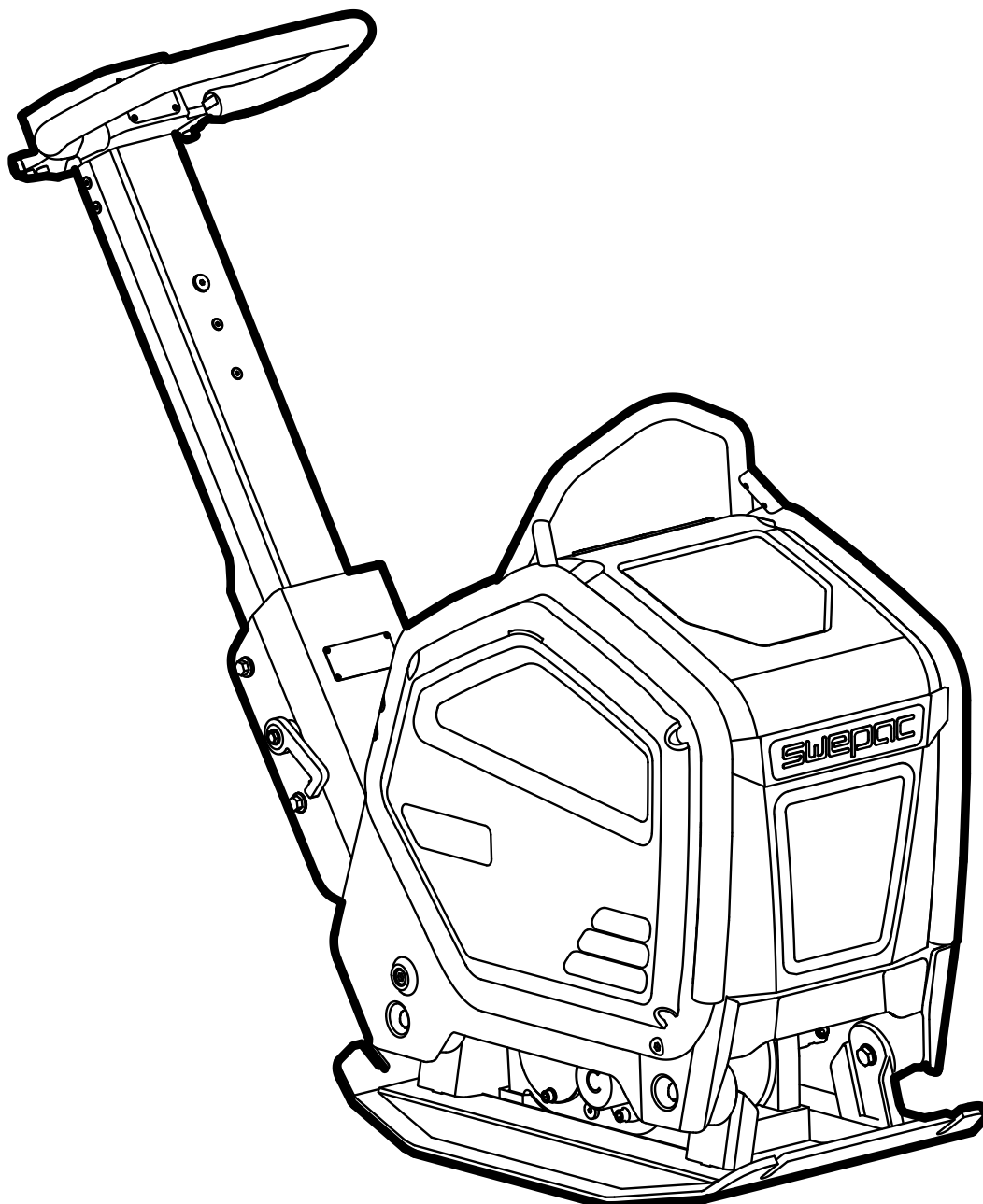


FB300B / FB400B / FB500B

ORIGINAL USER MANUAL



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INTRODUCTION

Thank you for purchasing a SWEpac FB200B or FB300B.

This manual contains information on how to use the machine in a safe, cost-effective and technically proper manner. Read through the manual carefully and understand it before you use the machine.

This manual is no substitute for comprehensive repair and maintenance work. Such work must be performed by a respective service partner or authorised specialist. The machine must be used and maintained according to the information in this instruction manual. Any improper use or maintenance may be hazardous.

Defective machine parts must be replaced immediately!

Feel free to contact the manufacturer at any time if you have any questions about operation or maintenance.

The machine must be used and maintained according to the information in this manual. Any improper use or maintenance may be hazardous to personnel.

Products shown in the manual may differ from the actual products.

This manual and the supplier manuals should be considered as permanent parts of the products and must be kept in the immediate proximity of the machine and always be accessible to personnel.

The instruction manual must be kept in the immediate proximity of the machine and always be accessible to personnel.

If the machine is resold, the manual should accompany it.

To replace a lost manual or order additional copies, visit the manufacturer's website, <https://swepac.com>, where you can download the manual in question.

The battery charger comes with suppliers' manuals. Make sure that you have read and understood these manuals.

In the event of any discrepancies between information in this manual and in one or more supplier manuals, the information in the supplier manual(s) shall take precedence.

This instruction manual contains information on how to use the machine in a safe, cost-effective and technically proper manner. Careful reading, understanding, and observance of this manual's instructions will help you minimise risks, lower repair costs, reduce downtime, and improve the machine's availability and lifespan.

Target group

People who work with this machine must be trained regularly on the hazards associated with handling it.

This instruction manual is intended for:

- Operational staff:
 - These individuals have been instructed on use of the machine and informed about the potential hazards of improper handling.
- Technical staff:

- These individuals have technical training and additional knowledge and experience. They are able to assess the assigned work tasks and identify potential risks.

Precautions for accident prevention

A side from the instructions and safety information in this user manual, local regulations to prevent accidents and national workplace health and safety laws shall apply.

Use of the manual

This user manual:

- is included as part of the machine and must be kept in a safe place throughout the life of the machine.
- must be handed over to any subsequent owners or operators of this machine.
- applies to all machine types within a given product series. For this reason, certain illustrations may not accurately depict the particular machine purchased. Moreover, components specific to a particular product variant may be described that are not part of the delivery. The manufacturer reserves the right to make changes to this instruction manual without prior notice. Any possible revision or supplementation from the manufacturer's side must immediately be added to this instruction manual.

LIMITATION OF LIABILITY

The manufacturer disclaims any liability for personal injury and property damage in the event of the following violations:

- Improper use of the machine.
- Use of non-approved spare parts or accessories.
- Modifications that alter the original design and functionality of the machine.
- Personal injury and property damage arising from personnel not receiving sufficient training on operating and handling the machine.
- Actions that deviate from this manual.
- Improper handling.

MICROPOWER LIONBRIX 42V 150Ah

is the only battery that is authorised for use in the SWEpac FB200B and FB300B machines.

MICROPOWER

is the battery charger that must be used for charging the **RBC 4840** battery.

You must use an original battery and original charger with the motor installed in the machine.

- Do not use a battery that is incompatible. Use of an incompatible battery may damage the product and its motor due to poor safety protection etc.

