

 **Husqvarna**[®]



LFe 60

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Introduction

Product description

The product is a walk-behind light forward plate compactor with an electric motor. The product is used for compaction of thin to moderately thick layers of granular soils. With the optional water tank, the product can also be used for compaction of asphalt.

Descriptions of the identification letters for the product variants:

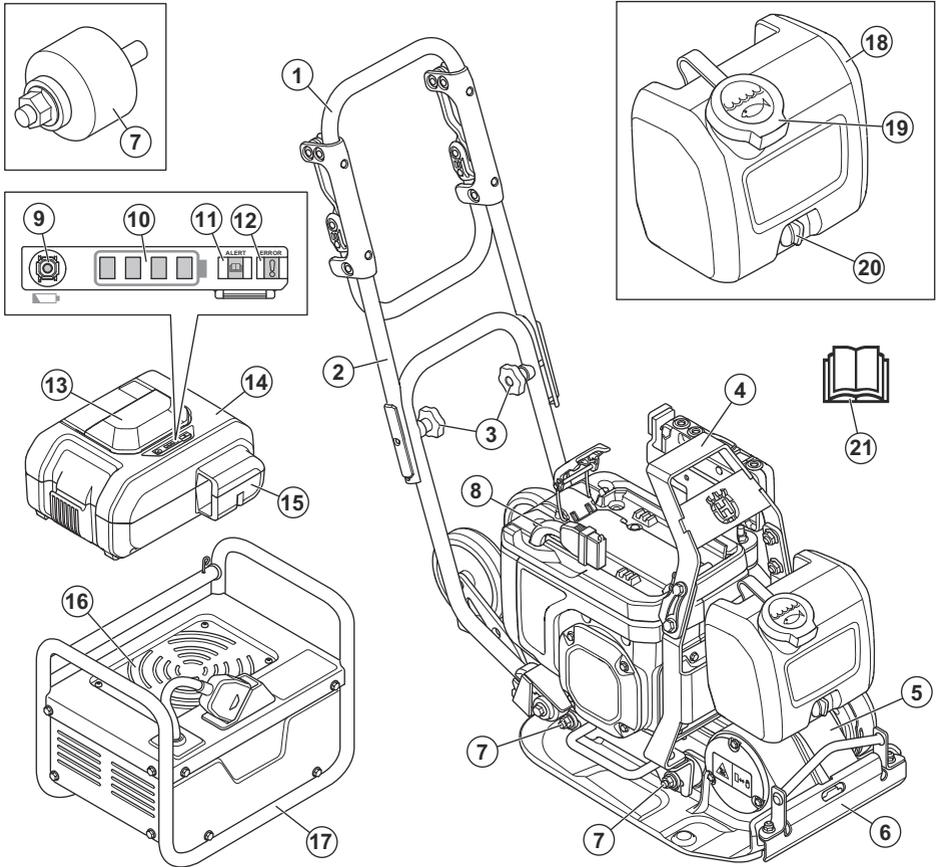
- L = Low vibration handle is included.

- A = Water tank for compaction of asphalt is included.
- T = Transport wheels are included.

Intended use

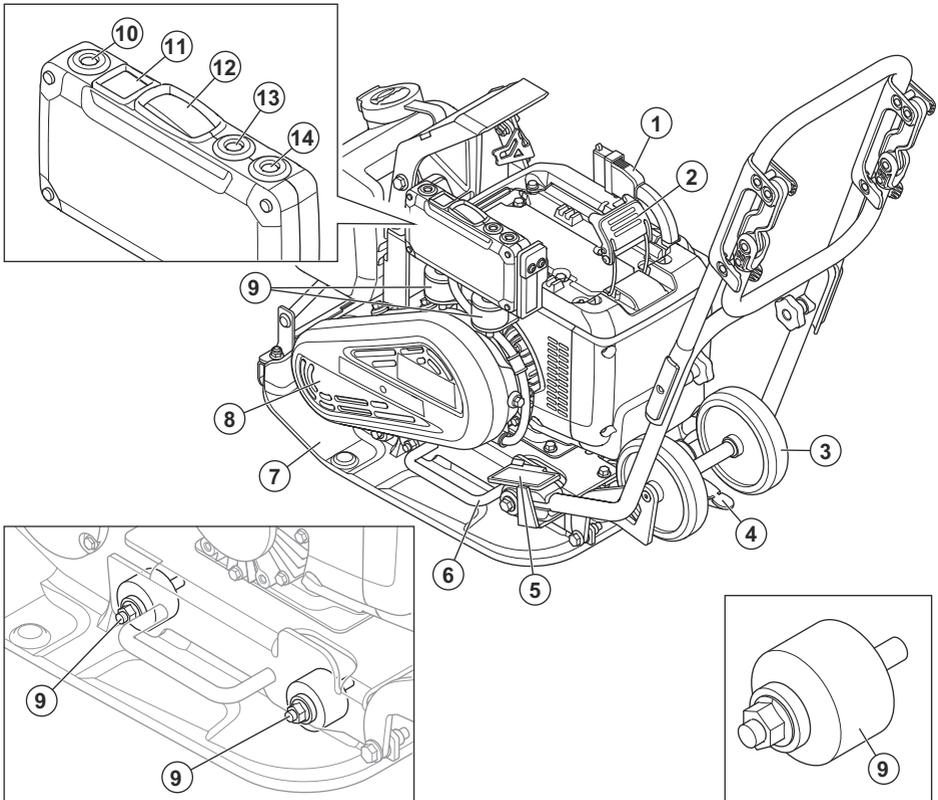
The product is for professional operation only. Use the product for repairs and maintenance of driveways, paths and parking lots. With the optional block paving kit the product can also be used for block paving. Do not use the product for other tasks.

Product overview front



- | | |
|---------------------------------------|---------------------------------------|
| 1. Handle | 12. "ERROR" indicator for the battery |
| 2. Upper handle | 13. Battery handle |
| 3. Handle knobs | 14. Battery (not included) |
| 4. Lift point | 15. Battery connector |
| 5. Eccentric element | 16. Air intake |
| 6. Water supply | 17. Battery charger (not included) |
| 7. Vibration damping units | 18. Water tank |
| 8. Battery cable | 19. Water tank cap |
| 9. Battery check button | 20. Water tap |
| 10. Battery status indicator | 21. Operator's manual |
| 11. "ALERT" indicator for the battery | |

Product overview rear



1. Battery cable
2. Battery fastener lever
3. Transportation wheel
4. Transportation wheel lever
5. Type plate
6. Lifting handle
7. Bottom plate
8. V-belt cover
9. Vibration damping units
10. Power indicator
11. Power button
12. ON / OFF" button
13. "ALERT" indicator for the product
14. "ERROR" indicator for the product

Symbols on the product



WARNING: This product can be dangerous and cause serious injury or death to the operator or others. Be careful and use the product correctly.



