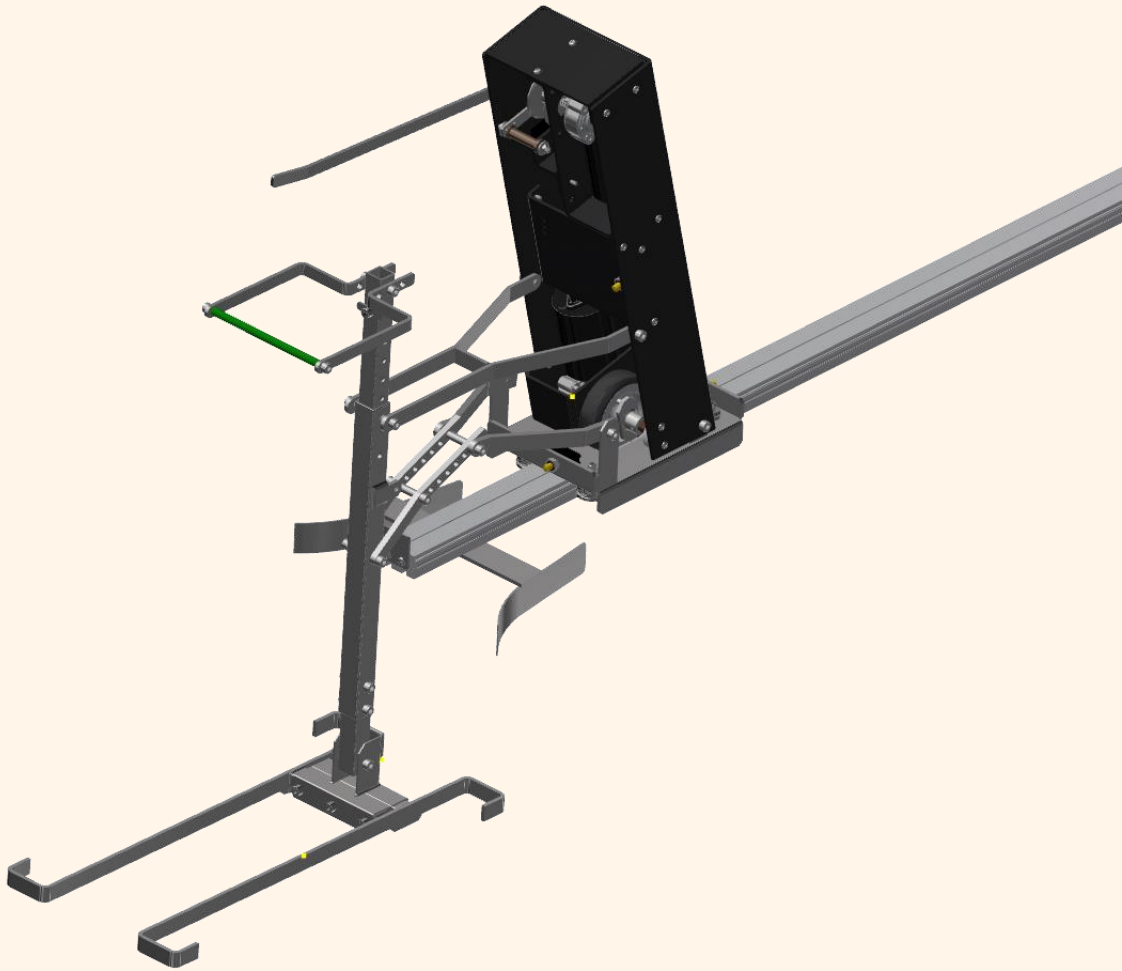




USER MANUAL



VSCHO

Wheelchair loading robot





Congratulations, you have equipped your vehicle with a **VSCHO**, electric sliding rear door.

We hope you benefit from its use.



VSCHO is very easy to use, as indicated in the following instructions.

Please read these instructions before using the device.

MANUAL SYMBOLS



NOTE



PROCEDURE



PAY ATTENTION – Important information

The manual is composed by 5 chapters and the chapters 3 and 4 are specific for the product use:

1. **General information** - Pag. 1
2. **Safety** - Pag. 1
3. **Use on vehicle** - Pag. 2
4. **What to do if ...** - Pag. 6
5. **Maintenance** - Pag. 7



Compliant with all relevant characteristics of the **MACHINERY DIRECTIVE 2006/42/CE** and the **ELECTROMAGNETIC COMPATIBILITY 2014/30/CE**.

