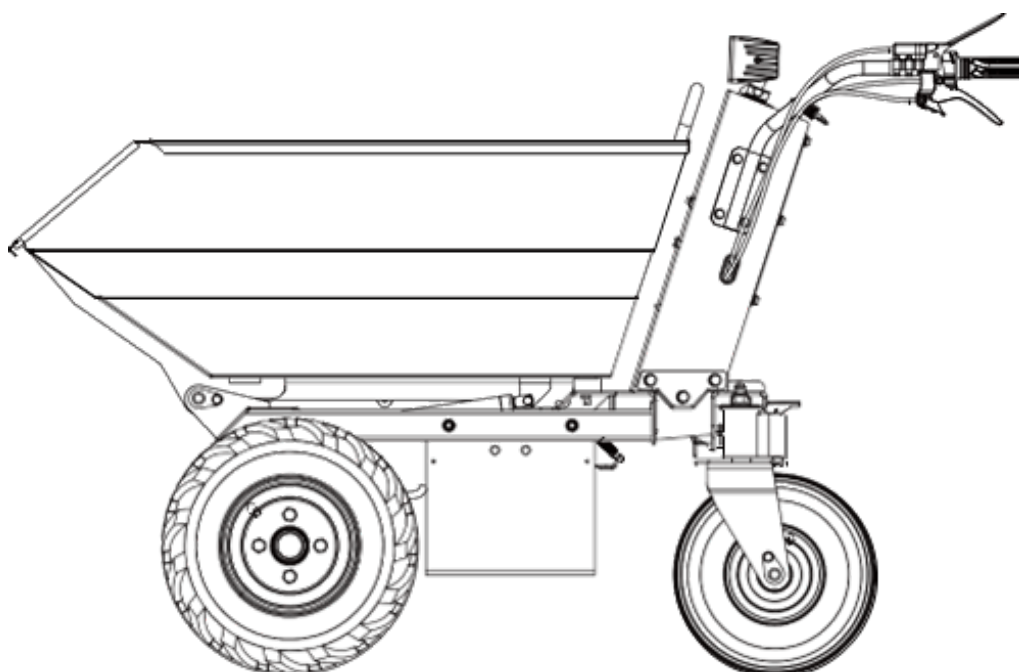




**BLUEBIRD
INDUSTRIES**



MOTORISED WHEELBARROW

User Manual

MODEL NUMBER: WB 500 E

SERIAL NUMBER: _____

The model number and serial number are shown on the main label.
They must be kept in a safe place for future use.

FOR YOUR SAFETY

**READ AND UNDERSTAND THE ENTIRE MANUAL BEFORE OPERATING
THE EQUIPMENT**

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INTRODUCTION

Your new electric wheelbarrow will exceed your expectations. It has been manufactured to strict quality standards to meet superior performance criteria. You will find your new product easy and safe to use, and with proper maintenance, it will give you many years of reliable service.



Please read carefully the entire user manual before using the machine. Pay special attention to precautions and warnings.

Features

Load capacity	1,000 W 48 V brushless DC motor	
Braking system	Electromagnetic brake	
Battery	48V 20Ah/32Ah lead-acid battery	
Battery range	8 -10 h	
Charging time	6- 7 h	
Operating load	501 kg	
Load capacity	23.6 cubic meters	
Tipping speed		Manual, Hydraulic piston
		0-1.49 kph
Travel speed		Fast speed 0-4.9 km/h
		Medium speed 0-4.1 km/h
		Slow speed 0-3.3 km/h

ECOLOGICAL



Recycle unnecessary materials instead of discarding them. All accessories, hoses, and packaging must be used, taken to the local recycling center, and disposed of in a safe and environmentally friendly manner.

SYMBOLS

The nameplate of your machine may display symbols. These represent important information about the product or instructions for its use.



Warning! Ignoring the safety signs and warnings on the machine, as well as the safety and operating instructions, may result in serious or even fatal injuries.



Wear safety glasses. Wear hearing protection



Read these instructions carefully.



Wear safety shoes.



Wear protective gloves.



It is forbidden to remove or alter the protective and safety devices



Stay away from the hot parts of the machine



Do not smoke and ensure there are no open flames.



Do not touch moving parts.



Never start the machine in an enclosed space.



Do not operate on slopes with an inclination greater than 20°.

SAFETY

General safety standards

Understand your own machine

Read and understand the user manual and the labels affixed to the shredder. Learn about its applications and limitations, as well as its specific potential hazards.

Read all safety instructions, instructions, illustrations, and specifications provided with this power tool. Failure to follow the instructions below may result in electric shock, fire, and/or serious injury. Keep all warnings and instructions for future reference. The term "power equipment" used in the warnings refers to your power equipment powered by mains (corded) or battery (cordless).

Work area

a) Keep the work area clean and well lit. Cluttered or dark areas increase the risk of accidents.

b) Do not use power equipment in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power equipment produces sparks that can ignite dust or fumes.

c) Keep children and bystanders away when using power equipment. Distractions can cause loss of control of the equipment.

Personal safety

a) Be careful, pay attention to what you are doing, and use common sense when using a power tool. Do not use power equipment when you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention when using power equipment can result in serious injury.

b) Use personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-slip safety shoes, a helmet, or hearing protection used under appropriate conditions will reduce the risk of injury.

c) Prevent any unintentional start-up. Make sure the switch is off before plugging in the power source and/or battery, picking up, or transporting the equipment. Carrying power tools with your finger on the switch or powering on tools with the switch in the on position increases the risk of accident.

d) Remove any adjustment wrench or spanner before turning on the power tool. An adjustment wrench or spanner left attached to a rotating part of the power tool may cause injury.



Do not lower your head when descending slopes with a full load.



Objects projected into the surrounding area



Keep your hands and feet away from moving parts.



Risk of crushing and cutting.



Warning! Do not put your hands in the space between the bucket and the chassis.



Risk of flying objects.



Risk of overturning!



The maximum horizontal lifting angle must not exceed 10 degrees.



The maximum longitudinal lifting angle must not exceed 20 degrees.



Exhaust gases are dangerous because they contain carbon monoxide. Staying in the work area can lead to loss of consciousness and death.