Read the manual carefully and make sure that you understand the instructions before you use the product.



Use heavy-duty slip-resistant boots.



Wear approved hearing protection.



To lift the product, attach lifting equipment to the lift point on the product.



The product is not domestic waste. Recycle it at an approved disposal location for electrical and electronic equipment.



This product is in compliance with applicable EC directives. Refer to *EC Declaration of Conformity on page 25*.



This product conforms to the applicable UK regulations. Refer to *UK Declaration of Conformity on page 26*.

1. Rated voltage
2. IP classification
3. Product type
4. Product number
5. Product weight
6. Serial number
7. Manufacturer
8. Rated power
9. Production year

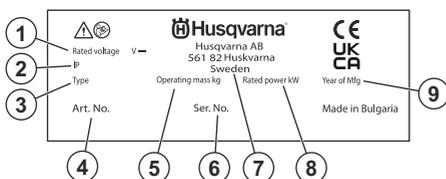
Product liability

As referred to in the product liability laws, we are not liable for damages that our product causes if:

- the product is incorrectly repaired.
- the product is repaired with parts that are not from the manufacturer or not approved by the manufacturer.
- the product has an accessory that is not from the manufacturer or not approved by the manufacturer.
- the product is not repaired at an approved service center or by an approved authority.

Note: Other symbols/decals on the product refer to special certification requirements for some markets.

Type plate



Safety

Safety definitions

Warnings, cautions and notes are used to point out specially important parts of the manual.



WARNING: Used if there is a risk of injury or death for the operator or bystanders if the instructions in the manual are not obeyed.



CAUTION: Used if there is a risk of damage to the product, other materials or the adjacent area if the instructions in the manual are not obeyed.

Note: Used to give more information that is necessary in a given situation.

General power tool safety warnings



WARNING: Make sure to read the approved accessory manual together with this power units manual.



WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Note: Save all warnings and instructions for future reference. The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work area safety

- **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

Electrical safety

- **Power tool plugs must match the outlet. Never modify the plug in any way.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **Do not abuse the cord.** Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **If operating a power tool in a damp location is unavoidable, use a residual circuit interrupter (RCD) protected supply.** Use of a RCD reduces the risk of electric shock



CAUTION: Do not pressure wash the machine, as water can enter the electrical system or the motor and cause damage to the machine or short circuit.

Personal safety

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat or hearing

protection used for appropriate conditions will reduce personal injuries.

- **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

Power tool use and care

- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
- **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and

grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

Battery tool use and care

- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritations or burns.
- **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
- **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.
- **Remove the battery pack from the tool before making adjustments, changing accessories, or storing the tool.** Such preventive safety measures reduce the risk of starting the battery tools accidentally.

Service

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

- **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

General safety instructions



WARNING: Read the warning instructions that follow before you use the product.

- This product is a dangerous tool if you are not careful or if you use the product incorrectly. This product can cause serious injury or death to the operator or others. Before you use the product, you must read and understand the contents of this operator's manual.
- Save all warnings and instructions.
- Comply with all applicable laws and regulations.
- The operator and the employer of the operator must know and prevent the risks during operation of the product.
- Do not let a person operate the product unless they read and understand the contents of the operator's manual.
- Do not operate the product unless you receive training before use. Make sure that all operators receive training.
- Do not let a child operate the product.
- Only let approved persons operate the product.
- The operator is responsible for accidents that occur to other persons or their property.
- Do not use the product if you are tired, ill, or under the influence of alcohol, drugs or medicine.
- Always be careful and use your common sense.
- This product produces an electromagnetic field during operation. This field can under some circumstances interfere with active or passive medical implants. To decrease the risk of serious injury or death, we recommend persons with medical implants to speak to their physician and the medical implant manufacturer before operating this product.
- Keep the product clean. Make sure that you can clearly read signs and decals.
- Do not use the product if it is damaged.
- Do not make modifications to this product.
- Do not operate the product if it is possible that other persons have made modifications to the product.

Safety instructions for operation



WARNING: Read the warning instructions that follow before you use the product.

- Make sure that you know how to stop the motor quickly in an emergency.
- The operator must have the physical strength that is necessary to operate the product safely.

- Do not operate the product without all protective covers installed.
 - Use personal protective equipment. Refer to *Personal protective equipment on page 9*.
 - Make sure that only approved persons are in the work area.
 - Keep the work area clean and bright.
 - Make sure that you are in a safe and stable position during operation.
 - Make sure that there is no risk that you or the product can fall from a height.
 - Make sure that there is no grease or oil on the handle.
 - Do not use the product in areas where fire or explosions can occur.
 - The product can cause objects to eject at high speed. Make sure that all persons in the work area use approved personal protective equipment. Remove loose objects from the work area.
 - Before you go away from the product, stop the motor and make sure that there is no risk of accidental start.
 - Make sure that clothes, long hair and jewelry do not get caught in moving parts.
 - Do not sit on the product.
 - Do not hit the product.
 - Always operate the product from behind with your hands on the handle.
 - Do not operate the product near electrical cables. The product does not have electrical insulation and injury or death can occur.
 - Before you operate the product, find out if there are hidden wires, cables and pipes in the work area. If the product hits a hidden object, stop the engine immediately and examine the product and the object. Do not start to operate the product again until you know that it is safe to continue.
 - Do not touch the bottom plate when you operate the product or after the engine stops. The bottom plate is hot. Hot areas can cause injury.
- Symptoms can occur during operation of the product or at other times. If you have symptoms and continue to operate the product, the symptoms can increase or become permanent. If these or other symptoms occur, get medical aid:
 - Numbness, loss of feeling, tingling, pricking, pain, burning, throbbing, stiffness, clumsiness, loss of strength, changes in skin color or condition.
 - Symptoms can increase in cold temperatures. Use warm clothing and keep your hands warm and dry when you operate the product in cold environments.
 - Do maintenance on and operate the product as given in the operator's manual, to keep a correct vibration level.
 - The product has a vibration damping system that decreases the vibrations from the handles to the operator. Let the product do the work. Do not push the product with force. Hold the product at the handles lightly, but make sure that you control the product and operate it safely. Do not push the handles into the end stops more than necessary.
 - Keep your hands on the handle or handles only. Keep all other body parts away from the product.
 - Stop the product immediately if strong vibrations suddenly occurs. Do not continue the operation before the cause of the increased vibrations is removed.

Dust safety



WARNING: Read the warning instructions that follow before you use the product.

