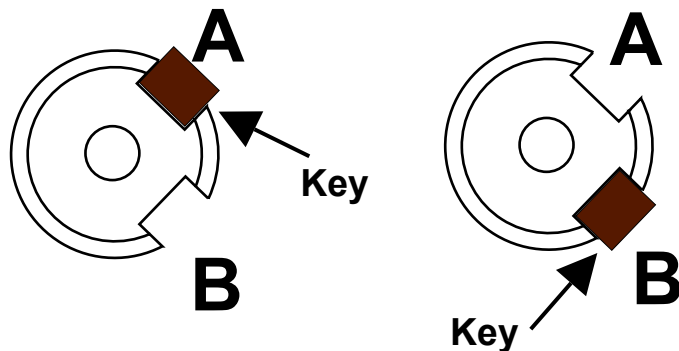
OPENING DIRECTION

To change the direction of opening from the **left** (standard) to the **right** proceed as follows:

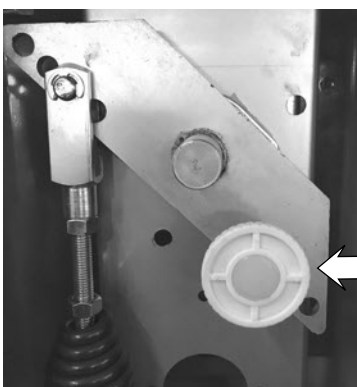


- Unhook the spring.
- Reverse the position of the spring from right to left.
- Hang up and tighten everything.
- Reverse the position of the key from place A to B of the output shaft.
- Reinsert the boom support.
- Reverse the position of the locking/release knob positioned on the trapezoid (inside the barrier).

Drive shaft front view

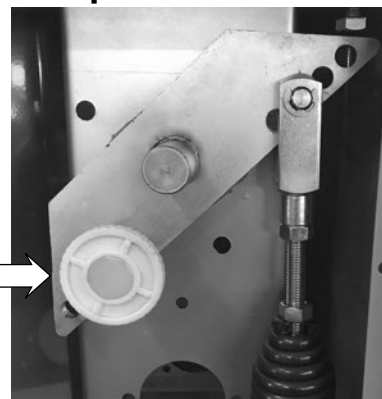


Position DX



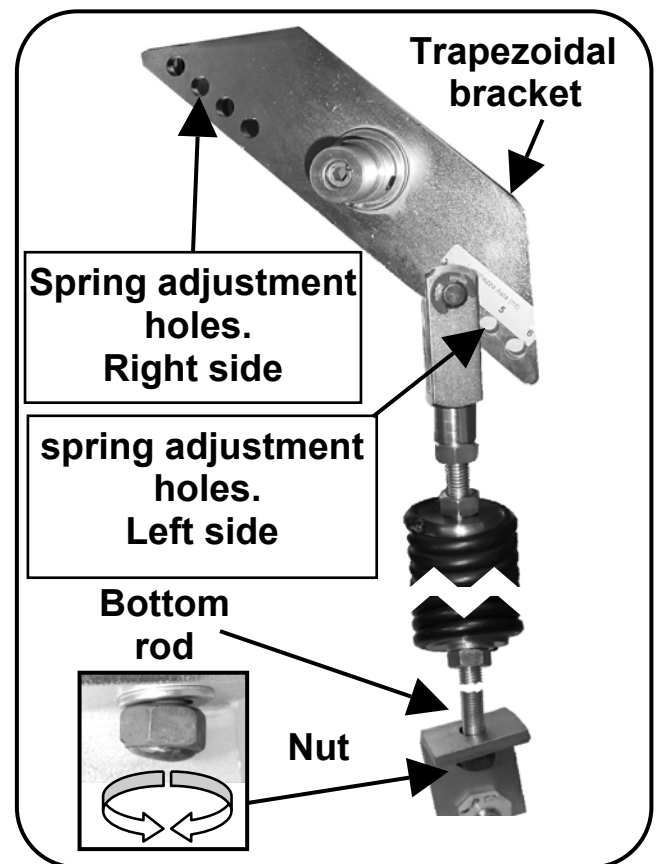
Lock/release knob

Standard position SX



SPRING REGULATION

- Acting on the lower tie nut, put the spring in tension until the rod is balanced at 45° and the trapezoidal bracket will remain horizontal to the ground.
- The trapezoidal bracket has four holes which regulate the force of the spring according to the length of the bar. The force of the spring is reduced the more it is placed internally.