Functional modifications

Functional and cosmetic modifications may not be made without authorisation in writing from the manufacturer. Non-approved functional modifications may endanger operators and/or third parties and potentially damage the machine.

The manufacturer's liability and warranty shall lapse if any non-approved functional modifications are performed.

The following are considered to be functional modifications:

- Opening the machine and permanently removing components.
- Installing non-OEM spare parts or spare parts whose design and quality do not correspond to the original parts.
- Attachment of any kind of non-OEM accessory.
- Modification of the software or hardware.

Modification of the wiring.

Responsibility of the owner/customer

The owner is defined as the individual who, for commercial or financial purposes, uses this machine or allows a third party to use it and who moreover is legally responsible during its operation for the safety of their own or a third party's personnel.

The owner must always make the user manual accessible to personnel and ensure that operators have read and understood it.

The user manual must be kept either in close proximity of the machine or at the place of use.

The owner must hand over the instruction manual to each new operator or new owner of the machine.

Further more, national laws, standards and directives on accident prevention and environmental protection must be followed.

The user manual must be supplemented by additional information on observance of internal corporate, statutory, national and/or public safety guidelines.

Responsibilities of the user/operator

Applicable health and safety regulations must be obtained and implemented.

Hazards due to the site's working conditions must be defined in a risk assessment.

Instructions for working with this machine must be presented to users.

Check periodically whether the user manual is up to date with the latest legislation!

Areas of responsibility for installation, handling, troubleshooting, maintenance and cleaning must be unambiguously defined and regulated.

Personnel must be trained on a routine basis and informed about potential hazards.

Training results must be documented and provided to the responsible authority on request.

Any necessary Personal Protective Equipment (PPE) must be provided to personnel.

Qualifications of personnel

The machine may only be put into operation and used by trained personnel.

Improper use, misuse or handling by untrained personnel may injure the operator and/or other individuals and potentially lead to material damage or total loss of the machine.

GENERAL SAFETY PRECAUTIONS

Workplace

Before you start to work, you must inspect the work area.

Secure the work area from public traffic.

Keep unauthorised persons out when working with this machine. Distractions may cause you to lose control of the machine.

Always secure the machine against tipping, rolling, sliding and falling. Risk of personal injury!

Keep the work area clean.

Personal safety

Working under the influence of drugs, alcohol or medicine may lead to severe personal injuries.

Appropriate Personal Protective Equipment (PPE) must always be worn during any work. PPE substantially minimises the risk of personal injury.

Ensure that no other individuals are in the risk-exposed area!

USE

SWEPAC FB300B, FB400B OR FB500B

is used to pack ballast beneath the foundation of driveways, pavements etc. The machine is also suited to complement larger packing machines, for example rollers, when packing areas with difficult access.

The compact design with an articulated control handle makes the machine easy to manoeuvre.

The machine is also suitable for packing thin layers of sand and gravel.

Proper use

Proper use is defined as following all the instructions and safety precautions in this manual and complying with the terms and conditions for service and maintenance.

The machine may only be used to compact the aforementioned materials in the specified environments.

Any other use shall be deemed improper use and the manufacturer disclaims any liability for any consequential damages.

Inappropriate use

The manufacturer disclaims any liability for damages arising from inappropriate use.

In appropriate use includes any use for which the machine is not intended and any use in an environment where the machine is exposed to external environmental hazards.

Inappropriate use:

- Operation in a flammable or explosive environment.
- Operation that is outside the machine's performance specifications.
- Operation that violates the safety guidelines/warnings displayed on the machine or in this manual.

HANDLING

Treat the machine with care. Any machine whose components or moving parts are damaged must not be put into operation. Replace any defective moving parts or other components immediately. Any machine with defective components poses a significant risk of personal injury! The machine's moving parts must not be obstructed, manipulated, or modified in an unauthorised manner.

Secure any machine that is not being used to prevent unauthorised use. The machine must only be operated by authorised personnel.

Use the machine and any accessories, tools etc. in accordance with these instructions.

After use, store the machine in a clean, secure, frost-free and dry location that is inaccessible to unauthorised individuals and children.

SAFETY INSTRUCTIONS

This manual and the suppliers' manuals may include important safety messages. Read these messages carefully. A safety message warns you about potential hazards that can harm you or others. Each safety message is preceded by a safety warning symbol and one of three warning labels: DANGER, WARNING or CAUTION.

SAFETY

Safety symbols and warning labels

The following symbols indicate a safety instruction. They are used to warn about potential personal risks or hazards.



DANGER

DANGER indicates a situation that may result in death or serious injury if not avoided.

Consequences from insufficient compliance.

Avoidance of injury or death.



WARNING

WARNING indicates a situation that may cause death or serious injury if not avoided.

Consequences from insufficient compliance.

Avoidance of injury or death.



CAUTION

CAUTION indicates a situation that may result in injury if not avoided.

Consequences from insufficient compliance.

Avoidance of personal injury.



PLEASE NOTE

INFORMATION indicates a situation that causes damage if not addressed.

Consequences from insufficient compliance.

Avoidance of property damage.

BATTERY SAFETY

DANGER

Failing to follow the instructions below may result in overheating, fire and/or explosion etc. Do not expose the battery to heat or an open flame. Do not use, charge, or leave the battery in a hot location.

WARNING

Failure to follow the instructions below may result in overheating, fire or electric shock.

- Do not drop or expose the battery to a flame.
- Only use the specified charger for charging.
- Do not disassemble, modify, or repair the battery.
- Do not allow water to come into contact with the battery poles or enter the battery.

- Only use the original battery charger for charging.
- Do not touch the battery contacts or penetrate the battery with a metal object.

TRANSPORT IN A VEHICLE OR ON A PLANE

During transport by a third party (e.g. air freight companies or freight forwarders), specific packaging and labelling requirements must be observed. To prepare the product properly, a hazardous materials expert must be consulted. Only ship batteries if they are free of damage. Be aware that more stringent national regulations may be in effect.

Power supply safety

WARNING

Failure to maintain the residual current (RC) circuit breaker properly or remediate a problem before operation may lead to a significant malfunction. Some malfunctions may cause serious injury or death. Always perform an inspection each time before using and remediate any problems.

For the safety of yourself and others, always follow the instructions below.

- Before starting the operation, read and understand this manual as well as the instructions that accompany any equipment operated by this machine.
- Familiarise your self with the functions of any controls and learn how to quickly stop the machine.
- Do not allow anyone to use the machine without proper instruction. Do not allow children to touch the machine. Failure to observe this precaution may cause serious personal injury or damage the machine.
- Do not remove the housing, label or other parts. Do not disassemble or modify the RC circuit breaker as this may lead to a malfunction or injury.
- Do not use the machine if you are under the influence of alcohol or drugs. Impaired judgement may cause serious injury.
- Always perform an inspection each time before using and remediate any problems.
- Use an original battery.
- Keep the battery clean and dry.
- Do not allow it to come into contact with water.

- Do not connect the RC circuit breaker to any equipment before consulting qualified personnel. Improper connection may lead to damage or operational issues.

BATTERY CHARGER SAFETY

1. The charger is exclusively intended to charge Swepac's FP200B/FP300B machines. Before using the battery charger, read the instructions thoroughly and familiarise yourself with the warning symbols on the battery charger and battery as well as the product powered by the battery.