- Operation of the product indoors can cause dust in the air. Dust can cause serious injury and permanent health problems. Silica dust is regulated as harmful by several authorities. These are examples of such health problems:
 - The fatal lung diseases chronic bronchitis, silicosis and pulmonary fibrosis
 - Cancer
 - Birth defects
 - Skin inflammation
- Use correct equipment when operating the product indoors to decrease the quantity of dust and fumes in the air and to decrease dust on work equipment, surfaces, clothing and body parts. Examples of controls are dust collection systems and water sprays to bind dust. Decrease dust at the source where possible. Make sure that the equipment is correctly installed and used and that regular maintenance is done.
- Use approved respiratory protection when operating the product indoors. Make sure that the respiratory protection is applicable for the dangerous materials in the work area.

Vibration safety



WARNING: Read the warning instructions that follow before you use the product.

- During operation of the product, vibrations go from the product to the operator. Regular and frequent operation of the product can cause or increase the degree of injuries to the operator. Injuries can occur in fingers, hands, wrists, arms, shoulders, and/or nerves and blood supply or other body parts. The injuries can be debilitating and/or permanent, and can increase gradually during weeks, months or years. Possible injuries include damage to the blood circulation system, the nervous system, joints, and other body structures.

- Make sure that the airflow is sufficient in the work area when operating the product indoors.

Noise safety



WARNING: Read the warning instructions that follow before you use the product.

- High noise levels and long-term exposure to noise can cause noise-induced hearing loss.
- To keep the noise level to a minimum, do maintenance on and operate the product as given in the operator's manual.
- Use approved hearing protection while you operate the product.
- Listen for warning signals and voices when you use hearing protection. Remove the hearing protection when the product is stopped, unless hearing protection is necessary for the noise level in the work area.

Personal protective equipment



WARNING: Read the warning instructions that follow before you use the product.

- Always use approved personal protective equipment when you operate the product. Personal protective equipment cannot fully prevent injury but it decreases the degree of injury if an accident does occur. Let your dealer help you select the correct personal protective equipment.
- Regularly do a check of the condition of the personal protective equipment.
- Use an approved protective helmet.
- Use approved hearing protection.
- Use approved respiratory protection when operating the product indoors.
- Use approved eye protection with side protection.
- Use protective gloves.
- Use boots with steel toe-cap and non-slip sole.
- Use approved work clothing or equivalent close-fitting clothing that has long sleeves and long legs.

Fire extinguisher

- Keep a fire extinguisher near during operation.
- Use a powder fire extinguisher of "ABE" class or a carbon dioxide fire extinguisher of "BE" type.

Safety devices on the product

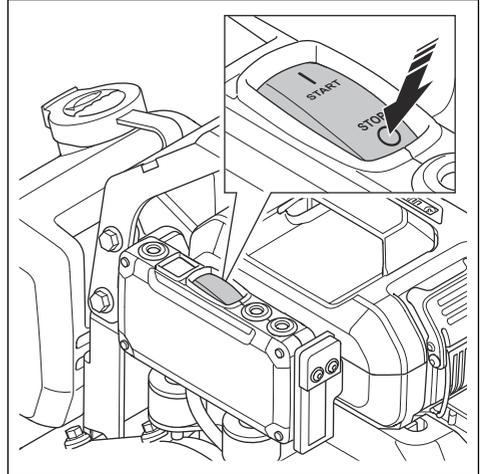


WARNING: Read the warning instructions that follow before you use the product.

- Do not use a product with safety devices that are damaged or do not operate correctly.
- Do a check of the safety devices regularly. If the safety devices are damaged or do not operate correctly, speak to your Husqvarna service agent.
- Do not make modifications to safety devices.

To do a check of the stop button

1. Start the product. Refer to *To start the product on page 12*.
2. Push the "STOP" button.



3. If the motor does not stop, let an approved service center do servicing on the product.

Vibration damping units

The vibration damping units decrease vibration in the product. The vibration damping units decrease harmful vibrations to prevent injury to the operator and damage to the product.

To do a check of the vibration damping units

There are 4 vibration damping units, 2 on the left side and 2 on the right side of the product.

- Make sure that the vibration damping units are correctly installed.
- Examine the vibration damping units for damages and wear.
- Replace the vibration damping units if it is necessary.

Battery safety



WARNING: Read the warning instructions that follow before you use the product.

- Only use the batteries that we recommend for your product. The batteries are software encrypted.
- Use only original batteries for this product. There is a risk of explosion if the batteries are replaced with a battery of incorrect type. Speak to your dealer for more information.
- Use batteries that are rechargeable as a power supply for the related Husqvarna products only. To prevent injury, do not use the battery as a power supply for other devices.
- Risk of electrical shock. Do not connect the battery terminals to keys, screws or other metal. This can cause a short circuit of the battery.
- If the battery leaks, do not let the liquid touch your body or eyes. If you have touched the liquid, clean the area with a large quantity of water and get medical aid.
- Do not use batteries that are non-rechargeable.
- Do not do modifications to the battery.
- Do not put objects into the air slots of the battery.
- Keep the battery away from sunlight, heat or open flame. The battery can cause an explosion and cause burns and/or chemical burns.
- Keep the battery away from rain and wet conditions.
- Keep the battery away from microwaves and high pressure.
- Do not try to disassemble or break the battery.
- Use the battery in temperatures between 5 °C/41 °F and 40 °C/104 °F.
- Do not clean the battery or the battery charger with water. Refer to *To clean the product on page 14*.
- Do not use a defective or damaged battery.
- Keep batteries in storage away from metal objects such as nails, screws or jewelry.
- Keep the battery away from children.
- Keep all cables and extension cables away from water, oil and sharp edges. Make sure that the cable is not caught between doors, fences or equivalent. Do not charge while the cable is wound up. This can cause the cable to become too hot.
- Do not use the battery charger near flammable materials or materials that can cause corrosion. Make sure that the battery charger is not covered. Pull out the plug to the battery charger if there is smoke or fire.
- Only charge the battery indoors in a location with good airflow and away from sunlight. Do not charge the battery outdoors. Do not charge the battery in wet conditions.
- Only use the battery charger where the temperature is between 5 °C/41 °F and 30 °C/86 °F. Use the charger in an environment which has a good airflow, dry and without dust.
- Do not put objects into the air slots of the battery charger.
- Do not connect the battery charger terminals to metal objects as this can short circuit the battery charger.
- Do not charge non-rechargeable batteries in the battery charger or use them in the machine.
- Use an approved power outlet that are not damaged.
- Do not charge if there is a risk of thunderstorm.
- Only charge when the battery charger is on a level surface.
- Keep the battery charger away from children.
- When the battery is charged, disconnect the battery charger from the power outlet.

Battery charger safety



WARNING: Read the warning instructions that follow before you use the product.

