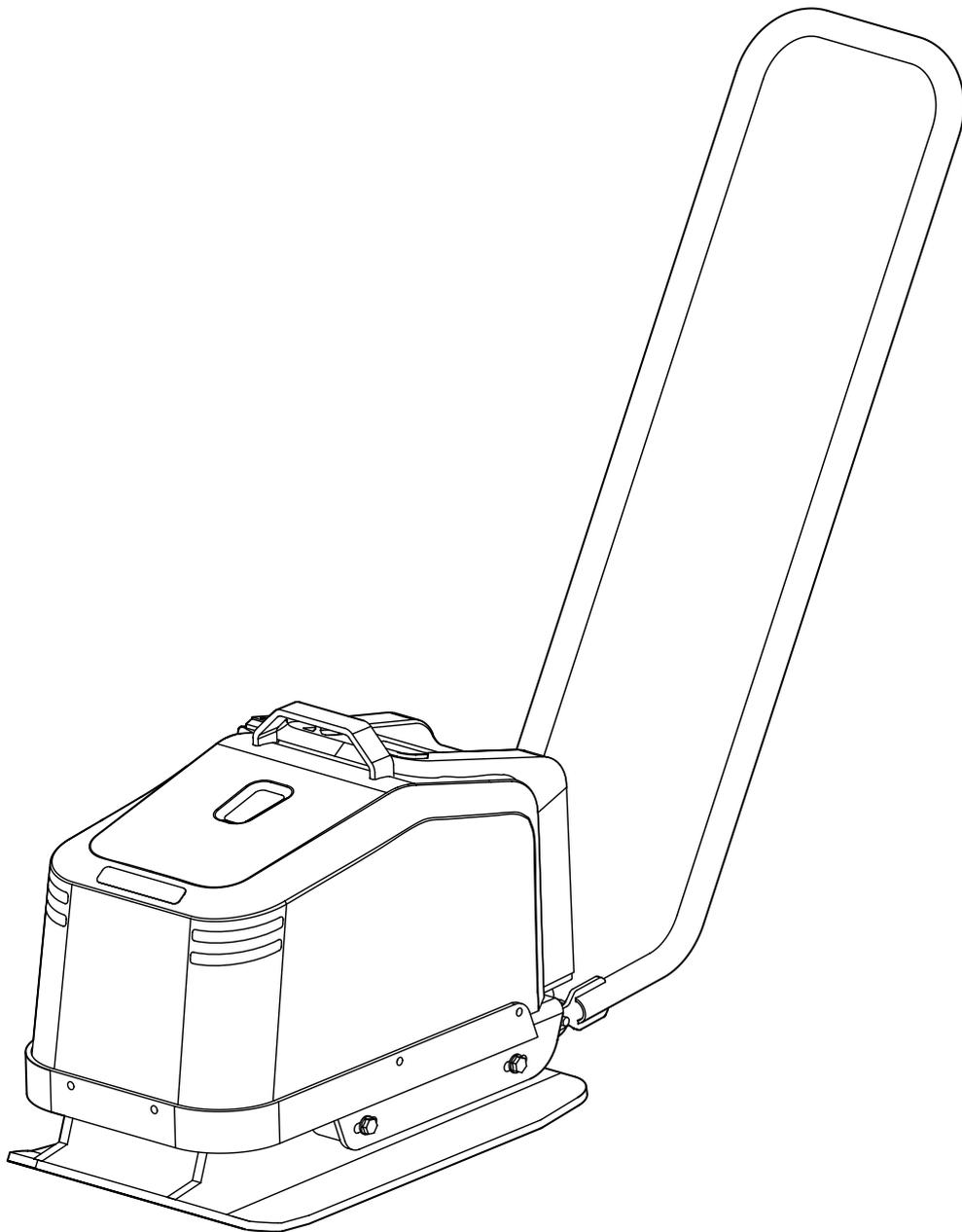

USER MANUAL IN ORIGINAL



USE

SWEPAC F 50B

used for gravel and sand packing in small-scale construction work such as, for example, concrete blocks or paving for garden installations.

With the vulkollan plate (accessory) mounted under the bottom plate, stone coatings are effectively levelled off.

The compact design of the machine enables easy accessibility in confined spaces.

Because the machine is electric, it can be used effectively in poorly ventilated areas and indoors.

The machine can be used for construction projects with strict environmental requirements.