Always turn off the engine before performing maintenance.



Do not allow anyone to sit or stand in the bed while driving.



Keep children and bystanders away.



Do not use the machine in the rain.



Do not look directly at the lit lamp.

e) Do not overreach. Always maintain proper footing and balance. This allows better control of the power tool in unexpected situations.

f) Dress appropriately. Do not wear loose clothing or jewelry. Do not let hair or clothing get near moving parts. Loose clothing, jewelry, or long hair can get caught in moving parts.

g) If extraction and dust collection devices are provided, ensure they are connected and used properly. The use of a dust collection system can reduce dust-related hazards.

h) Do not let the routine acquired from frequent use of the equipment lead to carelessness and ignoring the safety principles of these tools. Careless action can result in serious injury in a split second.

i) Do not use the machine in the rain. This may result in loss of control, slips, and falls that can increase the risk of injury.

Use and maintenance of electrical equipment

a) Do not force the power tool. Use the appropriate power tool for the application. A suitable power tool allows the job to be done more efficiently and safely, at the speed for which it was designed.

b) Do not use the power tool if the switch does not allow it to be turned on or off. Any power tool that cannot be controlled by the switch is dangerous and must be repaired.

c) Inactive power tools must be kept out of reach of children and must not be used by persons unfamiliar with the power tool or these instructions. Electrical equipment is dangerous in the hands of untrained users.

d) Maintenance of electrical equipment and accessories. Check that moving parts are not misaligned or jammed, that parts are not broken, and that nothing affects the operation of the power tool. If the equipment is damaged, have it repaired before using it. Many accidents are caused by poorly maintained electrical equipment.

e) Use the electrical equipment, accessories, and bits, etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Using electrical equipment for operations other than those intended may create a hazardous situation.

f) Handles and gripping surfaces must remain dry, clean, and free from oil and grease. Slippery handles and gripping surfaces do not allow safe handling and control of the equipment in the event of an emergency.

Use and maintenance of cordless equipment

a) Charge only with the charger specified by the manufacturer. A charger suitable for one type of battery may create a fire risk if used with another battery.

b) Use power tools only with batteries specifically designated for them. The use of any other battery may result in a risk of injury or fire.

c) When the battery is not in use, keep it away from other objects such as keys, nails, screws, or other small metal objects that could connect to each other. A short circuit of the battery terminals may cause burns or a fire.

d) Under abusive conditions, liquid may be ejected from the battery; avoid contact. In case of accidental contact, rinse with water. If the liquid comes into contact with eyes, seek medical attention. Battery liquid leaks may cause irritation or burns.

e) Do not use a damaged or modified battery or device. Damaged or modified batteries may behave unpredictably and cause fire, explosion, or risk of injury.

f) Do not expose the battery or equipment to fire or excessive temperatures. Exposure to fire or temperatures above 130°C may cause an explosion. NOTE: The temperature "130°C" can be replaced with "265°F".

g) Follow all charging instructions and do not charge the battery or equipment outside the temperature range specified in the instructions. Incorrect charging or charging at temperatures outside the specified range may damage the battery and increase the risk of fire.

Assistance

a) Have electrical equipment repaired by a qualified person using only identical replacement parts. This will ensure the safety of the electrical equipment.

b) Never repair a damaged battery. Batteries should only be repaired by the manufacturer or authorized service providers. Never stop the equipment on a sloped surface.

c) For cordless equipment:

1) Instructions regarding battery charging, information on the ambient temperature range for use and storage of equipment and batteries, and the recommended ambient temperature range for the charging system during charging;

2) For cordless equipment intended to be used with a removable or separable battery: instructions indicating the appropriate batteries to use, for example by means of a catalog number, serial number, or equivalent;

3) instructions indicating the appropriate battery charger, for example by means of a catalog number, serial number, or equivalent.

4) When the battery pack is not in use, keep it away from other metal objects such as paper clips, coins, keys, nails, screws, or other small metal objects that could make a connection from one terminal to another. A short circuit between the battery terminals can cause burns or a fire.

5) Under abusive conditions, liquid may be ejected from the battery; avoid any contact. In case of accidental contact, rinse with water. If the liquid comes into contact with the eyes, also consult a doctor. Liquid ejected from the battery may cause irritation or burns.

Specific safety standards

Carefully examine the work area, keep it clean and free of debris to avoid tripping. Operate on flat ground.

Never place any part of your body in a place where it would be in danger in the event of movement during assembly, installation and operation, maintenance, repair, or moving of the machine.

Keep bystanders, children, and pets at least 23 m away. If they approach, stop the device immediately.

Never climb onto the skip and never transport passengers.

Never park the machine in a place where the ground is unstable and may collapse, especially when it is full.

Disengage the clutch lever before starting the engine.

Start the engine carefully by following the instructions and making sure your feet are away from moving parts.

Never leave the workstation while the engine is running.

Always hold the device with both hands during use. Hold the handlebar firmly. The machine may bounce upward or jump forward if it hits buried obstacles such as large stones.

Walk, never run with the machine.

Do not exceed the machine's load capacity. Drive at a safe speed, adjusting it to the slope of the terrain, the condition of the road surface, and the weight of the load.

Exercise extreme caution when reversing or pulling the machine toward yourself.

Exercise extreme caution when working or crossing dirt roads, walkways, or streets. Be aware of hidden hazards or traffic.

On soft ground, engage first gear and reverse. Do not accelerate quickly, do not turn sharply, and do not stop suddenly.

Exercise extreme caution when working on frozen ground, as the machine may skid.

Whenever possible, avoid driving over gravel riverbeds, crushed stone, reinforced concrete, brush fields, tree trunks, etc., as this causes fatal damage or reduces the lifespan of the tracks.

Do not use the device in confined spaces where the operator may be crushed between the machine and another object.