- Risk of electrical shock or short circuit if the safety instructions are not obeyed.
- This product produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this product.
- Do not try to disassemble the battery charger.
- Do not do modifications to the battery charger.
- Do not use a defective or damaged battery charger.
- Do not lift the battery charger by the power cord. To disconnect the battery charger from a mains socket, pull out the plug. Do not pull the power cord.



WARNING: Read the warning instructions that follow before you use the product.

- There is a risk that the product falls when you operate it near an edge. Always keep a minimum of ⅓ of the product on a surface that is sufficiently stable to hold the product weight.
- If the product falls, stop the motor before you lift the product back to a surface that is sufficiently stable. Refer to *To stop the product on page 12*.

Safety instructions for operation on slopes



WARNING: Read the warning instructions that follow before you use the product.

- Do not operate the product on a slope that is more than 20°. Loose ground, vibrations and the operation speed can cause the product to fall on a slope that is less than 20°.

- Make sure that the work area is safe. Wet and loose soil decreases safe operation of the product. Be very careful on slopes and rough surfaces.
- Make sure that all persons in the work area are above the product on the slope.
- Operate the product up and down the slope, not from side to side.
- Do not park the product on a slope. If you must park the product on a slope, make sure that the product cannot fall. There is a risk of injury and damage.
- Disconnect the product from the power source before you do the maintenance.
- Do not change the product. Modifications that are not approved by the manufacturer can cause serious injury or death.
- Always use original accessories and spare parts. Accessories and spare parts that are not approved by the manufacturer, can cause serious injury or death.
- Replace damaged, worn or broken parts.
- Only do the maintenance as given in this operator's manual. Let an approved service agent do all other servicing.
- If the replacement of the supply cord is necessary, this has to be done by the manufacturer or his agent in order to avoid a safety hazard.
- After maintenance, do a check of the vibration level in the product. If it is not correct, speak to an approved service agent.
- Let an approved service agent do servicing on the product regularly.

Safety instructions for maintenance



WARNING: Read the warning instructions that follow before you use the product.

- If the maintenance is not done correctly and regularly, the risk of injury and damage to the product increases.
- Use personal protective equipment. Refer to *Personal protective equipment on page 9*.
- Clean the product to remove dangerous material before you do the maintenance.

Operation

Introduction



WARNING: Read and understand the safety chapter before you use the product.

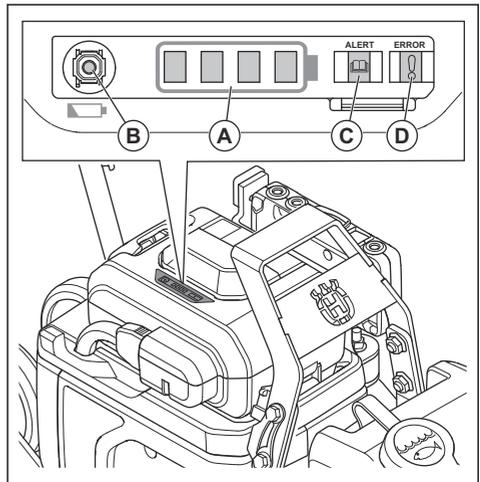
To do before you operate the product

- Read the operator's manual carefully and make sure that you understand the instructions.
- Read the motor manual that is supplied by the motor manufacturer.
- Do the daily maintenance. Refer to *Maintenance schedule on page 13*.

Battery status

The battery status indicator (A) comes on when the product operates.

The battery status indicator is off when the product is not in operation. The battery check button (B) must be pushed for the battery status indicator to come on.



If there is an error with the battery, the "ALERT" indicator (C) or the "ERROR" indicator (D) on the battery comes on. Refer to "ALERT" and "ERROR" indicators on the battery on page 17.

State of charge	Symbol in the status indicator
Fully charged.	

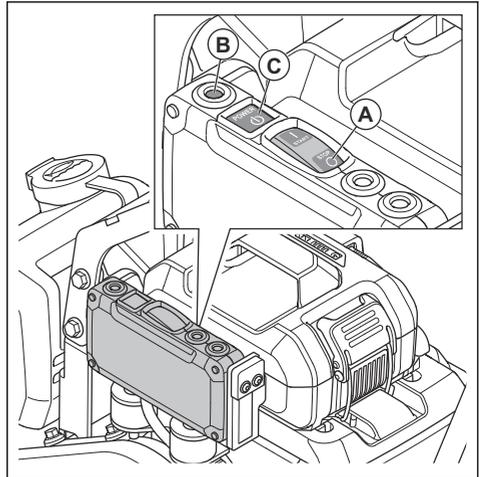
State of charge	Symbol in the status indicator
Sufficiently charged.	
The battery power is low.	 
The battery is empty. The battery status indicator flashes. Charge the battery. Refer to <i>To charge the battery on page 15</i> .	

- Push the "START" button (D).

To stop the product

Do 1 of the procedures that follow to stop the product.

- Push the "STOP" button (A) to stop the product. The power indicator (B) goes off.



- Push the "POWER" button (C) to stop the product. The power indicator (B) goes off.

To operate the product



CAUTION: Always operate the product forward. Rearward movement prevents correct function of the eccentric element and can cause product failure.

- Hold the handle and push the product forward.



CAUTION: Do not push the product down. Too much pressure can cause unsatisfactory result.

- To change direction, turn the product around.

Water tank

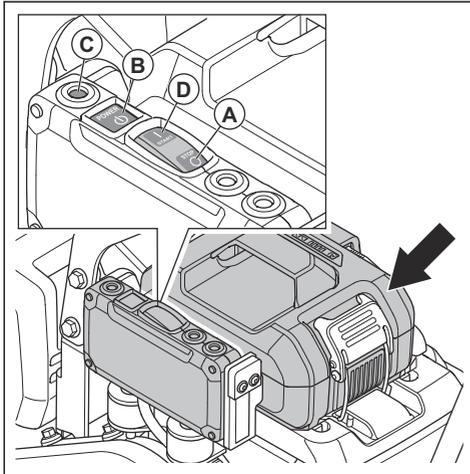
For LFe 60 there is an optional water tank for compaction of asphalt.



CAUTION: Do not add other fluids than water to the water tank. Other fluids can cause damage to the product and be harmful to the environment.