CONTENTS

USE	3
SAFETY INSTRUCTIONS.....	4
STANDARDS.....	4
SIGNS.....	5
TECHNICAL DATA.....	6
FUNCTION	6
TECHNICAL DESCRIPTION	7
DAILY CHECKS.....	8
V-Belt drive.....	9
STARTING	9
STOPPING	9
OPERATING INSTRUCTIONS	9
CLEANING, STORAGE and RECYCLING.....	10
TRANSPORTATIONS.....	11
BATTERY.....	12
NOTE.....	12-13-14
EC-DECLARATION OF CONFORMITY.....	15

SAFETY INSTRUCTIONS

- The operator must be informed of the manufacturer's safety and operating instructions before using the machine.
- The machine may be used indoors and outdoors.
- The machine may not be used if protection and safety devices are missing or inoperative.
- The operator must not leave the machine unattended when the engine is running. When the vibrator is switched on, the operator must be able to check the machine's motion using the control handle and start/stop switch. The machine may be operated only by a trained operator.
- When performing servicing or other procedures to the machine, always switch off the engine.
- Before lifting, check that the lifting device or its attachment is not damaged and that the rubber dampers on the bottom plate are undamaged and tightened.
- When installing, safety against tipping must be observed. The machine must not lean more than 20°. (FR 85 18°)
- The operator must use ear protection when working with the machine.
- The operator must ensure that no unauthorised person is present in the immediate vicinity of the machine.
- Always wear personal protective equipment such as sturdy non-slip boots, ear protection and approved eye protection.
- Do not use the machine in environments with a potential fire or explosion hazard.
- Never use the machine if you are tired, have been drinking alcohol or under medication that may affect your vision, your judgement or your hand-eye coordination.
- Never use a machine that has in any way changed from the original version.

STANDARDS

Noise

Measurement according to the standard EN 500-4 Rev.1: 1998, Annex C:
Measuring accuracy $\pm 0.5\text{dB (A)}$ in 95% of measurements. Under the terms of Directive 2000/14 /EC, Annex VI, the following are stated:

	F 50B
Sound pressure level at the operator's ear, L _{pA}	88 dB (A)
Permissible sound power level, L _{WA}	105 dB (A)
Guaranteed sound power level, L _{WA}	103 dB (A)

Since the sound pressure level in the operator's ears exceeds 80 dB (A), use ear protection when operating!

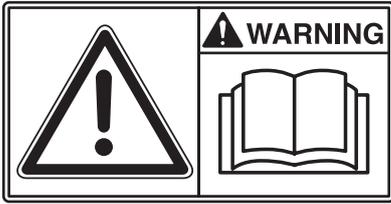
Hand/arm vibration

Vibration acceleration has been measured according to the ISO 5349 standard when driving on gravel substrates. The measured values have been converted to maximum daily exposure time during regular use. Further information is available in the work environment regulations AFS 2005:15 on vibration, valid from 1 July 2005. Measuring accuracy $\pm 0.3 \text{ m/s}^2$ in 95% of measurements.

	F 50B
Hand/arm vibrations, m/s ²	4.0
Maximum daily exposure time	3.1 hours

SIGNS

Warning signs



Before use, carefully read the manual and its safety instructions so that you can handle the machine safely. Ensure that the manual is always accessible.



Motor: In order to prevent discomfort, make sure not to touch hot motor parts when the motor is running or when the machine has recently been used.

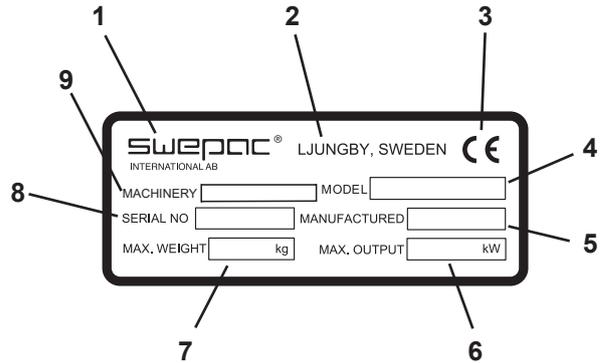


Belt drive: Keep hands, tools and other objects away from the belt drive when the machine is on to avoid injury and damage. See the safety instructions in the manual.



As the sound pressure level at the operator's ears exceeds 80 dB (A), ear protectors must be used when working with the machine to prevent hearing damage.