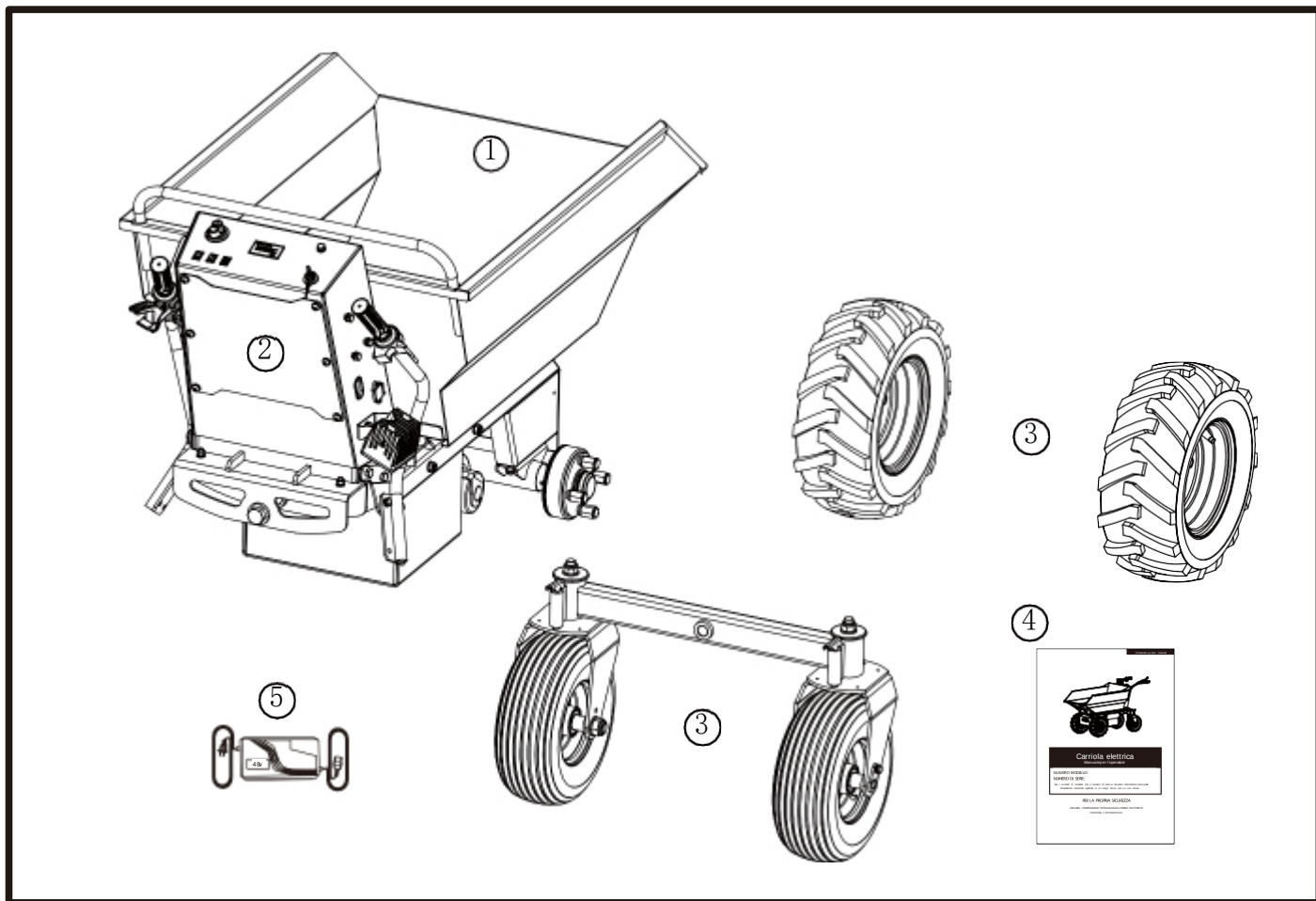
Never use the machine on slopes with an angle greater than 20°.

When moving on a slope, whether forward or backward, always ensure that the weight is evenly distributed. Movements should always be made parallel to the slope (up or down).

When tipping the skip, the center of gravity changes constantly and ground conditions are essential for the stability of the machine. There are particular risks for skips working on soft ground and when the load sticks to the body, for example in the case of wet clay.

PACKAGE CONTENTS

The electric wheelbarrow is delivered partially assembled and shipped in a well-packaged box. After removing all the parts from the packaging, you should have:

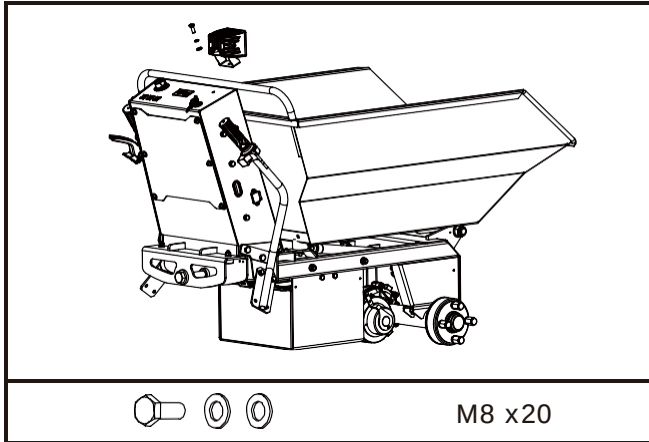


1. Dumper skip
2. Main frame
3. Wheels
4. User manual
5. Battery charger

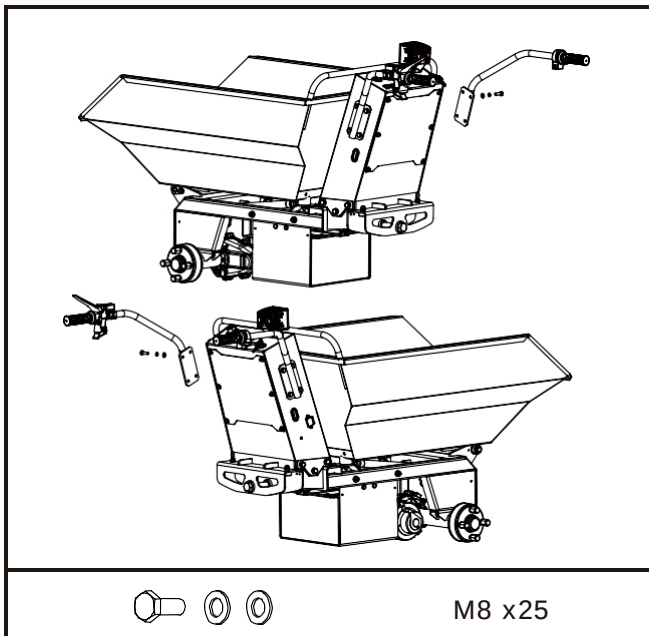
ASSEMBLY

By following the assembly instructions below, the machine will be assembled in a few minutes.