2. CAUTION – to lower the risk of injury or property damage, only charge a rechargeable **lithium ion** battery. Other types of batteries may cause personal injury or property damage.

3. The battery charger is not intended to be used by children or individuals with impaired physical or mental capacity or insufficient experience and knowledge. Do not allow children to play with this battery charger.

4. The battery voltage must correspond with the battery charger's charging voltage. Do not charge non-rechargeable batteries. If you do this, there is a risk of fire and explosion.

5. Continued use of the battery charger outside of normal operating conditions may result in a fire or electric shock, which can kill or severely injure you.

– Smoke, noxious fumes or extreme heat

– Water or metal objects have penetrated the battery charger

If you notice such an abnormality, unplug the power plug, then contact your reseller.

6. Modification, disassembly or repair of the battery charger may result in a fire or electric shock, which may cause death or severe injury.

Do not modify the battery charger. Do not take it apart or repair it yourself either.

As disassembly and repair requires specialised knowledge, contact your reseller.

7. Before using the battery charger, individuals wearing electromedical devices must investigate how these may be affected. The electromagnetic radiation emitted during charging may affect the function of such devices, which can kill or severely injure you.

Before charging the battery, individuals wearing electromedical devices, such as implanted pacemakers or cardioverter-defibrillators, must ask their doctor or the device manufacturer about the effects of this charging.

8. If the battery is leaking or emitting an unusual odour, stop using it and contact your reseller.

The battery contains an electrolytic solution consisting of flammable organic solvents. Improper handling may lead to burns or severe injuries.

Please refer to the battery manual for more details on how to handle the battery.

Prohibited use of the battery charger

Do not use the battery charger in the following locations.

- Places where the battery charger becomes unstable
- Places where there is flammable gas or material
- Very cold or very hot places, for example in direct sunlight or close to a heater
- Places exposed to water or higher than acceptable humidity
- Places where children or pets can play with it.

Warning labels on the battery FB500B

Follow the rules below.

- Do not charge the battery if there is a risk of thunderstorms.
- When not using the battery, keep it away from paper clips, coins, keys, nails, screws or other metallic objects that may bridge a connection between the battery's poles. Short-circuiting of the battery poles may result in burns or fires.

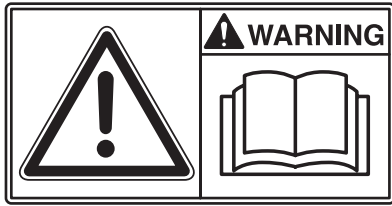
Warning labels on the battery FB300B / FB400B



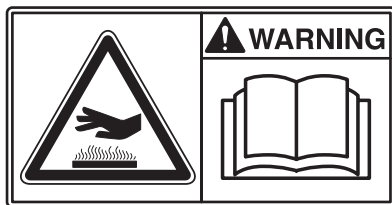
LABELS

If safety or product identification labels become illegible, for example if they are torn or lost, replace them with new ones.

Warning labels on the housing



Before you use the machine, you need to carefully read the manual and its safety precautions so that you can operate the machine safely. Make sure that the manual is always readily accessible.



To avoid burns or injury, you must never touch the vibrating element if the machine has been used recently.

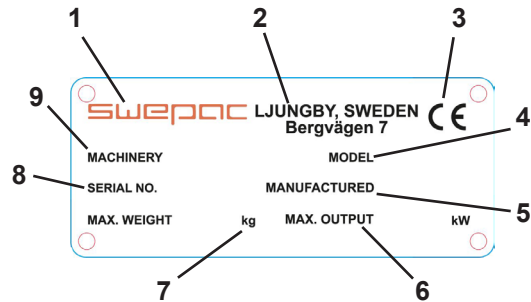


Drive belt: to avoid personal injury or property damage, keep hands, tools or other objects away from the drive belt when the machine is operating. See the safety precautions in the manual.



As the sound pressure level at the operator's ears exceeds 80 dB(A), to prevent hearing loss, hearing protection must be worn during operation.

MACHINE LABELS AND IDENTIFICATION

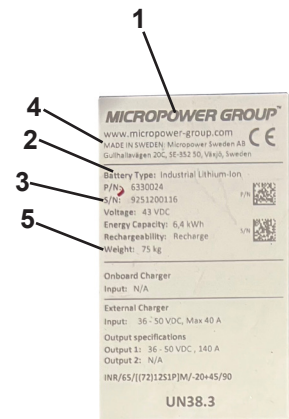


Machine label located on the motor plate

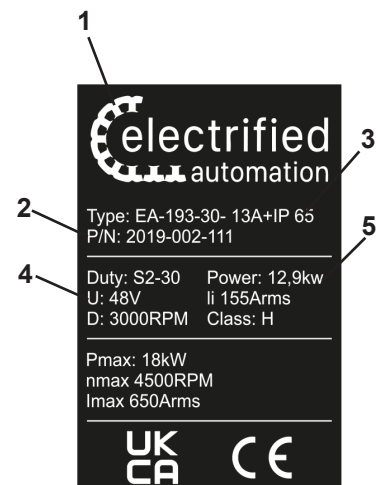
1. Manufacturer
2. Place, country of manufacture
3. CE label
4. Model name
5. Year of manufacture
6. Max. motor power
7. Max. weight
8. Serial number
9. Machine type

Identification on the battery

1. Name of manufacturer
2. Model type
3. Serial number
4. Country of origin
5. Weight



Identification on the motor



1. Manufacturer
2. Serial number
3. Type
4. Voltage
5. Output

IDENTIFICATION ON THE BATTERY CHARGER

See the manual that accompanies the charger

STANDARDS

Noise

Measurement according to the EN 500-4 standard, Rev.1: 1998, Annex C:

Measurement uncertainty (MU) $\pm 0.5\text{dB(A)}$ in 95% of measurements.

The following values were reported in accordance with the provisions of Directive 2000/14/EC:

	FB300B	FB400B	FB500B
Sound pressure level at the operator's ears, L _{pA}	89(A) LpA	89(A) LpA	89(A) LpA
Permissible sound power level, L _{WA}	108 dB(A)	108 dB(A)	108 dB(A)
Guaranteed sound power level, L _{WA}	105 dB(A)	105 dB(A)	105 dB(A)

As the sound pressure level at the operator's ears exceeds 80 dB(A), hearing protection must be worn during operation!

Hand/arm vibrations

Vibratory acceleration has been measured in accordance with the ISO 5349 standard during operation on a gravel surface.

The measurement values were translated into the maximum daily time of exposure for regular use.

For more information about vibrations, please refer to Swedish Work Environment Authority provision AFS 2005:15 of 1 July 2005.

Measurement uncertainty (MU) $\pm 0.3 \text{ m/s}^2$ in 95% of measurements.