To start the product

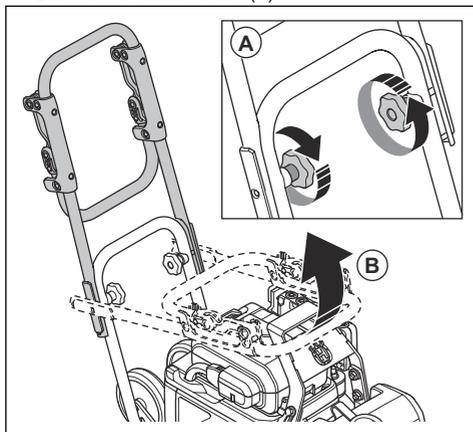
- Put the battery in the battery holder. Make sure that the battery is correctly installed. Refer to *To install the battery on page 15*.
- Push the "STOP" button (A).



- Push the "POWER" button (B). The power indicator (C) becomes green.

To set the product in operation position

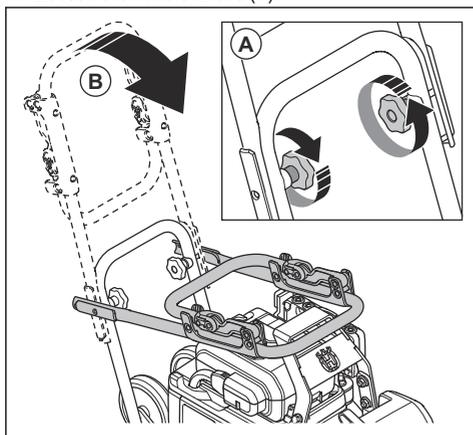
1. Loosen the handle knobs (A).



2. Lift the handle (B).
3. Tighten the handle knobs (A).

To set the product in transport position

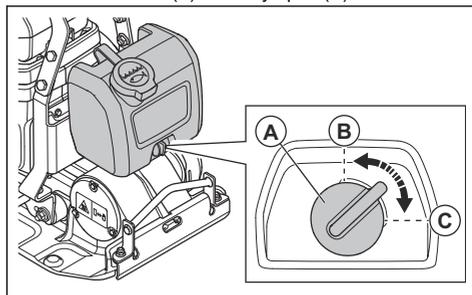
1. Loosen the handle knobs (A).



2. Lower the handle (B).
3. Tighten the handle knobs (A).

To adjust the water flow

- Turn the water tap (A). Adjust the water flow between closed (B) and fully open (C) mode.



Maintenance

Introduction



WARNING: Read and understand the safety chapter before you do maintenance on the product.

Maintenance schedule

* = General maintenance done by the operator. The instructions are not given in this operator's manual.

X = The instructions are given in this operator's manual.

General product maintenance	Before use, each 10 h	Weekly, each 100 h
Do a general inspection.	X	
Clean the product.	X	
Make sure that nuts and screws are tightened.	*	
Make sure that the "STOP" button operates correctly and is not defective.	X	
Examine the battery for damage.	X	
Examine the battery charger for damage and make sure that it operates correctly.	*	
Examine the connections between the battery and the product. Also examine the connection between the battery and the battery charger.	*	
Examine the vibration damping units for damage.		X
Examine the tension of the V-belt and look for damages. Adjust or replace the V-belt as necessary.		X

To clean the product

- Use running water from a hose or compressed air to clean the product.



CAUTION: Do not point the water at electrical components, the battery or the motor.

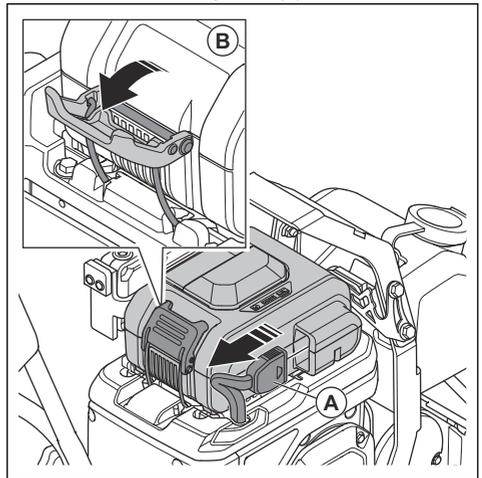
- Remove grease and oil from the handle.
- Clean the battery with a dry cloth. Keep the battery guide tracks clean.
- Disconnect the battery charger from the mains outlet. Clean the battery charger with a dry cloth. Keep the battery guide tracks clean.

To do a general inspection

- Make sure that all nuts and screws on the product are tightened correctly.

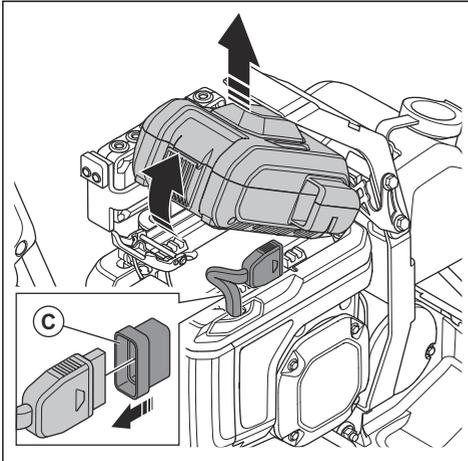
To remove the battery

- Disconnect the battery cable (A).



- Pull the battery fastener lever (B) down to unlock the battery.

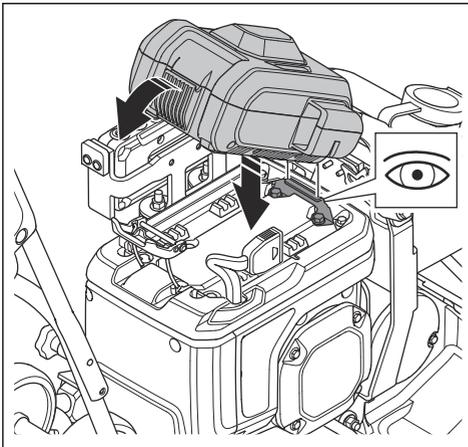
3. Tilt the battery and remove the battery from the battery holder.



4. Install the cap (C) to the battery cable.

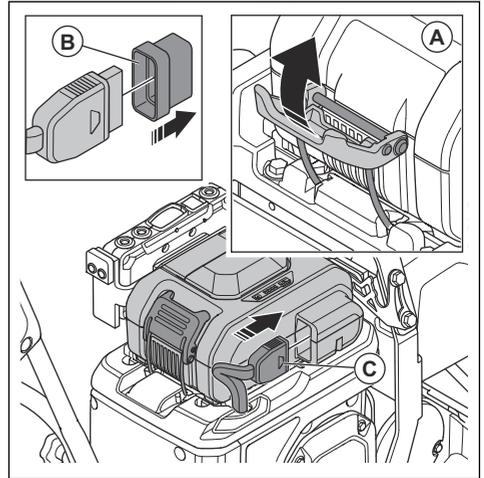
To install the battery

1. Make sure that the battery guide tracks are clean.
2. Tilt the battery and put the battery into the hook of the battery holder.