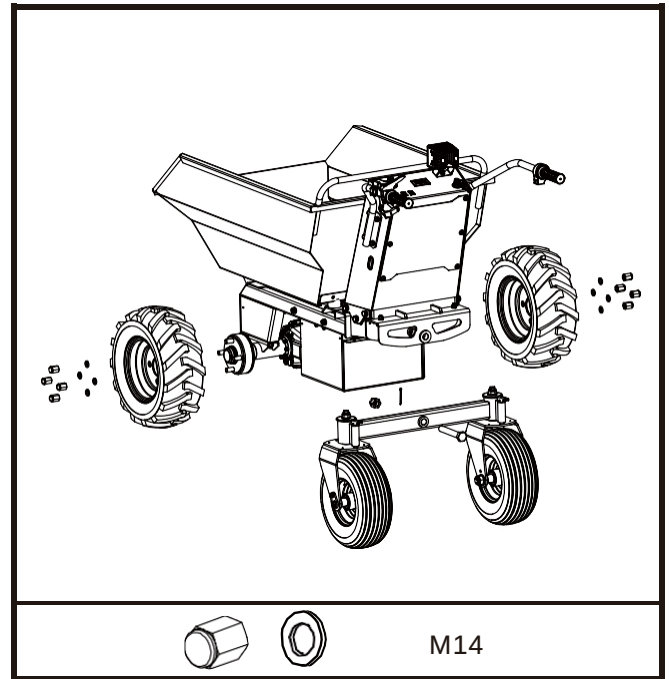
Machine assembly



Install the light using the M8 bolts.



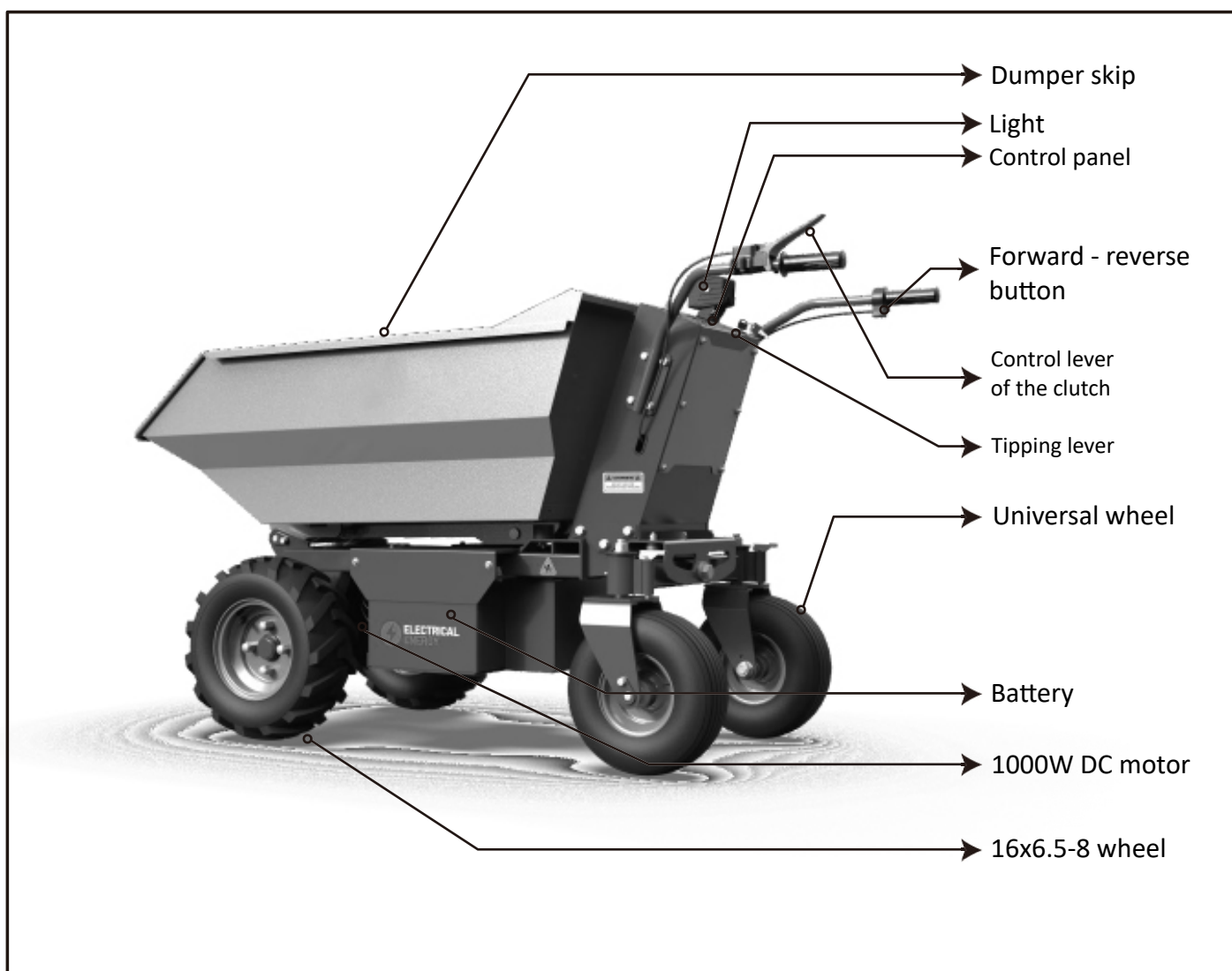
Install the left and right handles using the M8X25 bolts,



Install the front wheels and secure them with the M14 nut and spring washer. Install the rear wheels and secure them using the rear axle.