Hand/arm vibrations:

FB300B	FB400B	FB400B
< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²

TECHNICAL DATA

FB300B machine

Net weight	289kg
Base plate, W x L	600 x 883 mm
Permissible gradient	-
Speed	0–25 m/min
Centrifugal force	38 kN
Vibratory frequency	82 Hz
Motor	IPM Synchronous DC motor
Motor power	12.9 kW
Battery type	Lithium ion
Energy content	6.4 kWh

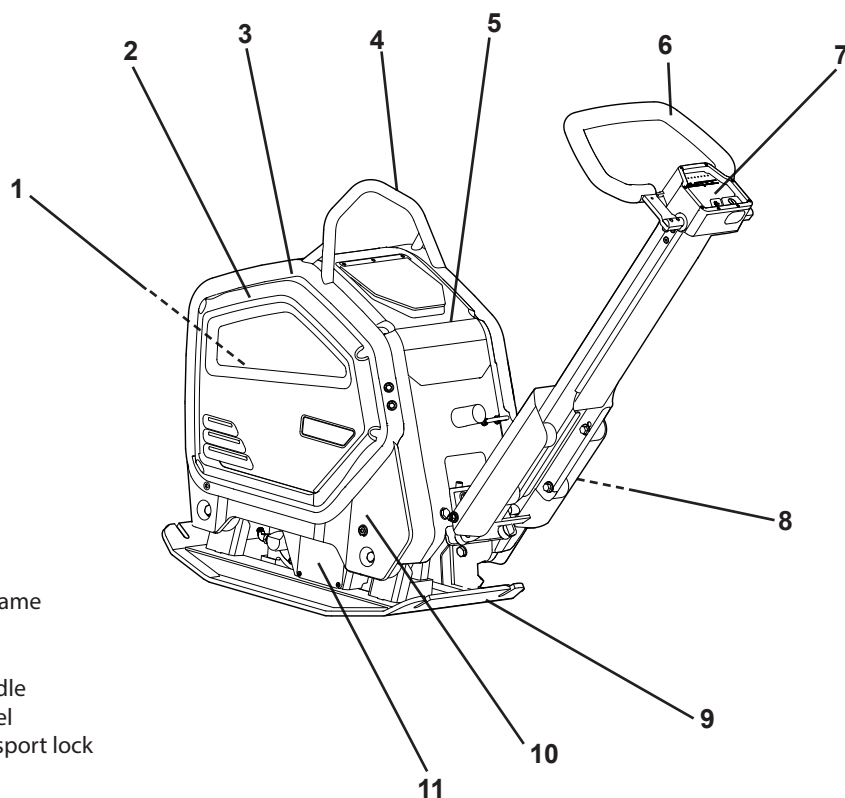
FB400B machine

Net weight	402 kg
Base plate, W x L	600 x 720 mm
Permissible gradient	-
Speed	0–25 m/min
Centrifugal force	55 kN
Vibratory frequency	72 Hz
Motor	IPM Synchronous DC motor
Motor power	12.9 kW
Battery type	Lithium ion
Energy content	6.4 kWh

FB500B machine

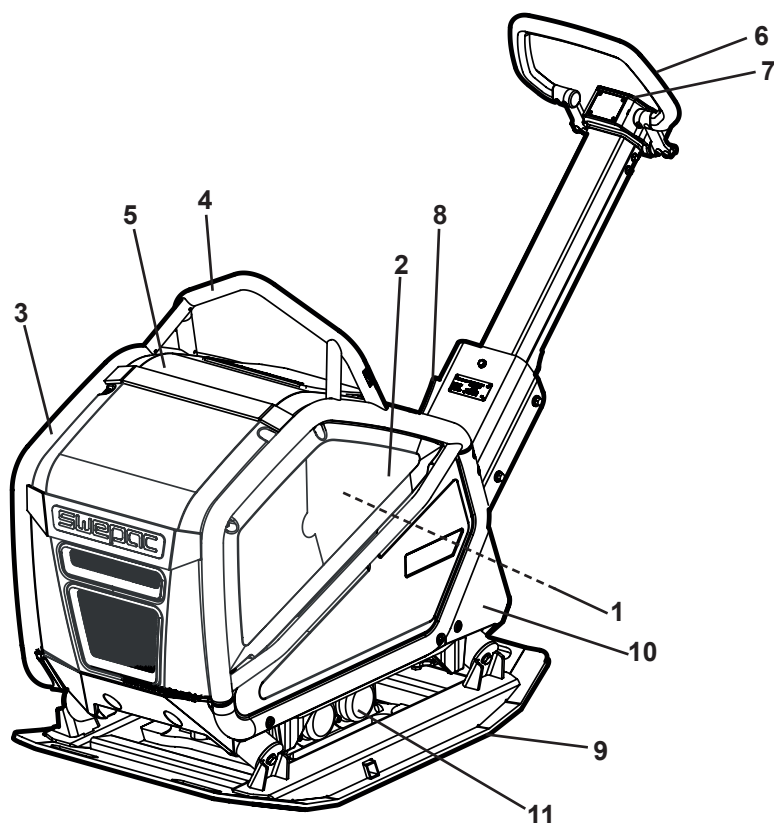
Net weight	468 kg
Base plate, W x L	700 x 1040 mm
Permissible gradient	-
Speed	0–25 m/min
Centrifugal force	66 kN
Vibratory frequency	72 Hz
Motor	IPM Synchronous DC motor
Motor power	12.9 kW
Battery type	Lithium ion
Energy content	7.5 kWh

LOCATION OF MACHINE COMPONENTS AND CONTROLS FB300B / FB400B



1. Battery
2. Side cover
3. Protective frame
4. Lifting yoke
5. Top cover
6. Control handle
7. Control panel
8. Handle transport lock
9. Base plate
10. Chassis
11. Vibrating element

LOCATION OF MACHINE COMPONENTS AND CONTROLS FB500B

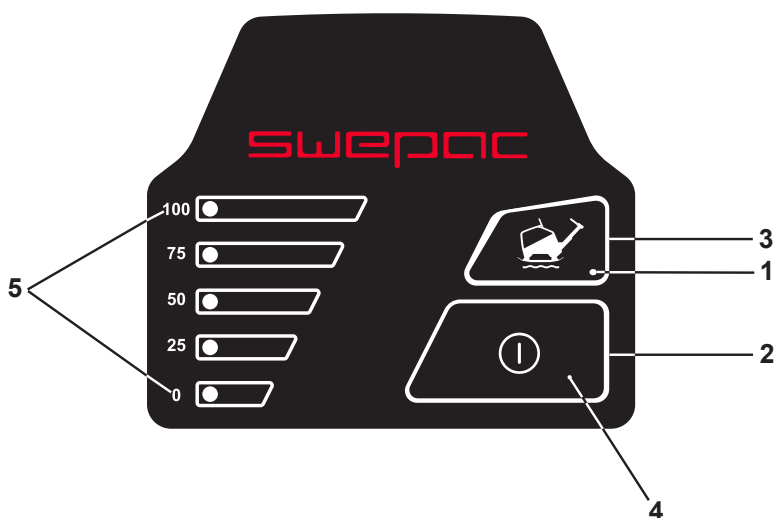


1. Battery
2. Side cover
3. Protective frame
4. Lifting yoke
5. Top cover
6. Control handle
7. Control panel
8. Handle transport lock
9. Base plate
10. Chassis
11. Vibrating element

METHOD OF OPERATION

The machine consists of a base plate with a vibrating element and a shock-absorbing upper chassis part. The power transfer between the electric motor and the vibrating element is assisted by a V-belt. Due to the direction of rotation and the vibrating element's position in the middle of the base plate, the vibrator moves forwards under its own power. Movable parts are well protected by an impact-resistant polyethylene (PE) cap.

