



**USER MANUAL – EN**

**IN 24911 Electric four-wheel mobility scooter Baichen Omis**



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## SAFETY INSTRUCTIONS

- Read the manual before use and keep it for future reference.
- Do not use the device if any sharp edges appear.
- In the event of a fault, stop the use immediately and contact service. Do not repair the scooter by yourself.
- Before use, learn how to use the scooter, find a safe and open space, and seek help from another person until you can use the scooter safely.
- Make sure the product is turned off before getting on and off.
- Always drive at such a speed that you do not endanger yourself or others and their property.
- We always recommend starting at the lowest speed gear.
- Some communication devices may operate on the same frequency as the scooter remote controller. If you have any such device with you (telephone, etc.), check that it will not interfere with the controller.
- Some transmitters may interfere with the scooter remote controls.
- If you notice any unwanted movement or the scooter suddenly stops, switch it off immediately.
- Do not repair with or modify the product.
- If any of the situations described occur, switch off the scooter immediately: sudden movement without user input, direction of travel cannot be controlled, brake failure.
- The scooter is designed for transporting one person.
- Do not drive on too steep hills.
- Do not drive under the influence of drugs, medication or alcohol.
- Do not tow other vehicles or objects behind the scooter.
- Do not tow the scooter behind other vehicles.
- Do not exceed the maximum permitted driving angle.
- The scooter is for one person only and do not exceed the scooter maximum weight capacity.
- Do not switch off the scooter while it is moving, as this may damage the engine or controls. Only turn off the scooter when you lose control.
- Do not drive on a surface that is not paved (sand, deep grass, fine clay, etc.)
- Do not drive on stairs.
- Make sure the scooter is switched off before cleaning and maintenance.
- Do not switch on the scooter unless you are seated on it.
- The scooter is not intended for public road use. Drive only on the roads designated for it (sidewalk).
- Do not suddenly change direction (forward - reverse). Change the direction of travel when the scooter stops.
- Always drive downhill at the lowest speed, leaving the joystick close to the middle position.
- Always keep your feet on the footrest.
- Make sure the battery is fully charged before driving.
- Charge the scooter in a well-ventilated room.
- Before riding, check that all parts are tighten and are working properly.

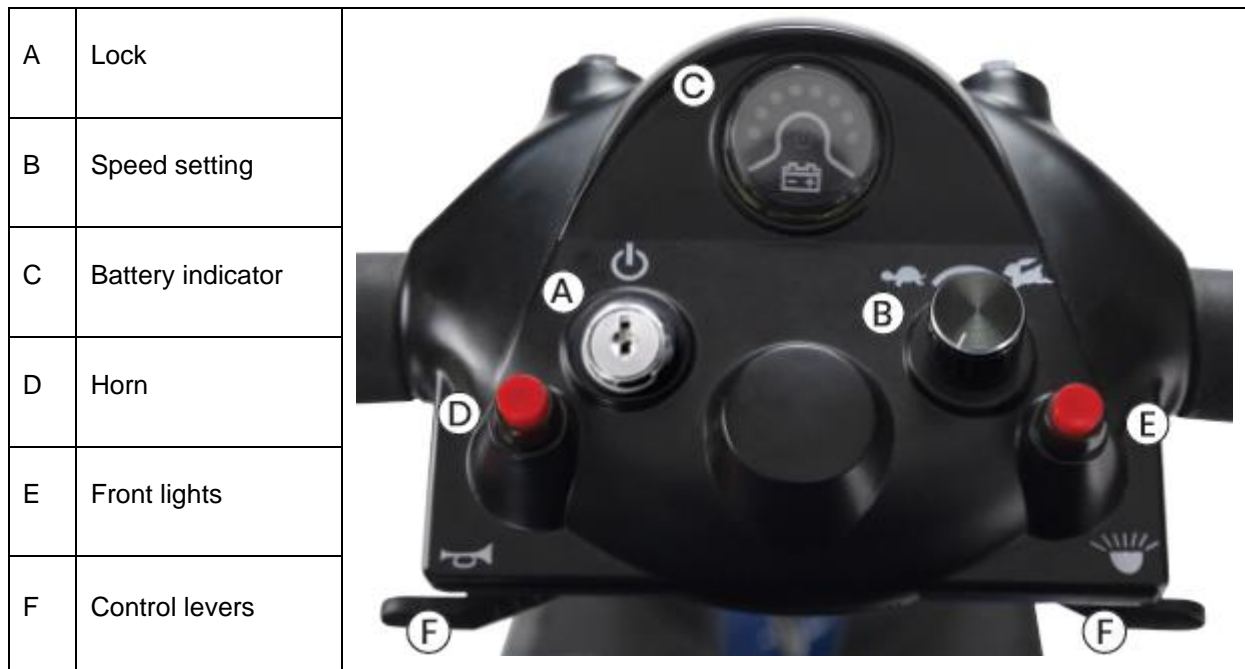
- Before reversing, make sure that there is no obstacle behind you. Reverse to the lowest speed.
- Avoid sudden movements and sudden changes in direction.
- Keep your hands and feet on the armrests.
- If you are driving up a hill, do not reverse.
- Do not drive on soft, uneven or unsecured surfaces (grass, gravel).
- Before driving downhill, set the lowest speed, driving downhill increases the braking distance.
- Do not drive through unevenness such as bollards, etc.
- Do not drive in water, on ice or snow, or in poor visibility conditions.
- Do not leave the scooter exposed to direct sunlight or the weather.
- Protect from rain and water.
- The control panel is not waterproof.
- Check the condition of the tires regularly. Replace worn tires immediately.
- Do not drive in the rain or on wet roads. There is a risk of damage to the electronics and battery.
- Maximum incline 9°.
- Total load: 120 kg