*Instructions made according to standard conformation; changes can be made according to the user's needs and characteristics of the vehicle.
The manufacturer reserves the right to modify the product without notice.*

1. General Information

The loading robot VSCHO is an aid which, in combination with the swinging-sliding door PREH is used to lift and insert your wheelchair closed inside the vehicle in correspondence of the lower part of the rear seat.

A button located on the dashboard of the vehicle allows to operate two electric motors which movement to a mechanical arm which carries the lifting operation and the insertion inside the car.

VSCHO is applicable to the majority of cars with 5 doors left rear door swing, and on some cars with the left rear door sliding.

The loading robot VSCHO has the ability to raise and insert the most foldable wheelchairs, with its innumerable possibilities of adjustment.

2. Safety

The system must only be used for the purposes it was created for; any other use is considered as improper.

HANDYTECH - CARROZZERIA 71 S.r.l. is not liable for any damage caused by incorrect system use.

Explain how VSCHO works to anyone who has to work on your vehicle (car dealer, repair centre, mechanic, etc.), and also to all those who use it.

We recommend giving the phone number of the system installer to the person in charge of carrying out maintenance and repairs, so that indications can be given if required.



If it is necessary to effectuate maintenance operations and repairs to the vehicle, we advise you to give to the operator the telephone number of the installer of the system for further indications.



It is advisable, after 2 years, in collaboration with your local Handytech Centre, to check the status of the whole system and maybe to replace some parts.

Moreover, we remember to you, that out of the warranty period, the maintenance program is at Your discretion and risk, but the advice is to follow it carefully, because the negligence could cause malfunctions of the system and could create dangers during the utilization of the device.

Maintenance operations of the device during the warranty period and out the warranty period are to be borne by the customer.



The manufacturer guarantees the product for 24 months, only if the maintenance operations have been implemented by an authorized Handytech Dealer.



During the use of the VSCHO make sure that the left rear door is fully open, so as not to hinder the free movement of the robot.

Make sure that during the loading and unloading in the range of the VSCHO there are no people, animals or objects that obstruct the normal movement.

It is necessary that during the operation of loading and unloading there are no foreign bodies on the rail.

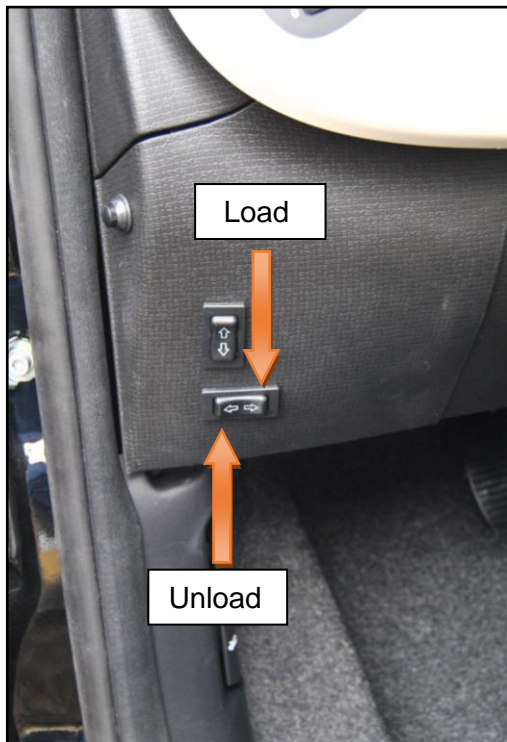


On small cars is necessary that the driver's seat is in position sufficiently advanced, to allow the free movement of the loading robot VSCHO.

(Maximum capacity: 25 kg)

3. Use on vehicle

- ❑ Perform operations with parking brake engaged and the car is on level ground.
- ❑ Completely open the left front door of the car.
- ❑ Perform transfer from the wheelchair to the driver's seat and then close the wheelchair.
- ❑ Completely open the left rear door of the car (the complete opening of the door will make the closure of an electrical contact, which will enable the use of the loading robot VSCHO).
- ❑ Ensure that the radius of action of door and the loading robot VSCHO there are no people, animals and objects and then press the button on the center pillar of the car (Picture 1), press and hold until the loading robot VSCHO scroll up to the limit of the guide and lower the loading arm or lock automatically (Picture 2).
- ❑ Whenever you decide to ease pressure on the button, the loading robot VSCHO stop himself.



Picture 1



Picture 2

- Insert the wheelchair enclosed within the lift arm (Picture 3).



Picture 3

- Press the button and, after lifting of a few centimeters the lifting arm, will be necessary to secure the wheelchair height of the push handles as shown in the Pictures 4, 5.