Control panel



1. Vibration power lamp

2. Power switch On / Off

3. Vibration switch On / Off

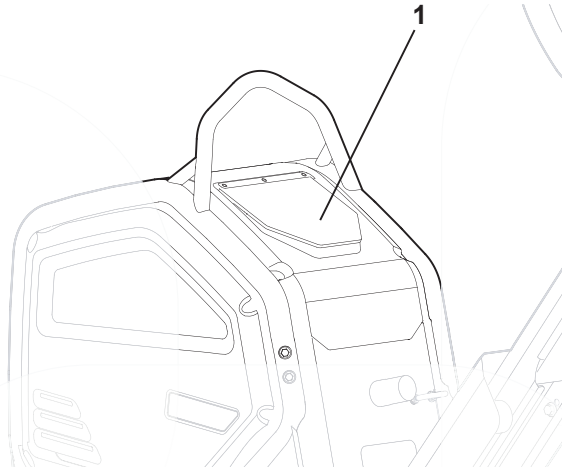
4. START indicator lamp (green light)

5. Battery charging status indicator lamps

The battery charging status indicator lamps showing the battery's charging status (red light). "0" is an uncharged battery while "100" is a fully charged battery. As the battery drains, the lamps turn off in descending order (100–75–50–25–0).

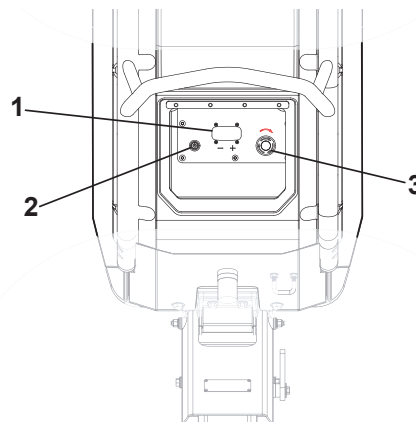
Before starting the machine

To get to the plug, “stand-by” button and emergency stop button from within the machine, start by opening the rubber flap (1) as shown in the illustration.

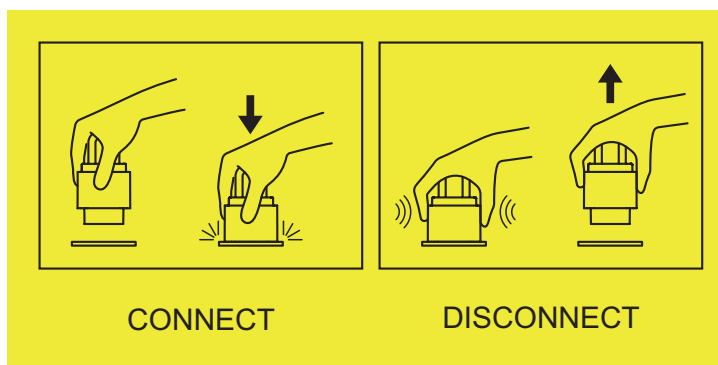


Make sure that the plug (1) is securely connected – the positive cable (red) should be on the right side closest to the emergency stop button.

- 1. Charging connection
- 2. Power switch
- 3. Emergency stop



NOTE! When connecting the plug, it should snap into place. When removing/unplugging the plug, press in the retaining tabs before disengaging it.



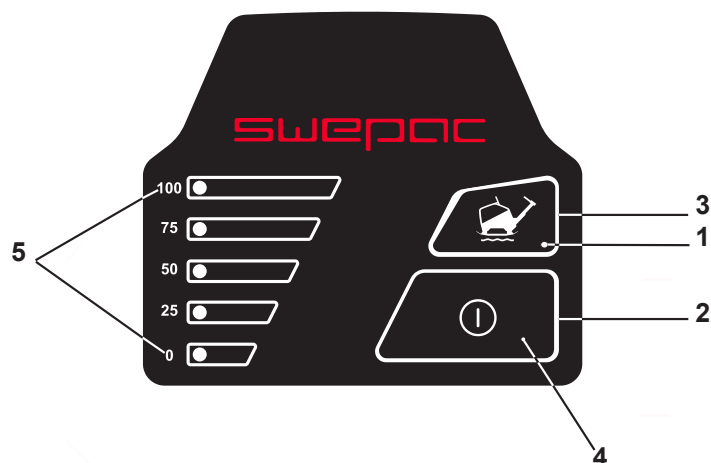
Ensure that the emergency stop (3) is not active (pressed in). To deactivate the emergency stop, rotate it clockwise in the direction of the arrows.

To wake up the battery, press and hold the power button (2) for two seconds.

The start-up sequence begins, and the light flashes in sequence. Wait for the relay to engage (a clicking sound is heard), which takes approximately 10 seconds.

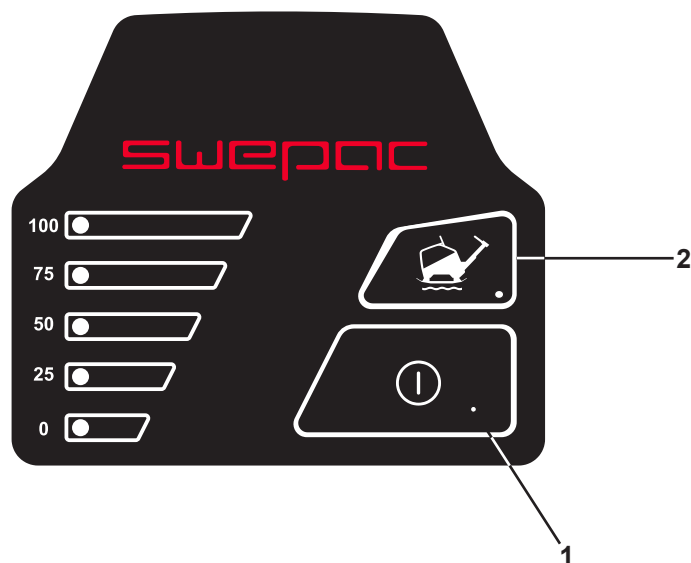
The battery is ready for use when the light in the button flashes at 3-second intervals.

STARTING the machine



1. Press and hold switch pos. 2 for 2 seconds; the machine starts up, and indicator light pos. 4 (in the bottom right corner of the button) lights up green. When using the FB400B and FB500B, the cooling fan starts.
2. Press vibration button pos. 3; vibration starts, and indicator light pos. 1 lights up green.