Machine Signs



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

TECHNICAL DATA

F 50B

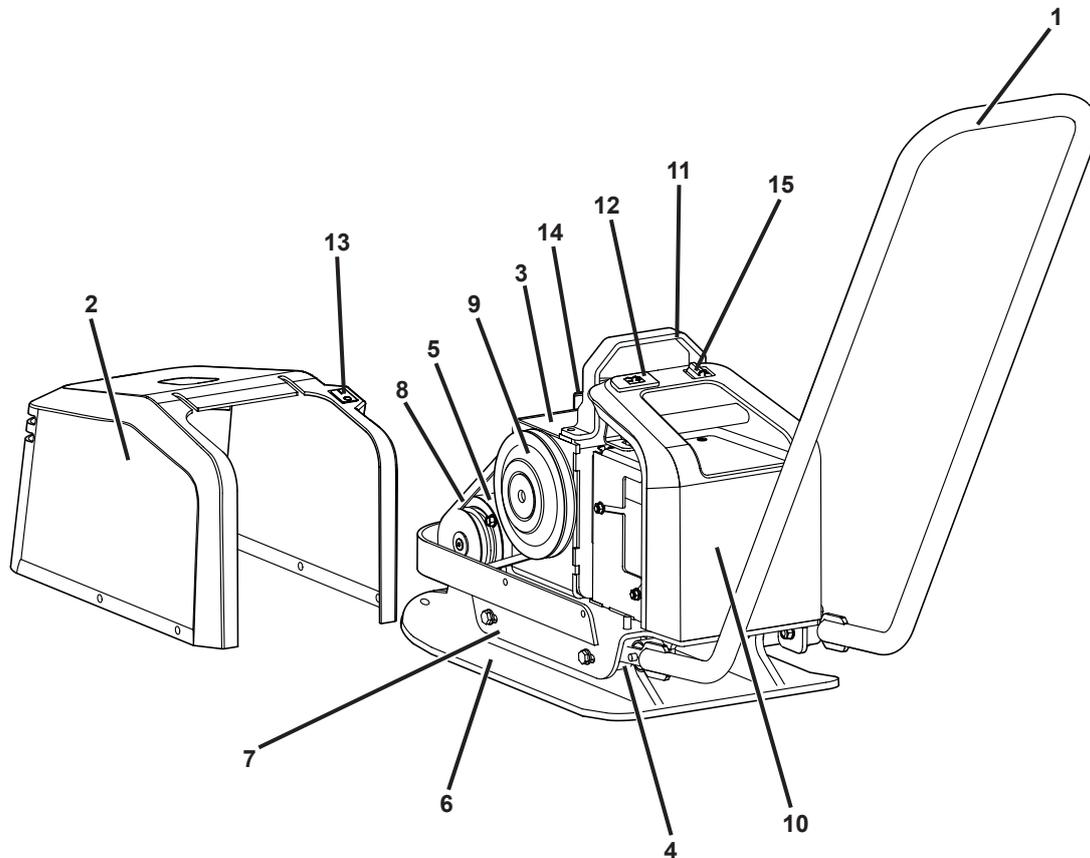
Weight, net52kg
 Bottom plate bxl.....300 x 500mm
 Walking speed.....approx. 25m/min
 Centrifugal force9kN
 Vibration frequency112Hz
 Drive motor.....DC (battery)
 Motor power.....600W

Battery Type.....Lithium Ion
 Battery.....Panasonic NCR18650
 Operating time.....1–1.2 hours
 Charging time.....2 hours

FUNCTION

The machine consists of a bottom plate with vibrating elements and a top-mounted suspended plate.
 The power transmission between the electric motor and the vibration element is enabled by means of a V-belt. Due to the direction of rotation and the location of the vibration element in the front of the bottom plate, the vibrator moves forward by its own force. Movable parts are well protected by a cap in impact-resistant PP.

TECHNICAL DESCRIPTION



1. Operating handle
2. Protective cover
3. Electric engine
4. Rubber dampers
5. Vibrating element
6. Bottom plate
7. Motor plate
8. V-Belt
9. Pulley
10. Battery
11. Yoke
12. Charging socket
13. Start/Stop button
14. Indicator light for error codes
15. Battery latch lock

DAILY SUPERVISION

Charging

1. Check if your local area network is consistent with the charger input voltage of 230V.

Connect the charger to the wall socket. The charger's On/Off button should be in position 1 (ON)

2. LED1 Red confirms that the AC power is on and LED 2 Green confirms that the charger is properly connected.

3. Connect the connector to the battery terminal (connection) LED1 Red confirms that the charger is charging, LED 2 Green confirms that the battery is fully charged.