## PARTS LIST

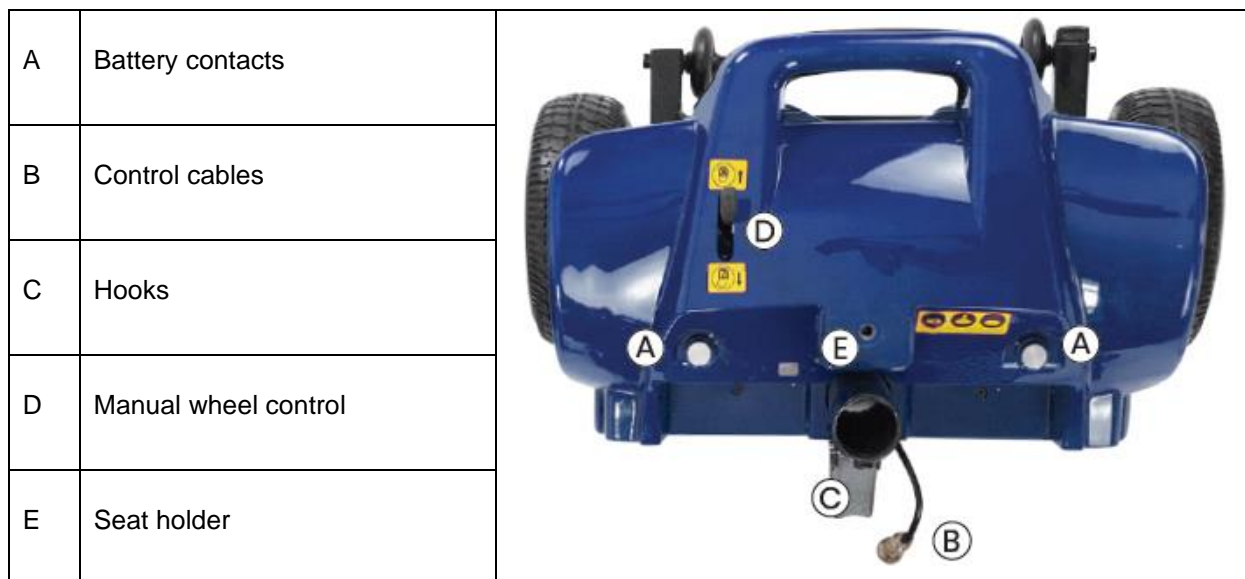
<b>A</b>	The front of the scooter	<b>G</b>	Basket
<b>B</b>	The rear of the scooter	<b>H</b>	Battery safety plate
<b>C</b>	Seat	<b>I</b>	Basket holder
<b>D</b>	Battery	<b>J</b>	2x screws
<b>E</b>	Charging cable	<b>K</b>	Seat pin
<b>F</b>	4x hand screw	<b>L</b>	Armrests

## FRONT - CONTROL PANEL

The control panel contains the following parts.