KNOW YOUR ELECTRIC WHEELBARROW

Features and Controls



Clutch control lever

Press the lever, the clutch is engaged. Release the lever to disengage.

Tipping lever

Controls the tipping of the skip. For more information on operations, refer to the following instructions.

Headlight

You can turn on the headlight when the brightness is low.

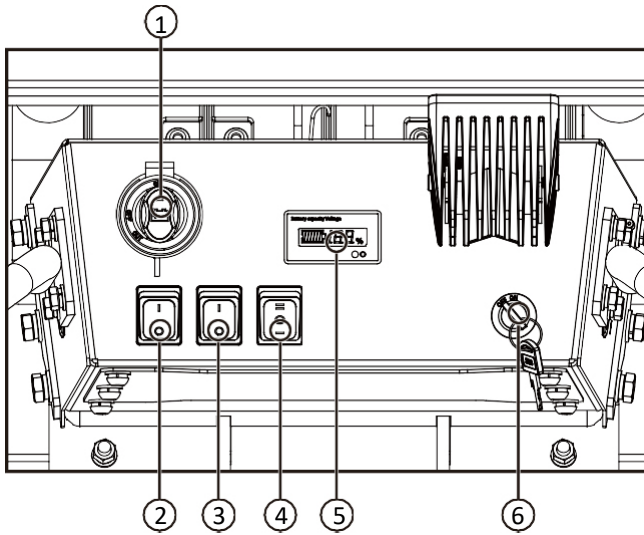
Forward - reverse button

The red button on the handle controls forward and reverse; when it is in the "D" position, the machine moves forward, and when pressed to "R", the machine moves backward.

Universal wheel

When you want to turn left or right, you must hold the handlebar firmly to control the universal wheels so that they turn left or right. Pull down on the wheel chocks shown in figure 4, and the machine will move forward or backward directly.

Control panel



1. Battery switch Turn the knob to the 'ON'/'OFF' position, the machine's power will be activated/deactivated. The electric indicator 5 lights up when the button is in the "ON" position.
2. Front light button
3. Button for the light (on the control panel)
4. Speed button: select speed 1, 2 or 3.
5. Voltmeter
6. Switch lock: Turn the wheelbarrow on/off by turning the ignition key to the on/off position.

Operation of the electric wheelbarrow

PRE-DRIVE CHECKS

1.1 Checklist

To ensure correct operation and maximum life-span, certain preliminary checks must be carried out before each work session:

- Battery: check the battery status using the display.
- Tracks: check that they are not tight, loose, or damaged.
- Cleaning: check for the absence of dirt or debris.
- Tightening of parts: check if they are loose and tighten if necessary.
- Transmission clutch lever: check its operation.
- Steering lever: check its operation.
- Skip: check that it is locked in the lowered position.

For more details on maintenance operations, refer to the "Maintenance" chapter.

1.2 Battery check and charging



- Battery: recharge the battery using the appropriate charger.
- Prevent dust or water from entering the charging port

1. Turn on the battery
2. Turn on the wheelbarrow using the keys
3. Check the battery charge percentage using the display

ENGINE START

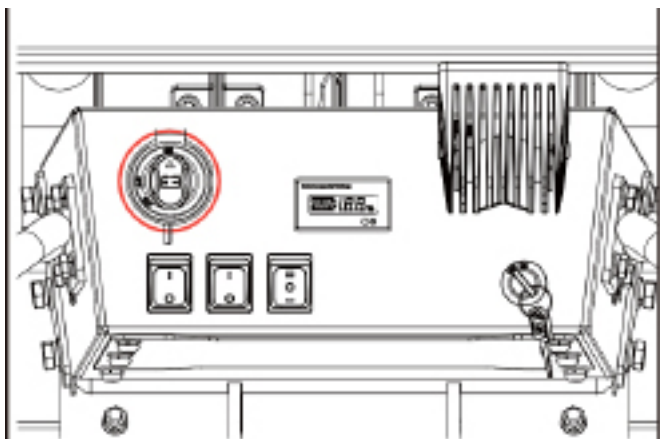


Start the engine after checking the safety background.
To avoid accidents, make sure the transmission clutch is in the stop position before starting the engine.

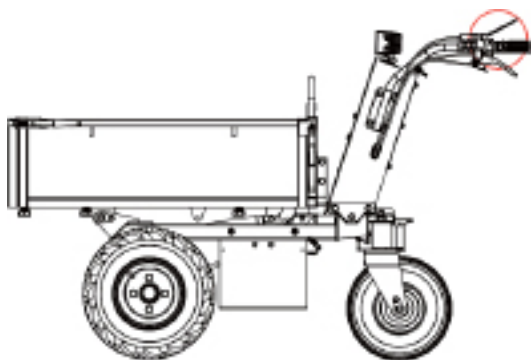


Do not let the handle snap back quickly. Pull the handle back slowly to avoid any damage.
Do not pull the starter handle when the engine is running, as this could damage the starter motor.

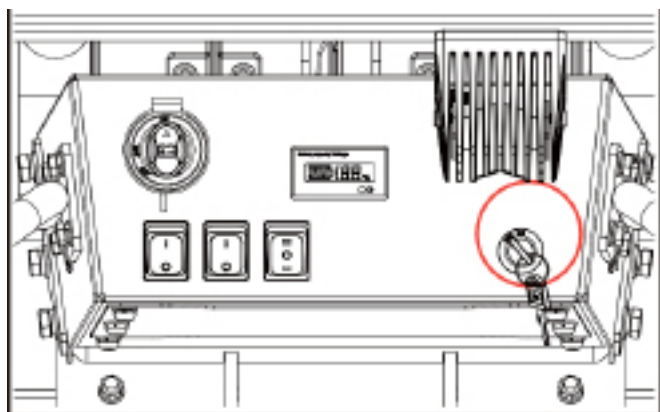
1. Turn on the battery (ON position).