Checking charge

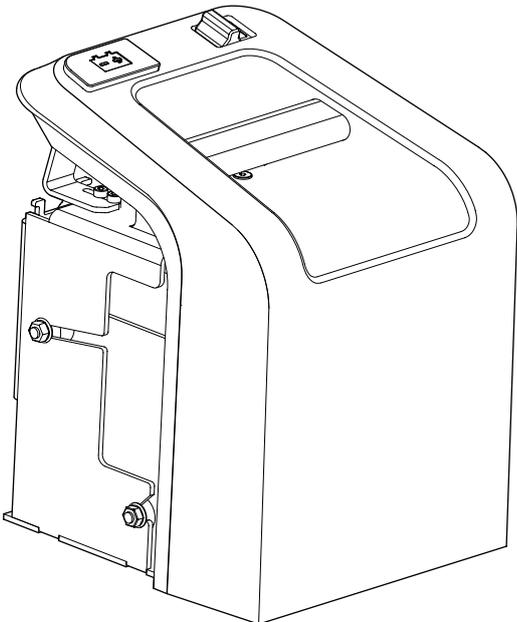
Make sure that the battery is charged before working with the machine.

NOTE: Only original charger may be used.

The battery pack can be removed easily from the machine and charged separately. With an extra charged battery, you can ensure additional operating time with the machine

Make sure the charger cord is disconnected before working with the machine.

BATTERY PACK



Precautions, Chargers

The sparking phenomenon is normal when connected to the battery due to high current.

The charger is designed to charge only LITHIUM batteries.

Avoid charging incorrect types of batteries.

The battery may break if LED 2 does not switch to green after long-term charging.

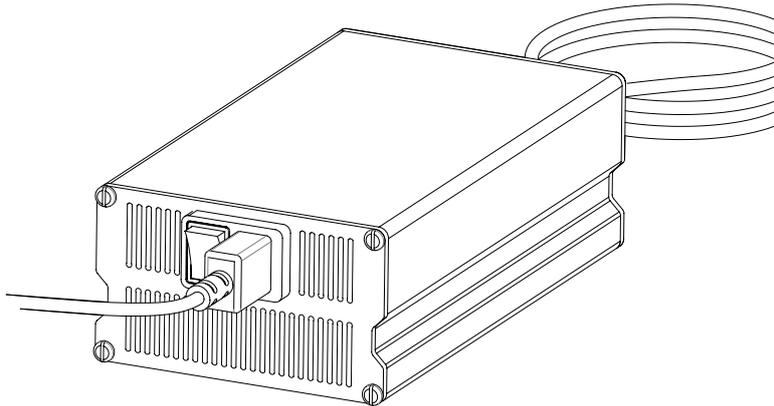
Make sure the charger is used in a well-ventilated and dry environment.

The charger is designed with the aluminium housing as a heat sink. Do not cover it to avoid overheating or overheating during charging

Please pay attention to the DC connection:
Brown + Positive terminal, Blue - Negative terminal.

Do not disassemble the charger. Always use qualified service personnel when service or repair work is required.

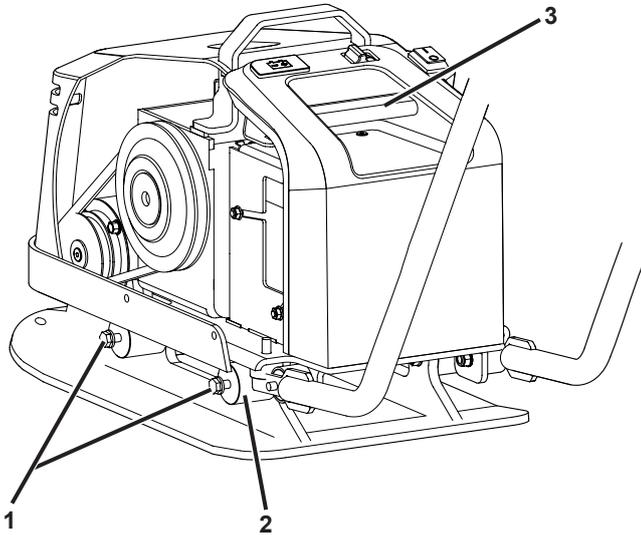
CHARGER



V-belt drive

Check the tension and condition of the tyre regularly.
 Replace damaged V-belt for new type XPZ662 for F 50.