3. Push down the battery. The battery must move into the battery holder easily. If not, it is not installed correctly.

4. Push the battery fastener (A) up to lock the battery.

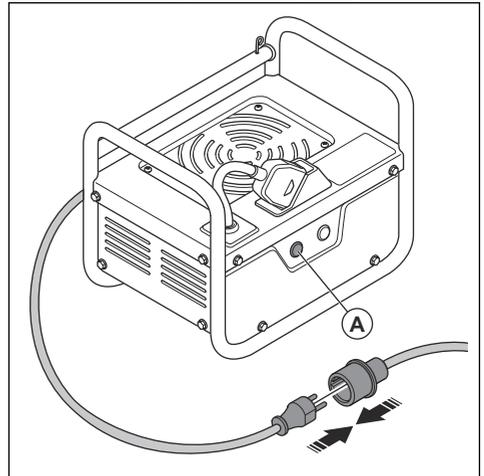


5. Remove the cap (B) from the battery cable.

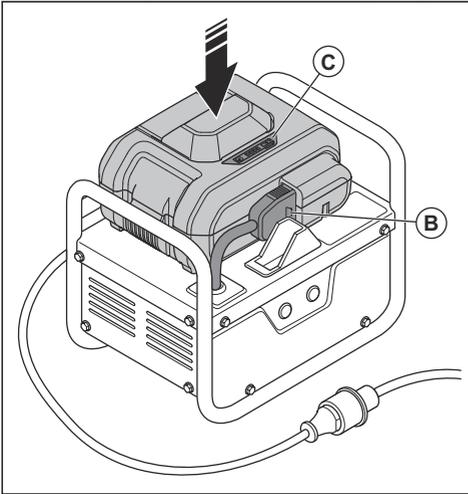
6. Connect the battery cable (C).

To charge the battery

1. Remove the battery from the product. Refer to *To remove the battery on page 14*.
2. Put the battery charger on a level surface.
3. Connect the battery charger to a mains outlet. The power indicator (A) of the battery charger comes on.



- Put the battery in the center of the battery charger.



- Connect the battery charger connector (B) to the battery to charge the battery. All indicators on the battery charger and the battery (C) come on for 1 second. Then the power indicator (A) of the battery charger stays on. The battery status indicator (C) on the battery lights or flashes to show the state of charge. Refer to *Battery status on page 11*.

Note: The time to charge the battery from 0 to 100% is 90 minutes.

- When the battery is fully charged, the battery status indicator goes off.
- Disconnect the battery charger connector.
- Remove the battery from the battery charger.
- Disconnect the battery charger from the mains outlet.

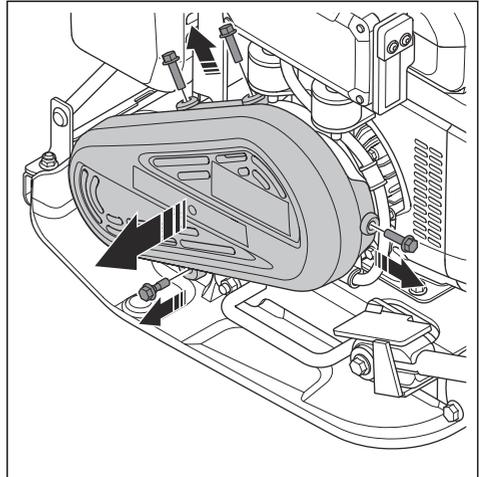
To do a check of the V-belt



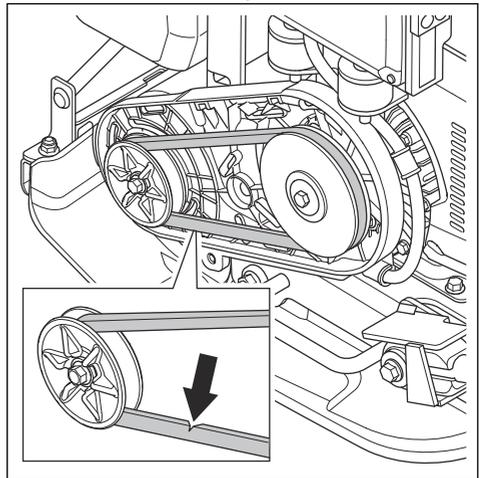
WARNING: Do not operate the product without the V-belt cover installed.

- Make sure that the power is off. Refer to *To stop the product on page 12*.

- Remove the 4 screws that hold the V-belt cover and remove the V-belt cover.



- Examine the V-belt for damages and wear. Replace the V-belt if it is necessary.



- Examine the tension of the V-belt.
- If the tension is not sufficient, replace the V-belt.
- Install the V-belt cover.

Troubleshooting

Problem	Cause	Solution
The product does not start.	The battery is not installed correctly.	Install the battery correctly. Make sure that the battery cable is connected to the product.
	Low battery voltage.	Charge the battery
	The battery is defective.	Replace the battery.
The charging of the battery does not start.	The battery charger is disconnected to a mains outlet.	Connect the battery charger to a mains outlet.
	The battery charger connector is not connected to the battery.	Connect the battery charger connector to the battery.
The charging of the battery stops.	The temperature of the battery is too high.	Make sure that there is no distance between the air intake of the battery charger and the air intake/air outlet of the battery.
Unusual noises from the battery.		Speak to an approved service agent.
The "ALERT" indicator on the product flashes.	The protection function is engaged.	Speak to an approved service agent.
	The "START" button is engaged when the power button is pushed.	Push the "STOP" button. Then push the "POWER" button.
	The battery is too hot.	Stop the product and wait until it becomes cool.
The "ERROR" indicator on the product comes on.	The protection function is engaged.	Speak to an approved service agent.
The "ALERT" indicator and "ERROR" indicator on the battery flashes or comes on.	Refer to <i>"ALERT" and "ERROR" indicators on the battery on page 17.</i>	

"ALERT" and "ERROR" indicators on the battery

If the "ALERT" indicator and/or the "ERROR" indicator on the battery comes on, a system error has occurred. Do the troubleshooting procedure. If the problem stays, speak to an approved service agent.

Indicator			Cause	Solution
"ALERT"	"ERROR"	Battery status		
Flashes	-	-	Battery error.	Disconnect the battery and wait for approximately 5 minutes. Push the battery check button. If the "ALERT" indicator goes off, the product can be used.
		4 LEDs in the state of charge symbol flash.	Overvoltage.	Disconnect the battery and wait for approximately 5 minutes. Push the battery check button. The "ALERT" indicator goes off. Connect the battery.
		1 LED in the state of charge symbol flashes.	Low battery voltage.	Disconnect the battery and wait for approximately 5 minutes. Push the battery check button. The "ALERT" indicator goes off. Charge the battery.
-	On	-	Product error, battery error or battery charger error.	Disconnect the battery and wait until all indicators go off. Push the battery check button. <ul style="list-style-type: none"> If the "ERROR" indicator goes off, the product can be used. Remove unwanted material around the battery. Connect the battery to the product or the battery charger. If the "ERROR" indicator stays on, there is an error with the product or battery charger.
	Flashes		The battery is defective.	Replace the battery.