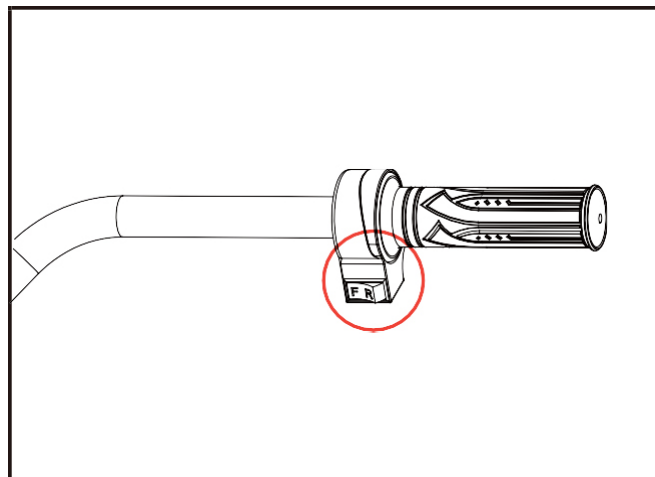
2. Check that the transmission clutch is in the STOP position



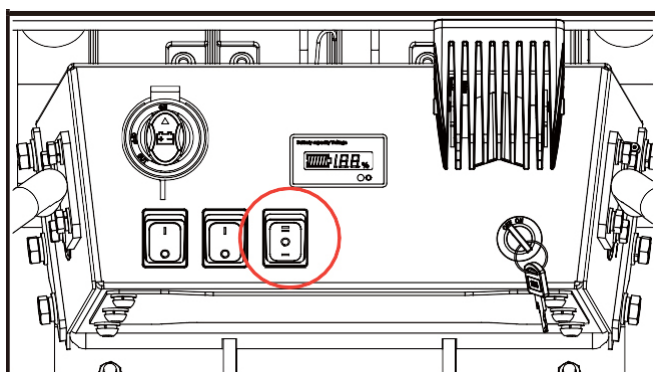
3. Start the machine by turning the keys.



4. Engage the gear ("D" for forward and "R" for reverse)



5. Select the speed (1, 2 or 3)



TRANSMISSION



Before starting work, check that the brakes are working properly.

- To avoid loss of control on steep slopes, move at LOW SPEED, with the throttle in position 1.
- Turns may be sharp. Make sure the load is securely fastened to the bucket. Be particularly careful when driving on a slope.



Never change gear when the machine is moving.

Always change gear when the engine is running and the transmission clutch lever is in the STOP position.

-If the gear lever cannot move, move the transmission clutch lever slightly towards the front. Once this is done, it is possible to move the gear shift lever.

When the engine runs at low speed for a long period, the spark plug can easily accumulate carbon deposits. It is necessary to remove these deposits by running the engine at high speed.

1. Transmission

- 1.1. Follow the engine starting procedure.
- 1.2. Set the speed button to position 1, 2, or 3.
- 1.3. Select the desired speed ("D" for normal speed or "R" for reverse).
- 1.4. Press the red throttle lever to operate the wheelbarrow. The machine moves.
- 1.5. Release the red throttle lever to brake.



2. Transporting the load

To avoid accidents or rollovers:

Respect the safety load limits indicated in the "Safety Instructions" section, chapter 1, and in the "Load Limit" section below. Do not position the load in a way that unbalances the machine's center of gravity. Pay attention to the height of the load. Pay attention to the width of the load.

Check that the load does not exceed the tailgates of the bucket.

Check that the load does not reduce the operator's visibility.

Secure the load using strong ropes or straps, using the tie-down hooks. Do not attach the ropes to other parts of the machine.



When transporting a heavy load, pay particular attention to balancing the machine, ensuring that the load is well distributed and not tilted. If the load is tilted, it can cause serious injuries and damage, as the machine may tip over when starting, braking, or on rough roads.

Before using the machine, check that the skip is properly locked (side gates and front gate).

If using the wheelbarrow on soft or uneven ground, you must reduce the speed and be very careful.

Use low speed and the accelerator in position 1 on steep slopes. Never use reverse gear on a downhill slope.

Be very careful when starting, stopping, and operating the machine when working on a slope.

2.1 Load limits

- Observe the load limits and slope limits indicated below

- In slope conditions:

Always operate the machine with the correct gear ratio.

On unstable ground, reduce speed and proceed with caution

On descents, reduce engine speed and use engine braking.

Pay particular attention when moving or stopping the cart on a slope.

On steep slopes, avoid changing gears and making U-turns.

Secure the load using ropes.

- If you are unable to achieve good stability, consider reducing the load. When visibility decreases on slopes, consider reducing the height of the load.

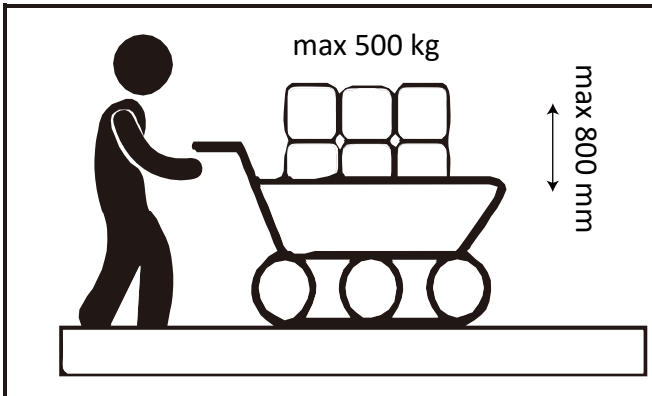


Flat ground conditions

-Max load = 500 kg

-Maximum load height * = 800 mm

* relative to the bottom of the skip



Slope condition

-Maximum permissible slope = 15°

-Maximum load =

200 kg, for slopes < 10° (17%)