## REAR PART



## BATTERY

A	3-pin charging port	
B	Overvoltage protection	

## SEAT

A	Seat	
B	Seat post	
C	Armrests	
D	Lever	
E	Pin	

## ASSEMBLY

1. Remove the packing material and pull all parts out of the box.
2. The handlebars must be raised and secured before use.

a. Loosen the hand knob



b. Raise the handlebars to the desired angle so that you can reach them while driving.



c. Tighten the hand knob.

d. The required angle of the handlebars can be changed, just loosen the hand knob, adjust the angle and then tighten the knob again.

**WARNING: Always make sure the handlebars are properly tightened before use. Failure to do so may result in injury or property damage.**

e. Make sure the electrical contacts are clean before placing the battery.

f. Place the battery in the back of the scooter, making sure the battery and scooter contacts are aligned.



3. Secure the battery with the plate and hand knob. The location of the plate and knob is behind the seat post. Tighten the screw properly.



4. Make sure that the seat is properly attached to the seat post



5. Insert the seat into the seat post at the rear of the scooter.



6. Adjust the height and place in the pin. Insert the pin through the holes in the seat post, it must be inserted along the entire length.



7. Secure the seat with the hand knob on the front.





**8.** Use the lever to release the seat and turn it so that it faces the front of the handlebars. Then use the lever to lock the seat in position.



**9.** Attach the right and left armrests to the sides of the seat. The armrests are secured with a hand knobs.



**10.** Remove the 2x screws from the handlebars and place the basket holder. Attach the basket holder with 2x screws that were removed. Then slide the basket into the basket holder. Make sure you have inserted the basket correctly.



## FRONT AND REAR CONNECTIONS

The scooter is delivered connected; however, the front and rear can be detached for easier transportation or storage.

1. Switch the scooter to manual mode using the lever on the rear wheels.
2. Tilt the rear of the truck back until it rests on the anti-slip bars and handles on the back.

Note: Make sure the seat post is parallel to the ground and the handles are in the up position.

3. Lift the front by the handles and hook the front into the hooks at the rear.
4. Hold the front and slowly tilt the back forward until you hear a click. You should not force parts to lock.
5. Attach the battery power cable and secure the nut.
6. Switch off the manual truck operation by pulling the lever back and attach the battery and seat.

## SEAT ADJUSTMENT

**WARNING:** Do not adjust the seat position during **use**. Always turn off and remove the key before adjusting the position. Failure to do so may result in injury or property damage.

## HEIGHT ADJUSTMENT

Loosen the hand knob and pull out the pin.

Set the desired height. Secure the seat again with the hand knob and pin.

## SADDLE ROTATION

Lift and hold the lever on the right side of the seat to unlock the seat.

Turn the seat in the desired direction and then release the lever, it automatically switches to the locked position.

Before moving again, make sure that the seat is secured and does not rotate.

## ARMREST WIDTH ADJUSTMENT

Loosen the hand knobs holding the armrests.

Set the armrests to the desired width within the range.

Secure the armrests again with the hand knobs.

## HANDLEBARS ANGLE ADJUSTMENT

Loosen the screw at the mechanisms.

Angle the handlebars to the desired position.

Secure the hand knob.

## USE

### BATTERY CHARGING

**WARNING:** Always use only the original battery and charger. Using the wrong charger can damage the device.

Recharge the battery to the maximum before using it for the first time. Take your time to learn how to use the scooter, don't drive too fast and stay close to home. Learn how to read battery information.

Recharge the battery for 10 to 12 hours and then continue to use the scooter. After 4 to 5 charging cycles, the battery reaches its maximum capacity.

If you do not use the scooter regularly, you need to charge the battery to the maximum once every two weeks.

After discharging the battery, it must be recharged as soon as possible. If you let the battery completely discharge, you will reduce its capacity.

1. Place the scooter near the wall outlet. Turn off and remove the key.
2. Remove the rubber cover from the charging port.
3. Connect the 3-pin connector of the charger.
4. Connect the charger to a wall outlet. The red charge indicator lights up.
5. When the green light turns on, charging is almost complete, however, we recommend letting the battery charge for another 1 to 2 hours to fully charge. The total charging time is 10 to 12 hours.
6. After charging the battery, first unplug the charger from outlet and then from the battery. Place back the cover.



**NOTE:** You can also remove the battery and charge the battery separately.

### **SURGE PROTECTION**

Surge protection is used to protect the electrical components of the trucks. In the event of an overvoltage or short circuit, the overvoltage protection immediately interrupts the current flow. If the surge protector trips, wait at least 1 minute before restarting the truck.