Transportation, storage and disposal

Transportation



WARNING: Be careful during transportation. The product is heavy and can cause injury or damage if it falls or moves during transportation.

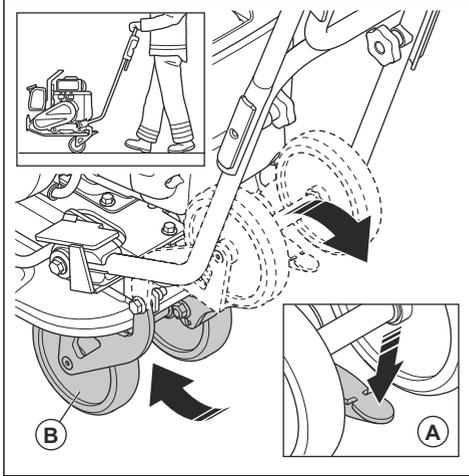
Transport wheels let you move the product manually for shorter distances. For longer distances, lift the product to move it or put the product on a vehicle.



CAUTION: Do not tow the product behind a vehicle.

To engage the transport wheels (optional)

- Push the transport wheel lever (A) to fold the transport wheels (B) down, below the bottom plate.



To lift the product

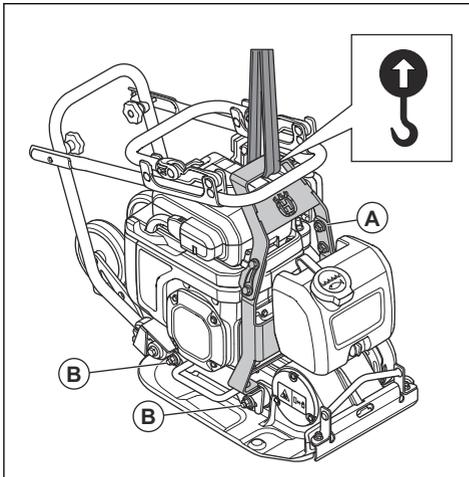


WARNING: Make sure that the lifting equipment has the correct specification to lift the product safely. The type plate on the product shows the product weight.



WARNING: Do not walk or stay below or near a lifted product.

- Attach the lifting equipment at the lifting point of the safety frame. A label on the product identifies the correct position.



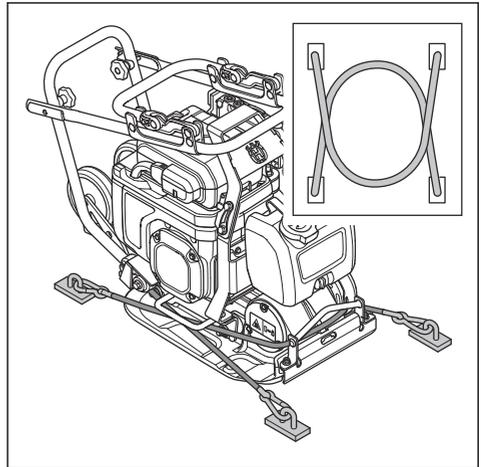
WARNING: Do not use metal hooks, chains or other lifting equipment with rough edges that can cause damage to the lifting point.



WARNING: Do not lift a damaged product. Make sure that the safety frame (A) and the vibration damping units (B) are correctly installed and not damaged.

To safety the product to a transportation vehicle with tie-down straps

1. Put the handle in transport position. Refer to *To set the product in transport position on page 13*.
2. Put 2 straps around the bottom plate.
 - a) Put 1 strap around the front of the bottom plate and attach the strap to the vehicle.
 - b) Put 1 strap around the rear of the bottom plate and attach the strap to the vehicle.



Storage

- Remove the battery for storage.
- Charge the battery 25% to 75% before you put it in storage for long periods. Do a check of the state of charge for the battery yearly.
- Keep the battery where the temperature is between -5°C/23°F and 30°C/86°F and away from open sunlight.
- Keep the battery charger where the temperature is between 5 °C/41 °F and 40°C/104°F and away from open sunlight.
- Keep the battery and the battery charger in a locked, dry and frost-free area.
- Keep the battery away from the battery charger during storage.

- Do not keep the battery in area where static electricity can occur. Do not keep the battery in a metal box.
- Clean the product before storage.
- Put a protective cover on the product.
- Keep the product in a dry and frost free area.
- Keep the product in a locked area to prevent access for children or persons that are not approved.

Disposal of the battery, battery charger and product

The symbol below means that the product is not domestic waste. Recycle it at a recycling station for electrical and electronic equipment. This helps to prevent damage to the environment and to persons.

Speak to local authorities, domestic waste service or your dealer for more information.



Note: The symbol shows on the product or package of the product.

Technical data

Technical data

Product	LF6 60, light forward compactor
Motor type	Honda, GXE2.0H
Weight with battery, kg/lb	88/194
Weight without battery, kg/lb	78/172
Vibration frequency, Hz/rpm	95/5700
Amplitude, mm/in.	2/0.08
Centrifugal force, kN/lbf	10.4/2338
Operation speed, m/min or ft./min	22 or 72
Max. tilt, degrees/%	20°
Water tank for asphalt, l/gal	5/1.32
Battery specification	
Type	Rechargeable Li-ion battery, DP72104Z
Capacity, Ah	10
Voltage DC, V	72
Dimensions, mm/in.	233x268x150/9.2x10.6x5.9
Weight, kg/lb	6.4/14.1
Storage temperature with battery, °C/°F	-5–30°C / 23–86°F
Operating temperature, °C/°F	5–40°C / 41–104°F
Charging temperature, °C/°F	5–30°C / 41–86°F
Battery charger specification	
Type	CV7285Z
Mains voltage AC, V	100-240
Frequency, Hz	50-60
Output voltage DC, V	82.8
Output current, A	8.5

Noise and vibration emissions

Sound power level, measured dB (A)

99

Noise and vibration emissions	
Sound power level, guaranteed L_{WA} dB (A) ¹	100
Sound pressure level at the operator's ear, L_P , dB (A) ²	85
Vibration level, a_{HV} , m/s^2 , standard handle/low vibration handle ³	6.9/1.6

Weights for options	
Transport wheel, kg/lbs	3.1/6.9
Low vibration handle, kg/lbs	1.1/2.4