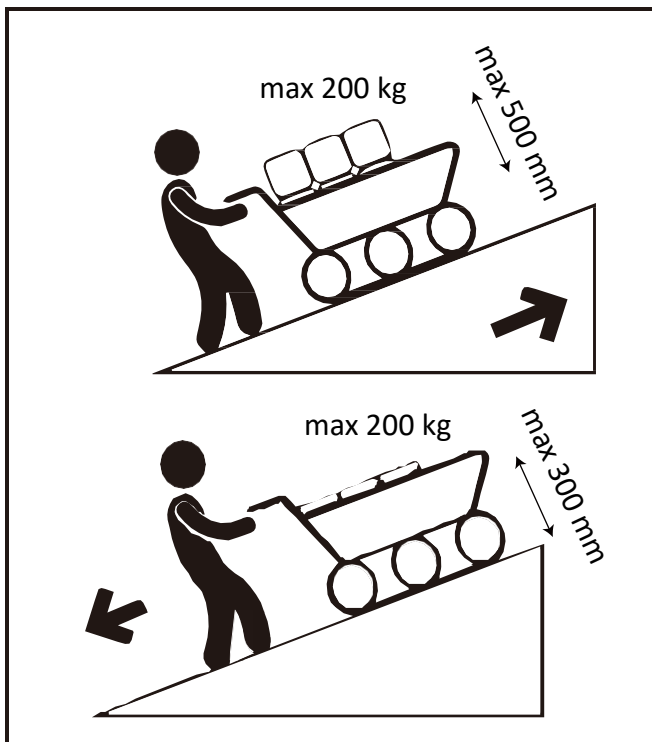
100 kg, for slopes between 10° and 15°
(17%÷26%)

Maximum height relative to the bottom of the
load (from the skip) =

300 mm for descent

500 mm for ascent

* relative to the bottom of the skip

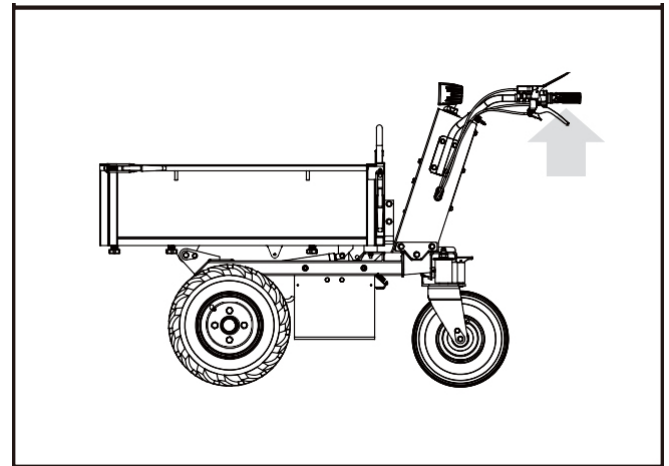


2.2 Unloading



Before unloading, stop the machine (see chapter "Stopping the engine"). Make sure the unloading area is free of people and other objects

1. Take the handle and pull the cable
2. Lift the lever and tilt the skip
3. Once unloading is complete, return the skip to its original position, push the lever firmly, and lock it in the lower position.



STOPPING THE MACHINE



- Avoid sudden stops: the machine/load could tip over.
- Stop the machine on a flat surface, free from any potential danger
- Do not park the machine on an uneven surface, if necessary block the wheels (p.12)

1. Emergency stop

1. Release the red lever of the butterfly valve to brake and stop the wheelbarrow. The machine will stop.
2. Turn off the battery switch.

2. Normal stop

1. Release the red lever of the butterfly valve to brake and stop the wheelbarrow.
2. Turn off by setting the ignition key to OFF.
3. Turn off the battery switch.

MAINTENANCE

Periodic maintenance and adjustments are necessary to keep the machine in good condition. Carry out inspection and maintenance according to the maintenance schedule below.

Do not start maintenance operations in poor visibility conditions.



- Stop the machine before performing any maintenance operation
Before any maintenance operation, wait until the hot parts have cooled down.



- The maintenance technician must use protective equipment



- Use the recommended products.
Use original or equivalent spare parts.
The use of non-equivalent quality parts may damage the machine.

Wheel lubrication

It is recommended to lubricate the wheels every 100 hours of use. This ensures smooth operation.

Tires

Check that the wheel nuts are properly tightened. Loose wing nuts can cause the tires to loosen and loss of control.

Hardware

Regularly check that all fasteners/fixings are properly tightened. Tighten any loose parts.

Cable connections

Periodically check all cable connections.

Braking system

In general, check the motor's carbon brush; a new brush must be replaced if it is significantly worn.

Battery charger

Regularly check the charger to ensure that the cable, plug, housing, or other parts are not damaged, as this could cause fire, electric shock, or injury. If damaged, do not use the charger until the damage has been properly repaired.

Battery

Check the batteries regularly, keep them clean and dry at all times. It is recommended to fully charge the batteries installed in the machine before each use. Always charge the batteries in a vertical position. For best results, charge the batteries when installing them in your machine. During storage, keep the battery case and/or the machine in a vertical position, with the drive wheels of the machine and both support legs at the same level.

STORAGE

If the machine is not used for more than 30 days, follow the procedure below to prepare it for storage.

1. The batteries must be recharged before storage and regularly.
2. The batteries must remain clean and dry. Do not store the entire machine in a damp environment. The batteries also age during storage.
3. Protect the batteries from overheating and flames: risk of explosion.
4. Clean the outside of the machine with clean cloths and ensure that the air intakes are not blocked.
5. Store the machine in a vertical position in a clean and dry environment, with good ventilation.
6. During storage, do not leave the wheelbarrow exposed to direct sunlight.
7. Before storing the batteries, it is necessary to disconnect them from any electrical circuit and preferably place them in a cool, dry place.
8. During storage, disconnect the batteries from the drive unit by separating the connectors and, if necessary, the cables from the terminals.

WARNINGS REGARDING DISPOSAL

The equipment, accessories, and packaging must be delivered to an authorized company for environmentally friendly reuse. Discharged batteries must be recycled in accordance with Directive 2006/66/EC. Do not throw used batteries in household waste, fire, or water. Do not open the batteries and return them to the appropriate collection points. Do not dispose of them with municipal solid waste, but collect them separately. The substances and electrical components contained in this product may be hazardous to the environment if abandoned or misused. The symbol of the "crossed-out wheeled bin with a black bar underneath" indicates that this device was placed on the market after 13/08/05 and must be subject to separate collection. Any abuse will be subject to legal action.