To restart the surge protector, remove the cover and press the surge protector button.

### **BATTERY SPECIFICATIONS**

Battery type	Lead acid battery
Dimensions	152 mm x 99 mm x 96 mm
Voltage	2x 12 V
Capacity	12 Ah

### **CONTROL PANEL**

You can use the control panel to adjust speed, battery status, and to control the scooter. The control functions are described in the chapters below.



### **IGNITION AND KEY**

A key and ignition are required to operate the truck. Insert the key to turn it on. The power light turns on. If the scooter is not used, remove the key.

**WARNING:** Do not remove the key as a way of stopping unless it is an emergency. Suddenly pulling out the key can damage the product.

### **SPEED ADJUSTMENT**

During operation, you can adjust the maximum possible speed up to 6 km/h and the maximum reversing speed up to 3.5 km/h. Turn the knob to the left to decrease the maximum speed, turn to the right to increase the maximum speed.

**WARNING:** We recommend using the scooter at the lowest speed until you have learned to operate it safely and securely. Failure to follow these instructions may result in personal injury or property damage.

### **BATTERY STATUS INDICATOR**

As soon as you start the scooter, the battery status is displayed, marked with 3 colors:

- Green: full battery capacity
- Yellow: half battery capacity
- Red: The battery is fully discharged and needs to be charged before further operation

### **HORN**

Press the button to start the horn.

### **HEADLIGHTS**

Press to turn on / off the headlights.

## CONTROL LEVERS

You can use the levers on the sides to change the direction of travel forwards - backwards. The harder you press the lever, the faster the movement will be up to the set maximum. As soon as you release the lever, the truck starts to decelerate until it stops.

The right lever is used to move forward.

The left lever is used for reversing.



## MANUAL OPERATION

You can use the lever on the rear wheels to switch the wheels to manual mode, which allows you to push the scooter.

Pulling the lever back turns on movement by engine.

By pushing the lever forward, the scooter will switch to manual mode and will not be driven by the engine.



**WARNING:** Never switch the scooter to manual mode unless you have the assistance of another person. Do not switch the scooter to manual mode on hills or inclines. Failure to follow these instructions may result in personal injury or property damage.

## DISASSEMBLY

1. Switch off the scooter and remove the key from the ignition.
2. Release the seat post and pull it out with the seat.
3. Loosen the battery securing plate and remove the battery.

4. Loosen the battery power nut between the front and rear of the parts.



5. Loosen the hand knob near the base of the scooter on the handlebars and pull down the handlebars, lock them again with the hand knob.



6. To release the front and back parts, lift the yellow handle



7. Lift the part where the two parts are connected and release them from the hooks.



8. To connect, follow the steps above in reverse order

## MAINTENANCE

Avoid bumps or blows to the control panel and handlebars.

Avoid exposure to extreme temperature conditions such as cold, heat or humidity.

If the scooter is exposed to moisture, it must first be dried before use. Do not clean the scooter with running water.

The scooter is designed for operating temperatures from -7 ° C to + 50 ° C.

Regularly clean the scooter of dirt.

Regularly check the condition of the electrical connections and their contacts.

Remove the key when not in use.

Note: The scooter has an integrated function to reduce battery consumption when not in use. After 20 minutes of inactivity, it switches to power save mode. To start, just pull out and insert the key again.

All bearings are lubricated and sealed, no need to lubricate.

Periodic maintenance table:

Parts	After every use	Weekly	Monthly	Every 6 months
Engine		X		
Brakes	X			
Connections		X		
Battery status	X			
Wheel wear			X	
Engine				X
Control panel		X		
Cleaning	X			

## TROUBLESHOOTING

The scooter signals problems with audible signals. Insert the key, you will hear a short beep and flash on the control panel, then a long pause will occur and the alarm will repeat. The number of beeps and faults are described in the table below.

Some of the solutions below interfere with the cart and by modifying them you may void your warranty. Therefore, we recommend that you solve any problem that affects the truck via the complaints and service department.