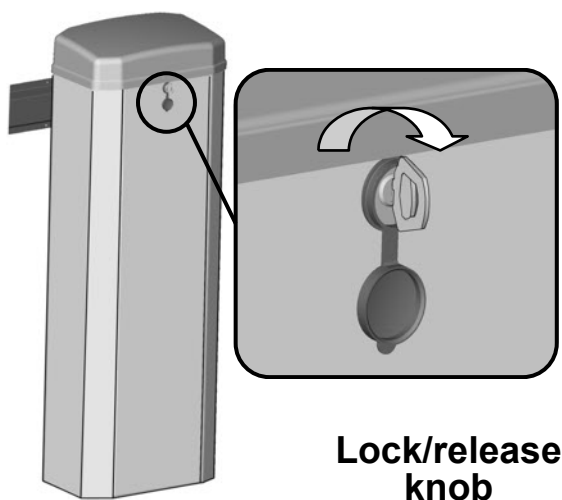


OPENING

- Insert the key and open the cover.
- Manually raise the boom until the end of the stroke and screw the knob locking the mechanism in open position.
- Close the cover.

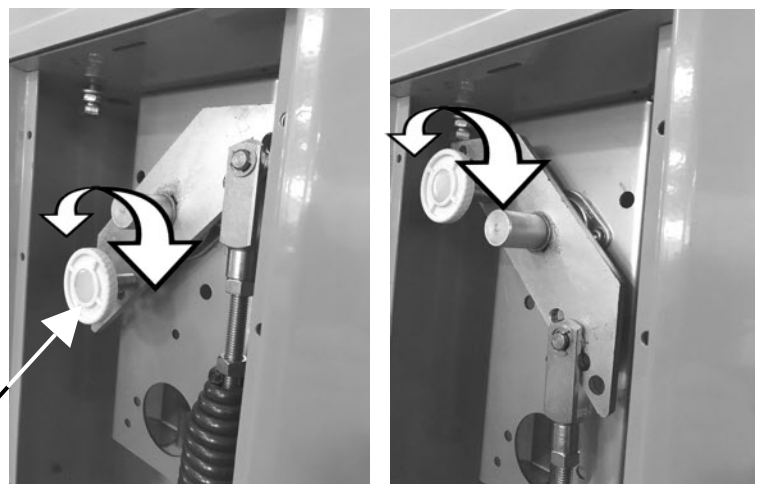
CLOSING

- Insert the key and open the cover.
- Manually lower the boom until the end of the stroke and screw the knob locking the mechanism in closed position.
- Close the cover.



Lowered boom

Raised boom



SAFETY PRECAUTIONS

These warnings are an essential, integral part of the product and must be given to the user. They provide important indications on the installation, use and maintenance and must be read carefully. This form must be preserved and passed on to subsequent users of the system. The incorrect installation or improper use of the product may be dangerous.

INSTALLATION INSTRUCTIONS

- The installation must be performed by professionally skilled personnel and in compliance with current local, state, national and European legislation.
- Before beginning the installation, check the integrity of the product.
- The laying of cables, electrical connections and adjustments must be workmanlike performed.
- The packing materials (cardboard, plastic, polystyrene, etc.) are a potential hazard and should be disposed of correctly and not left within reach of children.
- Do not install the product in potentially explosive environments or environments disturbed by electromagnetic fields. The presence of inflammable gases or fumes is a grave danger to safety.
- Set up a safety device for overvoltage, a disconnecting and/or differential switch suitable for the product and conforming to current standards.
- The manufacturer declines any and all responsibility for product integrity, safety and operation in the event incompatible devices and/or components are installed.
- Solely original spare parts should be used for repairs and replacements.
- The installer must provide all the information relating to the operation, maintenance and use of the individual parts, components and system as a whole.

WARNINGS FOR THE USER

- Read the instructions and enclosed documentation carefully.
- The product must be used for the express purpose for which it was designed. Any other use is considered improper and therefore hazardous. In addition, the information given in this document and in the enclosed documentation may be subject to modifications without prior notice. It is given as an indication only for product application. The company declines any responsibility for the above.
- Keep products, devices, documentation and anything else provided out of reach of children. In the event of maintenance, cleaning, breakdown or faulty operation of the product, cut off the power and do not attempt to operate on the product. Contact solely the professionally skilled personnel responsible for these operations. Failure to adhere to the above indications may be dangerous.

All products are guaranteed for 2 years, as per the date on the invoice or on the receipt.

The warranty also does not include: failures or damages caused by faults of the electrical system and/or carelessness, negligence or inadequacy of the installation to the use for which it is intended and in any case from abnormal use; failures or damages due to tampering by unauthorized personnel or the use of components not attributable to the manufacturer and/or non-original spare parts; defects caused by chemical agents, external bodies or atmospheric and/or natural phenomena in general; failures or damages caused by incorrect installation of the Products according to the rule of art, safety and conformity of use expressly indicated in the technical documentation of the same Products; the consumables; interventions for checks and assessments of any flaws or defects then not found; compensations for the period of inactivity of the system where the Products are installed.

**The data and images are for guidance only
VDS reserves the right to change at any time characteristics of the products described in
its sole discretion, without notice.**



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