NOTE: When replacing a V-belt, remove the protective cover.
 Loosen the six screws holding the cover against the motor plate. Divide the starter button cable before removing the cover completely.



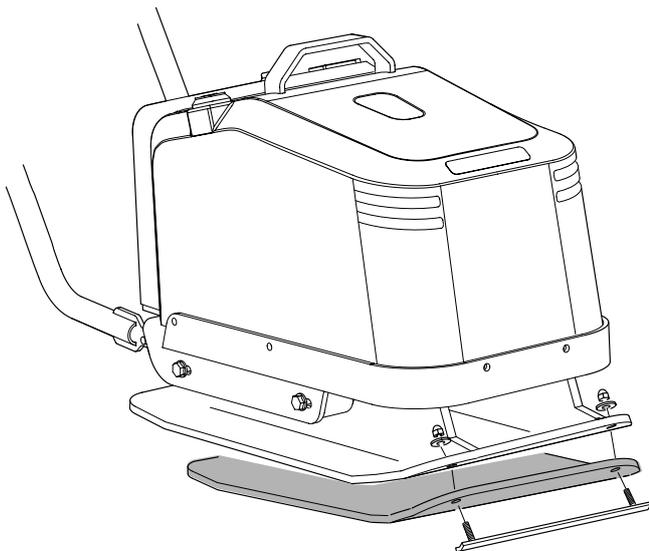
Adjustment of belt tension

Release engine screws (1, 4 pcs)

Tighten the strap by pulling the battery pack handle (3).
 Tighten the screws.

Rubber dampers

Regularly check the rubber dampers' (2, 4 pcs) condition.
 Replace damaged dampers.



Polyurethane mat

During stonemasonry, a polyurethane mat is used to protect stones and clinker

START

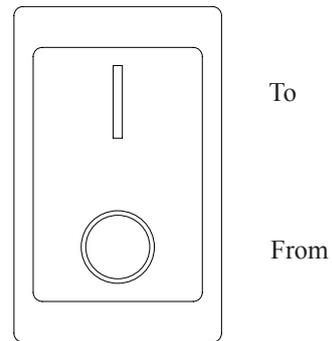
Start the machine by pressing the start button in position 1.

NOTE: The vibrations start straight away. Make sure there is always free space around the machine during the start-up.

STOP

Stop the machine by pressing the 0 button.

The machine may vibrate irregularly for a short period of time during this phase.



DRIVING DIRECTIONS

The vibrating element of the machine is started with the start button. Best packing is achieved at full turn on the engine. Avoid driving the engine at other speeds, as it may cause abnormal wear.

Due to its compact size and low weight, the machine is very easy to operate. The bottom plate design allows you to pull the machine back without destroying the packed surface. The vibrating element of the machine will stop when the throttle switch is set to idling.

The machine is intended for indoor and outdoor use. Work with the machine in daylight or other adequate lighting. The filling masses should be watered or naturally moist. All other uses are advised against.

NOTE: When the battery starts to discharge, the packing capacity is reduced.

CLEANING

When cleaning the entire machine, do not wash directly with the high pressure jet on the connection components.

STORAGE

The machine should be stored in a well-ventilated and dry environment.

When charging indoors, always observe the regulations that apply to battery charging at the workplace.

RECYCLING

Used batteries are always returned for recycling.

Be sure to always use an approved recycling company.

TRANSPORT

Disassembly of handle

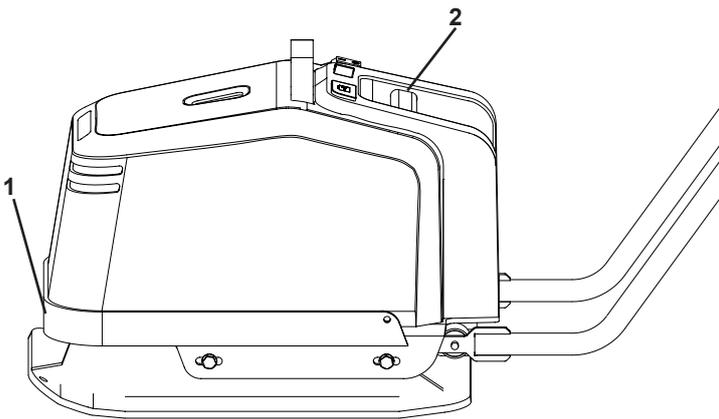
It is easy to remove the handle without tools, and the luggage compartment of a regular passenger car is sufficient for transport.