Signal	Cause	Fault	Solution
<b>1x sound signal</b>	Low battery	Discharged battery	Recharge the battery
	Poor battery contacts	Loosen battery cables	Tighten the battery connection nut
	Wrong battery contacts	Cables were connected to opposite poles, short circuit control unit	Replace the control unit
	Short circuit between motor and negative battery poles	The black power cord is touching the motor cable or is poorly insulated	Insulate the cables
<b>2x sound signals</b>	The engine spring is not attached properly	The motor spring is not connected correctly	Check spring connection
	Engine wear	The resistance of the cables at both ends is higher than 100 Ω	Replace the engine
	Motor cable loosen	The motor cable is loose	Reconnect the cables
<b>3x sound signals</b>	Short circuit between motor and power supply	Cable damage	Replace or insulate cables
<b>6x sound signals</b>	Operation is not possible	The charger is connected	Disconnect the charger and insert the key
<b>7x sound signals</b>	The speed lever is not released	The lever is not released	Release the lever and re-insert the key
	Incorrect connection of the lever for adding speed, check the connection of the 3-pin cable	Loose cable	Connect the cable
	Damaged lever or 3-pin cable regulator	The output current of the 3-pin controller is not approx. 5 V	Replace the 3-pin terminal of the controller
	The speed potentiometer does not work	The speed potentiometer is damaged	Replace the speed potentiometer
<b>8x sound signals</b>	The control unit is damaged	Short circuit of the control unit	Replace the control unit
	The power supply of the control unit was connected to the opposite poles	The power supply of the control unit was connected to the opposite poles	Replace the control unit
<b>9x sound signals</b>	Bad connection	The brake is not connected to the control unit correctly	Reconnect
	The scooter is in manual mode	The brake does not work	Switch off manual drive mode



	The scooter is not in manual mode and the brake does not work	The charger has been connected	Replace the brakes
	Brake coil short circuited	Resistance is less than 40 $\Omega$	Replace the brakes
<b>10x sound signals</b>	The battery is connected in parallel and not in series	The voltage is higher than 48 V	Check the cables
	The battery is high	The voltage is higher than 30.5 V	Replace the battery

## SPECIFICATIONS

Overall dimensions	960 mm x 500 mm x 840 mm
Seat height (from the ground)	470 mm – 546 mm
Seat width	431 mm
Seat depth	381 mm
Armrest height (from seat)	171 mm
Backrest height	330 mm
Seat distance from the handlebars	685 mm
Weight	40 kg
Maximal speed	6 km/h
Maximum braking distance	1500 mm
Weight limit	120 kg
Maximum range (under ideal conditions)	$\geq 20$ km
Static stability	$\geq 9^\circ$
Dynamic stability	$\geq 6^\circ$
Maximum tilt	$\leq 9^\circ$
Maximum climb	$\leq 9^\circ$
Engine	24 V / 180W
Battery	Lead-acid battery divided into two parts (12 V, 12 Ah for each part)
Maximum output current	45 A
Minimum output current	2 A
Front wheel	190 mm (filled)
Back wheel	190 mm (filled)

## ENVIRONMENT PROTECTION

After the product lifespan expired or if the possible repairing is uneconomic, dispose it according to the local laws and environmentally friendly in the nearest scrapyards.

By proper disposal you will protect the environment and natural sources. Moreover, you can help protect human health. If you are not sure in correct disposing, ask local authorities to avoid law violation or sanctions.

Don't put the batteries among house waste but hand them in to the recycling place.

## **TERMS AND CONDITIONS OF WARRANTY, WARRANTY CLAIMS**

### **General Conditions of Warranty and Definition of Terms**

All Warranty Conditions stated here under determine Warranty Coverage and Warranty Claim Procedure. Conditions of Warranty and Warranty Claims are governed by Act No. 89/2012 Coll. Civil Code, and Act No. 634/1992 Coll., Consumer Protection, as amended, also in cases that are not specified by these Warranty rules.

The seller is SEVEN SPORT s.r.o. with its registered office in Strakonická street 1151/2c, Prague 150 00, Company Registration Number: 26847264, registered in the Trade Register at Regional Court in Prague, Section C, Insert No. 116888.

According to valid legal regulations it depends whether the Buyer is the End Customer or not.

"The Buyer who is the End Customer" or simply the "End Customer" is the legal entity that does not conclude and execute the Contract in order to run or promote his own trade or business activities.

"The Buyer who is not the End Customer" is a Businessman that buys Goods or uses services for the purpose of using the Goods or services for his own business activities. The Buyer conforms to the General Purchase Agreement and business conditions.

These Conditions of Warranty and Warranty Claims are an integral part of every Purchase Agreement made between the Seller and the Buyer. All Warranty Conditions are valid and binding, unless otherwise specified in the Purchase Agreement, in the Amendment to this Contract or in another written agreement.