TROUBLESHOOTING

Problem	Cause	Solution
The machine does not work. The machine was running but suddenly stopped. Short operating time (less than 1 to 3 hours per charge). The machine operates slowly. The battery warning lights do not turn on.	Battery discharged.	Charge the battery. A new battery must be charged for at least 12 hours before the machine's first use. After the first use, recharge the battery until the green charging light turns on. Check all connectors. Check that the charger connector is properly connected to the battery case and that the charger is properly plugged into the power outlet. Check that the wall socket power supply is set to "ON".
	The charger does not work.	There is no sure way to know if the charger is working unless you have a voltmeter. If you think there is a problem with the charger, you should contact customer service.
	Loose wires or connectors.	Check all cables and connectors. Ensure that the motor wiring harness connector is connected to the battery and that there are no loose wires.
	Battery discharged.	Recharge the battery as indicated in the user manual.
	Motor damage.	
	Battery overcharged.	Do not recharge the battery for more than 30 hours. If damage due to overcharging is suspected, contact customer service.
	The machine is overloaded and/or the operating conditions are overloaded.	Ensure not to overload the machine, whose maximum capacity is 500 kg, or operate in a less stressful environment.
The machine operates intermittently.	Loose wire or connector.	Check that all wire connections are properly secured.
	Motor or electrical damage.	Contact after-sales service for diagnosis and/or repair.
The battery makes a crackling or bubbling noise during charging.	It is normal for batteries to make noise or swell slightly during charging and there is no need to worry.	No action is necessary.
		If the battery does not make noise or swell slightly during charging, this does not mean it is not accepting the charge.
One or more tires are deflated.	The tire has lost air.	Reinflate the tire with a sufficient amount of air.
	Flat tire.	Repair or replace the damaged inner tube.
	The tire's air valve is not airtight.	Replace or tighten the tire's air valve.
The machine seems loose or less solid than during the initial assembly.	The fasteners have loosened.	Tighten all parts using appropriate tools.

EC DECLARATION OF CONFORMITY - HERSTELLERERKLÄRUNG - DECLARATION 'CE' DE CONFORMITE - DECLARACION DE CONFORMIDAD - DICHIARAZIONE DI CONFORMITA' EUROPEA - GELIJKVORMIGHEIDSVERKLARING - EC DEKLARATION I OVERENSSTEMMELSE - DECLARAÇÃO CE DE CONFORMIDADE - EY ILMOITUS - FORSAKRAN OM OVERENSSTAMMELSE - BEKREFTENDE EU ERKLÆRING - ΔΗΛΩΣΗ ΕΚ ΣΥΜΜΟΡΦΩΣΗΣ - EUROPEJSKA DEKLARACJA ZGODNOSCI

1) MANUFACTURER - HERSTELLER - FABRICANT - FABRICANTE - ~~STRUTTORE~~ - CONSTRUCTEUR - PRODUCENT - FABRICANTE - VALMISTAJA - TILLVERKARE - FABRIKANT - Κατασκευαστής - PRODUCENT: Blue Bird Industries Fabbrica Motori s.r.l. Via Due Camini 19, 36010 Zanè (VI) Italia

2) DESCRIPTION OF THE MACHINERY - BESCHREIBUNG DER MASCHINE - DESCRIPTION DE LA MACHINE - DESCRIPCION DE LA MAQUINARIA - DESCRIZIONE DELLA MACCHINA - BESCHRIJVING VAN DE MACHINE - BESKRIVELSE AF MASKINEN - DESCRIÇÃO DA MAQUINA - KONEEN NIMITYS - MATERIELSLAG - BESKRIVELSE AV MASKINERI ET - ΠΕΡΙΓΡΑΦΗ ΤΩΝ ΜΗΧΑΝΩΝ - OPIS MASZYN: MOTOCARRIOLA / WHEELBARROW

a) MAKE - FABRIKAT - MARQUE - MARCA - MARCA - MERK - MÆRKE - MARCA - MERKKI - FABRIKAT - FABRIKANT - MAPKA - MARKA: BLUE BIRD

a) TYPE / TYP / TYPE / TIPO / TIPO / TYPE / TYPE / TIPO / MALLI / TYPBE / TYPE / ΤΥΠΟΣ / ΤΥΡ: WB 500 E WB 500 EB WB 500 EH

b) Il prodotto è conforme alle direttive - The product complies with the directives - Das Produkt entspricht den Richtlinien - Le produit est conforme aux directives - El producto cumple con las directivas:

- 2006/42/EC - 2014/30/EU - 2000/14/EC (2005/88/EC) - 2011/65/EU

c) REFERENCE TO STANDARDS/HARMONIZED STANDARDS - VERWEIS AUF NORMEN/ARMONISIERTE NORMEN - REFERENCE AUX NORMES/NORMES HARMONISEES - REFERENCIA A ESTANDARES/ESTANDARES ARMONIZADOS - RIFERIMENTO ALLE NORME/NORME ARMONIZZATE - REFERENTIE NAAR STANDAARDEN/GEHARMONISEERDE STANDAARDEN - REFERENCE TIL STANDARDER/HARMONISEREDE STANDARDER - REFERENCIA AS NORMAS/NORMAS HARMONIZADAS - VITTAUS STANDARDIIN/YLEISIIN STANDARDIIN - REFERERANDE TILL STANDARDER/HARMONISERADE STANDARDER - HENVISNING TIL STANDARD/FELLES STANDARD - ΑΝΑΦΟΡΑ ΣΤΑ ΠΡΟΤΥΠΑ/ΕΝΑΡΜΟΝΙΣΜΕΝΑ ΠΡΟΤΥΠΑ - ODNIESIENIE DO NORM/NORM ZHARMONIZOWANYCH: EN ISO 12100:2010 EN 61284-1:2015

2000/14/EC (2005/88/EC) – Livelli di potenza sonora come da allegato V – Sound Power Levels performed per annex V	
TIPO	Livelli di Potenza Sonora Misurata / Livelli di Potenza Sonora Garantita LWA Sound Power Levels Measured / Sound Power Level Guaranteed LWA (dB)
WB 500 E	69 / 89
WB 500 EB	
WB 500 EH	

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Via Due Camini, 19
36010 ZANÉ ITALIA

Tel. 0445 314138

Fax 0445 314225

www.bluebirdind.com