Noise and vibration declaration statement

These declared values were obtained by laboratory type testing in accordance with the stated directive or standards and are suitable for comparison with the declared values of other products tested in accordance with the same directive or standards. These declared

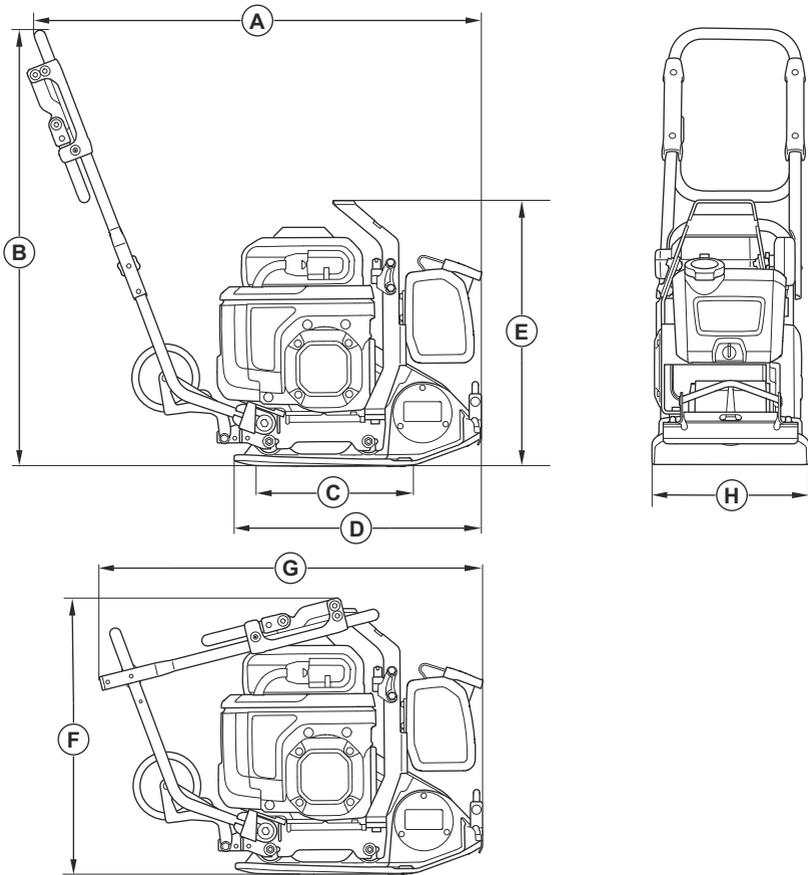
values are not suitable for use in risk assessments and values measured in individual work places may be higher. The actual exposure values and risk of harm experienced by an individual user are unique and depend upon the way the user works, in what material the product is used, as well as upon the exposure time and the physical condition of the user, and the condition of the product.

¹ Noise emissions in the environment measured as sound power (L_{WA}) as per EN ISO 3744 in conformity with EC directive 2000/14/EC. The difference between guaranteed and measured sound power is that the guaranteed sound power also includes dispersion in the measurement result and the variations between different machines of the same model according to Directive 2000/14/EC.

² Sound pressure level L_P according to EN ISO 11201, EN 500-4. Uncertainty K_{PA} 3.0 dB (A).

³ Vibration value according to EN 500-4. Reported data for vibration level has a typical statistical dispersion (standard deviation) of $1.5 m/s^2$.

Product dimensions (LFe 60)



A	Length including handle, mm/in.	1002/39.5	E	Height, mm/in.	588/23.1
B	Handle height, mm/in.	965/38	F	Height with handle folded, mm/in.	608/24
C	Bottom plate contact area, m ² /sq. ft.	0.090/0.97	G	Length with handle folded, mm/in.	850/33.5
D	Length bottom plate, mm/in.	550/21.7	H	Width, mm/in.	350/13.8

Accessories

Approved battery

Battery	DP72104Z
Type	Lithium-ion
Capacity, Ah	10
Voltage DC, V	72
Weight, kg	6.4

Approved battery charger

Battery charger	CV7285Z
Mains voltage AC, V	100-240
Frequency, Hz	50-60
Output voltage DC, V	82.8
Output current, A	8.5

Declaration of Conformity

EC Declaration of Conformity

We, **Husqvarna AB**, SE-561 82 Huskvarna, Sweden, tel: +46-36-146500, declare on our sole responsibility that the product:

Description	Forward Plate Compaction Machine
Brand	Husqvarna
Type/Model	LFe 60
Identification	Serial numbers dating from 2022 and onwards

complies fully with the following EU directives and regulations:

Directive/Regulation	Description
2014/30/EU	"relating to electromagnetic compatibility"
2006/42/EC	"relating to machinery"
2000/14/EC	"relating to outdoor noise"

and that the following harmonized standards and/or technical specifications are applied;

Responsible for technical documentation

EN ISO 12100:2010

EN 500-1+A1:2009

EN 500-4:2011

EN 55014-1:2017/A11:2020

EN 55014-2:2015

Notified body: 0404, RISE SMP Svensk Maskinprovning AB, Box 7035, SE-750 07 Uppsala, Sweden, has certified conformity with the council's directive 2000/14/EC, conformity assessment procedure: Annex VI.

For information relating to noise emissions, refer to the chapter *Technical data on page 21*.

Partille, 2022-12-16



Martin Huber

R&D Director, Concrete Surfaces & Floors

Husqvarna AB, Construction Division

UK Declaration of Conformity

We, Husqvarna AB, SE-561 82 Huskvarna, SWEDEN,
Tel: +46 36 146500 declare on our sole responsibility
that the product:

Description	Forward Plate Compaction Machine
Brand	Husqvarna
Type/Model	LFe 60
Identification	Serial numbers dating from 2022 and onwards

complies fully with the following UK regulations:

Description
The Supply of Machinery (Safety) Regulations 2008
Electromagnetic Compatibility Regulations 2016
The Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001

and that the following standards and/or technical specifications are applied;

EN 500-1+A1:2009

EN 500-4:2011

EN 55014-1:2017/A11:2020

EN 55014-2:2015

UK Importer:
Husqvarna UK Ltd
Preston Road, Co. Durham
DL5 6UP

Notified body: 0404, RISE SMP Svensk Maskinprovning
AB, Box 7035, SE-750 07 Uppsala, Sweden,
has certified conformity with the council's directive
2000/14/EC, conformity assessment procedure: Annex
VI.

For information relating to noise emissions, refer to the
chapter *Technical data on page 21*.

Partille Partille, 2022-12-16



Martin Huber
R&D Director, Concrete Surfaces & Floors
Husqvarna AB, Construction Division
Responsible for technical documentation



www.husqvarnaconstruction.com

Original instructions



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2023-03-21