Remove the handle by tipping it forward and pulling apart the booms so that the fasteners release. Move the handle slightly sideways so that the handle releases.

Lift by hand

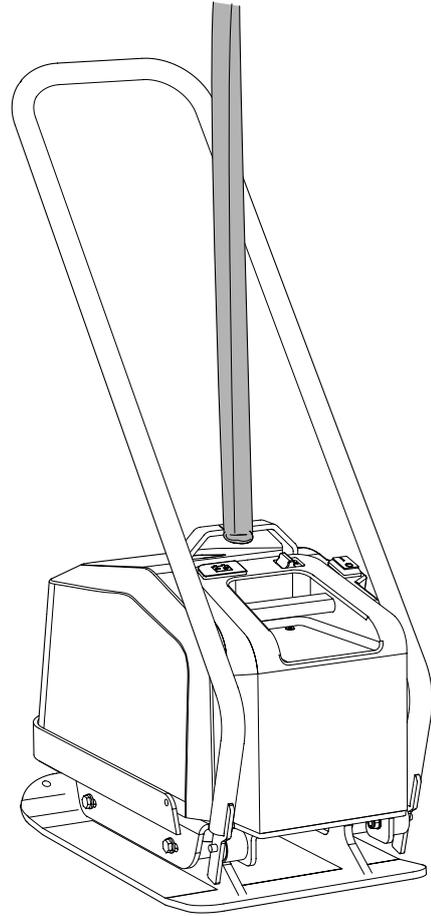
The machine must be lifted by 2 people!

Then lift the front part of the engine plate pos.1, which is designed for lifting and in the battery pack's carrying handle pos.2.



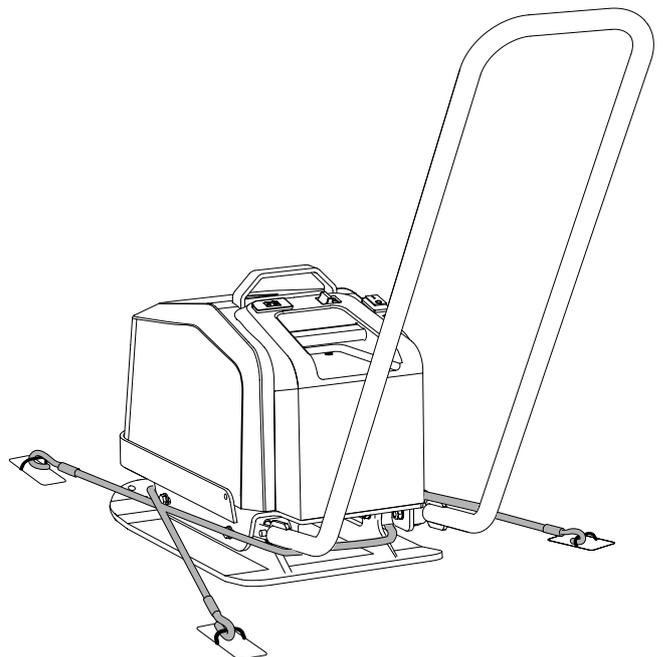
Lift with crane

Attach a sling to the machine's lifting eye.



Transport security

Always secure the machine with a strap as shown in the illustration on transport.



BATTERY

Is certified according to:
UN 38.3 Rev. 6
and
IEC 62619

NOTES

NOTES

NOTES



EC Declaration of Conformity

Manufacturer

**Swepac AB
Blockvägen 3
34132 Ljungby**

1. Category: Plate compactor

2. Type: F 50B

3. Motor efficiency: F 50B 1.7kW

The product complies with the following directives:

2006/42/EC

2000/14 /EC

2004/108/EC

EN 500-1

EN 500-4

Technical documentation available from:

Swepac AB, Blockvägen 3 34132 Ljungby SE
Tomas Johansson/Product Engineer

SWEPAC

SWEPAC AB

Address **Blockvägen 3, 341 32 Ljungby**, tel **0372-156 00**, fax **0372-837 41**, Email **mail@swepac.se**, Website **www.swepac.se**