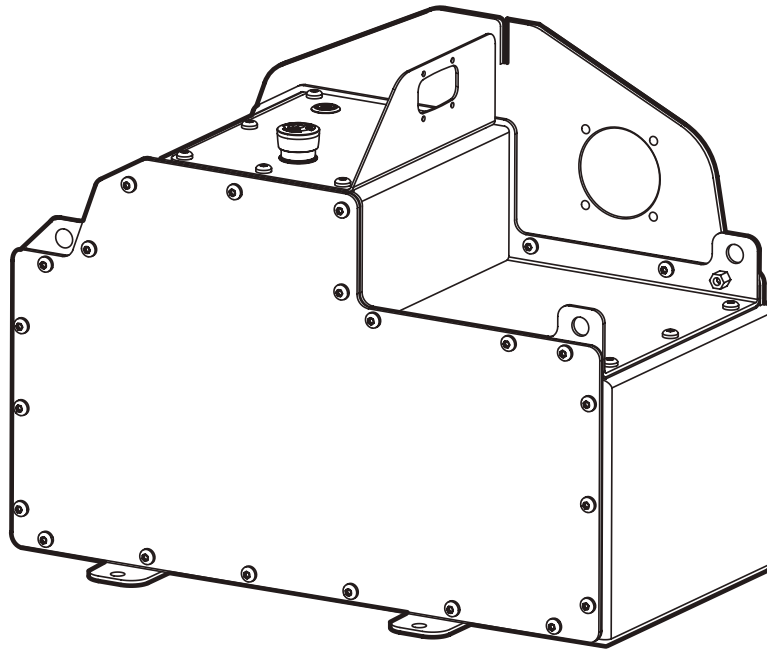
STOPPING the machine



1. Turn off the vibrations by pressing the compacting switch pos. 3 the indicator light turn off.
2. Shut off the ignition by pressing the power pos. 1 switch. The green lamp turns off, the machine is now switched off.

Note! The battery power switch does not need to be turned off. The battery is switched off automatically.
 If the machine shuts down, it cannot be started without first charging the battery.
 If all the battery indicator lights flash simultaneously, the machine must be charged immediately.

Battery



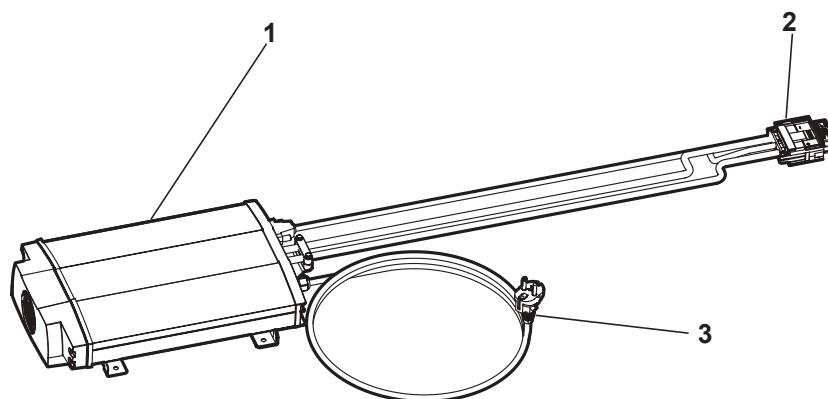
As the battery for the FB300B, FB400B and FB500B machines is closed and sealed, machine operators must not attempt to repair or modify the battery or electrical system. The manufacturer or the manufacturer's authorised service centre must be contacted to repair any malfunctions attributable to the battery or the machine's electrical system.

Anslut till ett 230V 10amp uttag

Battery charger

1. Charger
2. Battery contact/plug connector
3. Wall charging cable

Anslut till ett 230V 10amp uttag



PRIOR TO OPERATION

Ensure that operational safety measures have been implemented for the battery.

- Before using the battery, ensure that an original battery charger is used for charging.
- If a battery is broken or damaged, do not use it.
- Make sure there is no dirt or dust on the battery contacts. If you use a dirty battery, it may cause malfunctions.
- The battery will deteriorate if it is charged and discharged repeatedly or stored and not used.
- When the battery deteriorates, its maximum charge capacity and battery life diminishes. Once the maximum charge capacity has been reduced by deterioration, it cannot be restored and will never be equal to that of a new battery.

Check the charge level of the battery

When you press the charge level control knob, the charge level indicator lights up or blinks to indicate the battery's charge level.

Indicator display	Charge level
100	Fully charged
75	Sufficiently charged
50	Weak battery Charge the battery.
25	
0	

Before using the battery charger, check the following

- No foreign objects have entered the input output ports of the battery charger or the battery.
- The charging cable, power cord and battery to be charged are not damaged.
- There is no dirt or foreign matter on the contacts of the charger or battery.

Battery charging location

- Level indoor location where the battery charger is stable.
- Dry, well-ventilated place.
- Optimal charging at room temperature. The battery must be charged at temperatures between 5 °C and 30 °C. Store the charger in its accompanying pouch.

Charging time

The charging time from empty to a full charge: around 2–3 hours.

- Charging may take longer when the battery is charged immediately after it has been used in a specific device. This may be due to the battery being new or needing to cool off before it can be charged.
- The charging time depends on the ambient temperature.

Precautionary measures

- When connecting the mains plug to the electrical socket, make sure you plug it in all the way.
- The battery charger and power cord get hot during charging; this is not abnormal.
- Charging stops in the event of a power outage.

Check before charging

- There is no foreign matter or dirt on the battery charger or battery pack connections.
- The charging cable, power cord and battery to be charged are not damaged.
- There is no dirt or foreign matter on the contacts of the charger or battery.

Charging procedure

Procedure for starting battery charging

Read the information provided here and in the charger manual

carefully before using the charger for the first time. Also, read the "Safety Instructions" chapter carefully. Ensure that children do not play with the device.

To charge a battery using a Robust series charger, follow these instructions:

The charger is configured with factory settings.

The factory setting is a 12-cell algorithm (LK10-06) for vented batteries, 50 Ah capacity.

1. Ensure the charger is disconnected and that the installation

environment meets the conditions described in the previous section.

Warning: Explosive gases. Avoid flames and sparks.

Ensure good ventilation during charging.

2. Connect the charger cables to the battery terminals: the

positive (+) cable to the positive (+) terminal and the negative (–) cable to the negative (–) terminal. The positive cable is red. The negative cable is black or blue.

3. Switch on the power by connecting the mains cable to a grounded wall socket.

4. Charging starts automatically.

STOP

Pressing STOP pauses the charging process. Press STOP again to resume charging.

F1 and F2

The F1 and F2 buttons can be assigned various functions. By default,

no function is assigned. Pressing the buttons during charging

has no effect. The buttons are used when programming battery settings.

5. To avoid sparking in the output cables, press the STOP button before disconnecting the battery.

Warning labels on the battery charger

See the charger manual.

DISPOSAL

To protect the environment, do not throw this product in an ordinary rubbish bin.

Follow local regulations and ordinances or contact your authorised reseller for disposal.



Do not throw electrical equipment into household rubbish bins.

If electrical devices are disposed of in landfills or dumps, substances can leak into the groundwater and enter the food chain, which may harm your health and well-being. For more information about disposal of this product, please contact your reseller or the nearest household waste collection centre.

Check before operating the DC motor

Check the following items before using the motor.

Before starting your pre-operating inspection, make sure the machine is resting on a level surface and is stopped.

During the inspection, you should also run a test drive.

FUNCTIONAL OVERVIEW

The machine consists of a base plate with an installed vibrating element and a shock-absorbing upper chassis part that is screwed to the base plate with a vibration-damper.

The upper part (chassis) includes the battery pack and a shock-absorbing control handle.

The energy is transferred from the DC motor to the vibrating element via a V-belt. For instructions on how to adjust the V-belt, see "SERVICE".

The motor is equipped with an integrated belt pulley. Due to the direction of rotation and the vibrating element's position on the front of the base plate, the vibrator moves forwards under its own power.