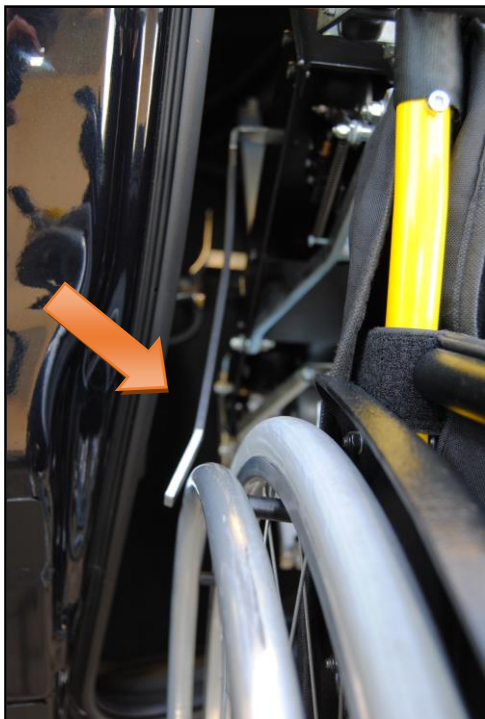
Picture 4



Picture 5

- Press the button again so that the wheelchair is fully raised and inserted inside the car making sure that the rod containment front (Picture 6) of the loading robot VSCHO force it slightly to the right rear wheel of the wheelchair.

- Verify that the two rear wheels fit on the retaining bracket (Picture 7) present on the sliding guide.



Picture 6



Picture 7

- Ensure that the wheelchair is properly inserted (Picture 8), close the rear door of the car, correctly position the driver's seat and start the journey.



Picture 8

- Of course, to perform the unloading of the wheelchair the operations must be performed in the reverse order.

4. What to do if...

1. Pressing the button for loading and unloading the loading robot, VSCHO does not move

- ✔ Check the complete opening of the left rear door (since, as previously highlighted, it is necessary that the door is fully open to make usable, the loading robot).
- ✔ Check that the amp fuse 20 A place in the engine compartment or in the basket of Fuse of the car (its location will be illustrated by the installer during the delivery of the vehicle) is intact.
In some cases it is possible that the loading robot VSCHO and the loading robot PREH are protected by the same fuse, as are used one after the other and never simultaneously.
- ✔ Check the correct insertion of the electrical connector that connects the system installed in the vehicle to the one installed on the robot-charge-chair (Picture 9).



Picture 9

2. During the operation of switching on and off you can not close or open completely loading robot VSCHO causing in some cases the fuse.

- ✔ Make sure there are no objects (ex. the wheelchair) can block the movement.
- 3. Using the steps listed above you cannot use the loading robot VSCHO: will be necessary to move it manually.
This operation must be done by a second person who can enter the loading robot in the car, without loading of on the wheelchair.
✔ It becomes necessary to fully raise the arm of the loading robot in order to lift the rubber wheel that allows the sliding of the loading robot (Picture 10).

Then, still holding the arm of the loading robot, fully raised, push inside the car until the VSCHO send him to stop (Picture 11)



Picture 10



Picture 11

Following this, please reach the nearest Handytech Dealer.



In the case where your loading robot has a problem different from those listed, it is essential to contact the center Handytech nearest.

MAINTENANCE TO BE DONE EXCLUSIVELY BY HANDYTECH DEALERS

First check: 1,500 km or 3 months

- Check the tightness of the bolts holding the loading robot VSCHO to the car.
- Check the tightness of screws and bolts of the loading robot VSCHO.
- Check the lubrication of sliding points.
- Visual inspection of the electrical connection between the battery and the system of the loading robot making sure that there are no oxidation on electrical contacts.
- Check the correct connection of the electrical connector that connects the system to the system of the car loading robot.
- Verification of correct operation of the loading robot.
- If necessary, make adjustments on logs to optimize the integration of the wheelchair.
- **Carry out a road test to check for any noises or games.**

Checks to be performed at 12, 24 months and annually

- Repeat the checks carried out at 1500 Km
- Check the wear of the belt junction between the lifting arm and the pulley attached to the motor (Picture 12).



Picture 12



PAY ATTENTION:

After two years it is advisable, in collaboration with the Centre Handytech of trust, check the status of the system and to replace the defective parts of.

We remind you that outside of the warranty period, the maintenance program is at your discretion, but the advice is to follow strictly as the neglect could damage the system and cause problems and create danger while driving.

The maintenance of the device and during the warranty period and outside of the warranty are to be paid by the customer.

WARRANTY: 24 MONTHS

RESERVED TO INSTALLERS

Installer's Notes

Positioning fuse

Other useful information



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SCAN ME



Problems during your trip?
Check the Handytech Network