### **Warranty Conditions**

#### **Warranty Period**

The Seller provides the Buyer a 24 months Warranty for Goods Quality, unless otherwise specified in the Certificate of Warranty, Invoice, Bill of Delivery or other documents related to the Goods. The legal warranty period provided to the Consumer is not affected.

By the Warranty for Goods Quality, the Seller guarantees that the delivered Goods shall be, for a certain period of time, suitable for regular or contracted use, and that the Goods shall maintain its regular or contracted features.

### **Batteries**

6-month battery warranty – we guarantee that battery's nominal capacity does not fall below 70% of its total capacity within 6 months of the product's sale.

#### **The Warranty does not cover defects resulting from (if applicable):**

- User's fault, i.e. product damage caused by unqualified repair work, improper assembly, insufficient insertion of seat post into frame, insufficient tightening of pedals and cranks
- Improper maintenance
- Mechanical damages
- Regular use (e.g. wearing out of rubber and plastic parts, moving mechanisms, joints, wear of brake pads/blocks, chain, tires, cassette/multi wheel etc.)
- Unavoidable event, natural disaster
- Adjustments made by unqualified person
- Improper maintenance, improper placement, damages caused by low or high temperature, water, inappropriate pressure, shocks, intentional changes in design or construction etc.

### **Warranty Claim Procedure**

The Buyer is obliged to check the Goods delivered by the Seller immediately after taking the responsibility for the Goods and its damages, i.e. immediately after its delivery. The Buyer must check the Goods so that he discovers all the defects that can be discovered by such check.

When making a Warranty Claim the Buyer is obliged, on request of the Seller, to prove the purchase and validity of the claim by the Invoice or Bill of Delivery that includes the product's serial number, or eventually by the documents without the serial number. If the Buyer does not prove the validity of the Warranty Claim by these documents, the Seller has the right to reject the Warranty Claim.

If the Buyer gives notice of a defect that is not covered by the Warranty (e.g. in the case that the Warranty Conditions were not fulfilled or in the case of reporting the defect by mistake etc.), the Seller is eligible to require a compensation for all the costs arising from the repair. The cost shall be calculated according to the valid price list of services and transport costs.

If the Seller finds out (by testing) that the product is not damaged, the Warranty Claim is not accepted. The Seller reserves the right to claim a compensation for costs arising from the false Warranty Claim.

In case the Buyer makes a claim about the Goods that is legally covered by the Warranty provided by the Seller, the Seller shall fix the reported defects by means of repair or by the exchange of the damaged part or product for a new one. Based on the agreement of the Buyer, the Seller has the right to exchange the defected Goods for a fully compatible Goods of the same or better technical characteristics. The Seller is entitled to choose the form of the Warranty Claim Procedures described in this paragraph.

The Seller shall settle the Warranty Claim within 30 days after the delivery of the defective Goods, unless a longer period has been agreed upon. The day when the repaired or exchanged Goods is handed over to the Buyer is considered to be the day of the Warranty Claim settlement. When the Seller is not able to settle the Warranty Claim within the agreed period due to the specific nature of the Goods defect, he and the Buyer shall make an agreement about an alternative solution. In case such agreement is not made, the Seller is obliged to provide the Buyer with a financial compensation in the form of a refund.

**CZ**  
**SEVEN SPORT s.r.o.**

Registered Office: Strakonická 1151/2c, Praha 5, 150 00, ČR  
Headquarters: Dělnická 957, Vítkov, 749 01  
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## ES DECLARATION

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**IMPORTER:**

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Praha 5-Hlubočepy 150 00  
IČ: 268 47 264  
Czech Republic

**Declares on its own responsibility that  
product: IN 24911 Elektrický čtyřkolový vozík Baichen Omis  
Model W3431C**

**is in agreement**

with the technical requirements for the product set by a government regulation

**The product meets the following standards:**

EN ISO 12100:2010  
EN 12184:2014  
EN 61000-6-1:2017  
EN 61000-6-3:2007+A1:2011+AC:2012




This declaration of conformity is made based on **ECM** Certificate, Cert-No: OB181026.ZIRQ056 issued on 26. 10. 2018.

MSDS 20220102 01.01.2022

**Manufacturer Zhejiang Innuovo Rehabilitation Devices Co. meets the following standards:**

ISO 13485:2016  
ISO 9001:2015

Vítkov 17.5.2022

  
  
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