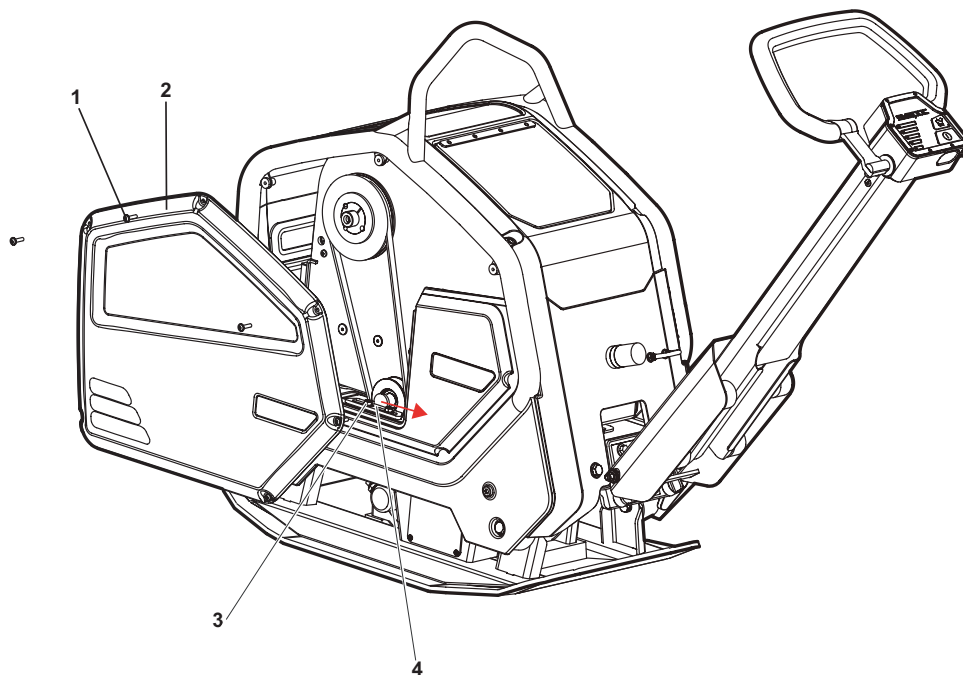
Work with the machine in daylight or adequate lighting. Any other use is inadvisable.

SERVICING

Inspecting the V-belt drive unit

Check the voltage and condition of the V-belt regularly.

Replace a damaged V-belt with a type **XPA 1482 belt** for **FB300B**, **XPA1457** for **FB400B** and **XPB1500** för **FB500B**.



Adjusting the V-belt FB300B och FB400B

- Unscrew the 6 screws (1) that hold the side cover in place.
- Remove the side cover (2).
- Unscrew the 2 screws (3) and pull the belt tensioner in the direction of the red arrow.
- Reinstall in the opposite order.

Replacing the V-belt

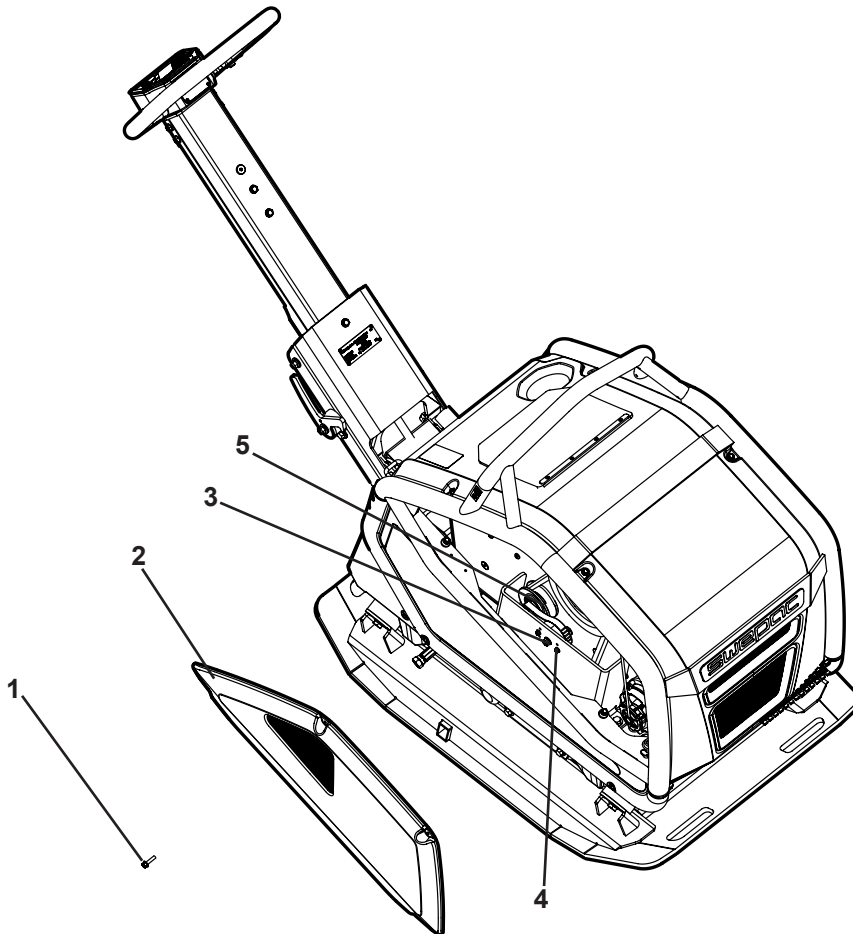
- Unscrew the 6 screws (1) that hold the side cover in place.
- Remove the side cover (2).
- Unscrew the 2 screws (3) and remove the belt tensioner (4).
- Replace a damaged V-belt with a new type **XPA 1482** belt for FB300B and **XPA 1457** by first draping the belt over the motor coupling.
- Mount the belt tensioner, tighten the screws that hold it in place while pulling on it until the belt feels sufficiently tight.

Adjusting V-belt tension FB500B

- Loosen the 4 screws (1) securing the side cover.
- Remove the side cover (2).
- Loosen screw (3).
- Loosen the 2 screws (4). Rotate the belt tensioner to the desired position to tension the belt, then tighten screws (4) in a diagonal pattern.
- Tighten screw (3).
- Reinstall the remaining parts in reverse order.

Replacing the V-belt

- Loosen the 4 screws (1) securing the side cover.
- Remove the side cover (2).
- Loosen the 3 screws (3) and (4) and remove the belt tensioner (5).
- Replace a damaged V-belt with a new type XPb 1500; start by placing the belt onto the motor coupling.
- Position the belt tensioner and tighten the screws securing it in place, while simultaneously adjusting the tensioner so that the belt has the correct tension.



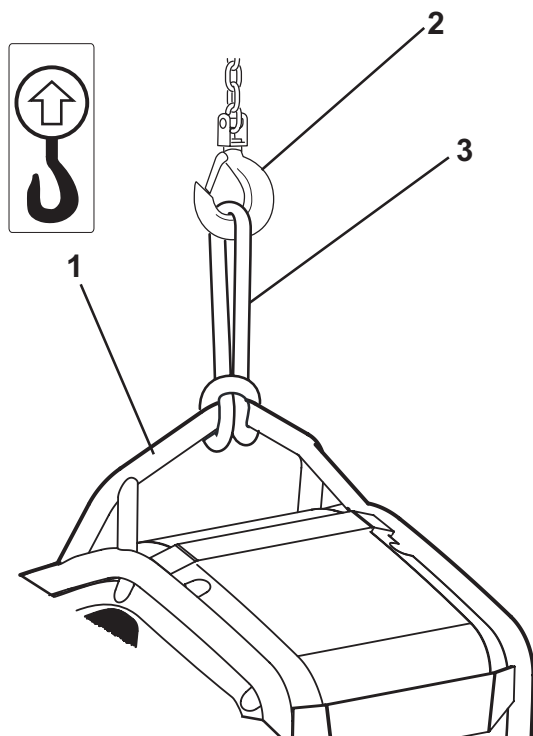
TRANSPORT

The machine has a lifting yoke.

NOTE! Only use the protective frame's lifting point (1) to lift the machine.

Observe the following safety precautions when transporting the machine.

- Make sure that the motor has cooled off.
- Keep the machine upright during transport.

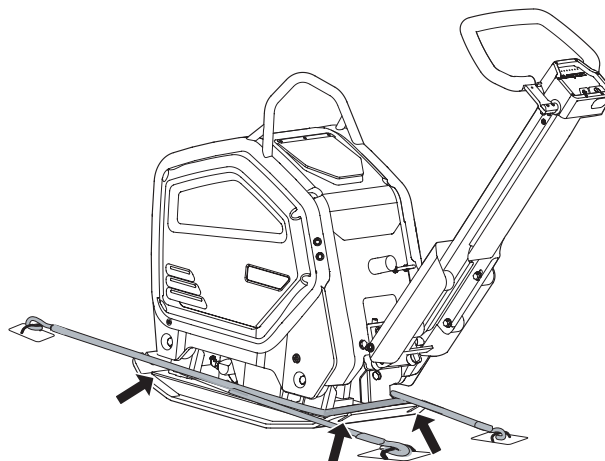


Lifting the machine with a crane

- Tie a hoisting belt (3) onto the lifting yoke (1) and attach it to the lifting hook (2).

- Check the condition of the four rubber shock absorbers regularly. Replace damaged shock absorbers.

Machine transport lock



During transport: secure the machine with straps according to the illustration above.

NOTE: Fasten the straps to the base plate of the machine, not to the upper part of the rubber shock absorber.

CLEANING

Machine

- Do not use a pressure washer to clean the machine.
- Do not spray water on the battery or motor while cleaning the machine! If water enters the components, it may cause a malfunction.
- After cleaning, wipe it off and carefully blow it dry with compressed air.

Battery charger

- Unplug the power cord from the electrical socket before cleaning.
- If the battery charger is dirty, wipe it off with a clean, dry cloth.

STORAGE

Machine

- Store the machine on a level surface.
- Avoid hot or humid storage spaces and environments with extreme fluctuations in temperature. Keep away from direct sunlight and rain.

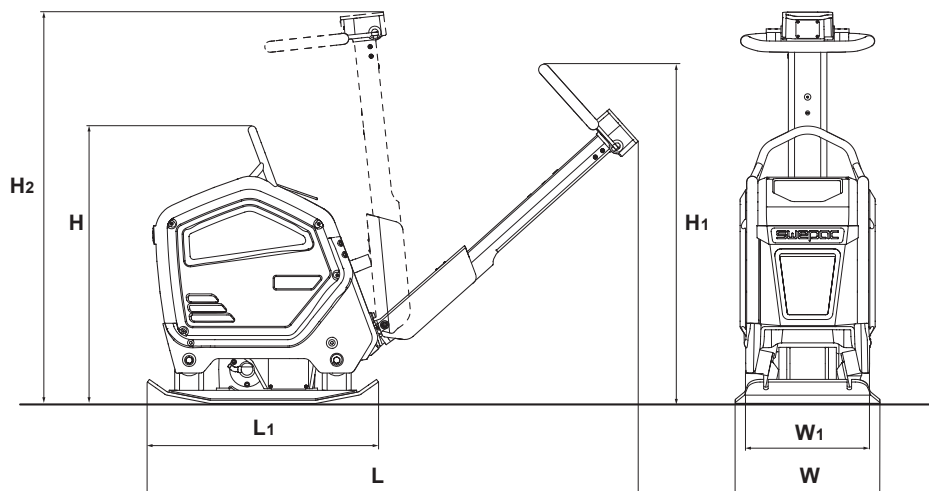
Battery

In appropriate long-term storage may cause the battery to rapidly deteriorate and potentially become unsuitable for use.

- Storing the battery in a hot place may cause it to rapidly deteriorate.

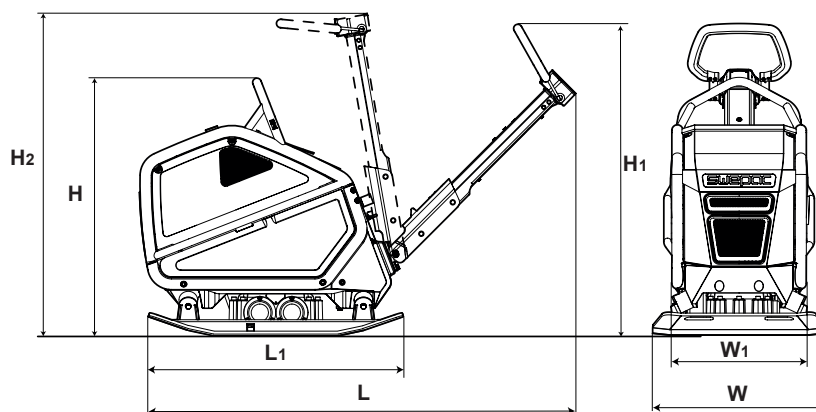
DIMENSIONS

FB300B / FB400B



FB300B / FB400B	Metric	Imperial
H	970 mm	38.2 inches
H ₁	1150 mm	45.3 inches
H ₂	1230 mm	48.4 inches
L ₁	790 mm	31.1 inches
L	1470 mm	57.9 inches
W ₁ (*W ₁ FB400B)	425 mm *548 mm	16.7 inches *21,6
W (*W for NL	600 mm *740 mm	23.6 inches *29,1

FB500B



FB500B	Metric	Imperial
H	1050 mm	41.3 inches
H ₁	1260 mm	49.66 inches
H ₂	1280 mm	50.4 inches
L ₁	1035 mm	40.75 inches
L	1830 mm	72.0 inches
W ₁	545 mm	21.46 inches
W	700 mm	27.56 inches

NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Declaration of Conformity

Manufacturer

Swepac AB
Bergvägen 7
34132 Ljungby, Sweden

1. Category: Battery-operated vibratory plate compactor

2. Type: FB300B
FB400B
FB500B

3. Motor power: 12.9 kW
12.9 kW

The products comply with the following directives:

2006/42/EC

2000/14/EC

2004/108/EC

EN 500-1

EN 500-4

EN 61000-6-1 and EN 61000-6-3

Technical documentation is available from:

Swepac AB, Bergvägen 7 SE-34132 Ljungby, Sweden
Tomas Johansson, Product Engineer



FOR A SOLID GROUND

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