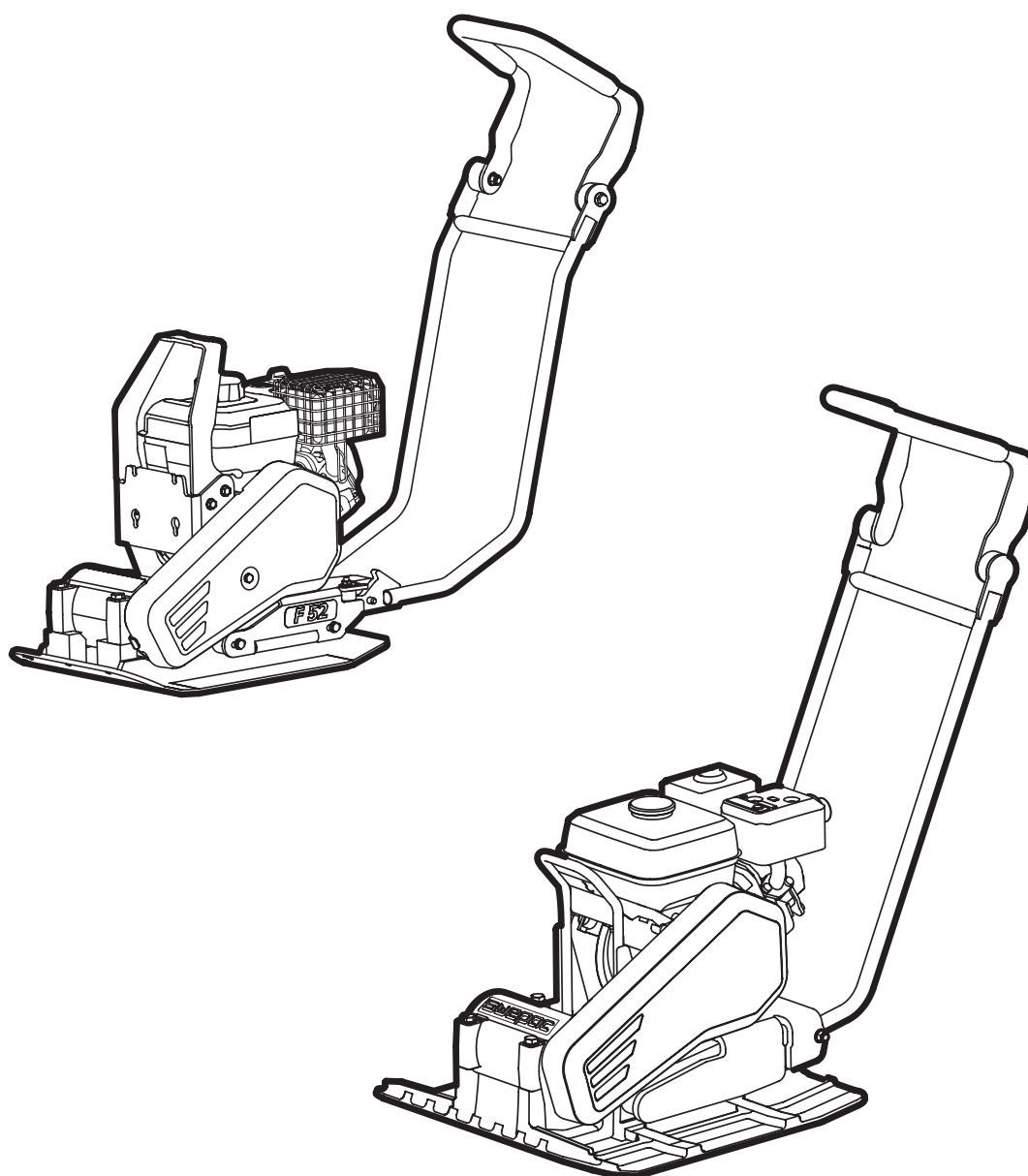


F 52 / F 82 / F 92

USER MANUAL IN ORIGINAL



USE

SWEPAC F52 / F82 / F92

are used to pack ballast under foundations, on garage approaches and on pavements, etc. The machine is also suitable as a complement to larger packing machines, for example rollers, when packing areas with poor access.

The compact design with an articulated control handle makes the machine very easy to manoeuvre. The machine is also suitable for packing sand and gravel in thin layers.

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STANDARDS

Noise

Measurement in accordance with the standard EN 500-4 Rev. 1:1998, Annex C:

Measurement uncertainty ± 0.5 dB (A) in 95% of the measurements.

In accordance with the conditions in Directive 2000/14/EC, Annex VI, the following values are reported:



	F52	F82	F92
Sound pressure level at the operator's ears, L _{pA}	90 dB (A) L _{pA}	90 dB (A) L _{pA}	90 dB (A) L _{pA}
Permitted 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), ear protectors must be used during operation!

Hand/arm vibrations

The vibration acceleration was measured in accordance with the ISO 5349 standard during operation on a graveled surface. The measurement values were translated into the maximum daily exposure time for regular usage. For additional information about vibrations, please confer the regulation AFS 2005:15 from the Swedish Work Environment Authority, effective July 1st 2005.

Measurement uncertainty ± 0.3 m/s² in 95% of the measurements.

	F52	F82	F92
Hand/arm-vibrations, m/s ² Non-vibrated handle 	4,4	4,6	4,6
Hand/arm-vibrations, m/s ² Devibrated handle 	3,0	3,2	3,2

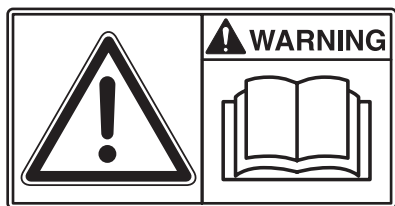
Exhaust emissions

F52 meet the requirements for exhaust emissions in accordance with U.S. EPA EXH/EVP AND CALIFORNIA SURE EXH/EVP REGS FOR 2019

F82 and F92 meet the requirements for exhaust emissions in accordance with EU Stage V.

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.



Engine, silencer: to avoid burns or discomfort, do not touch hot engine parts when the engine is on or when the machine has recently been used.

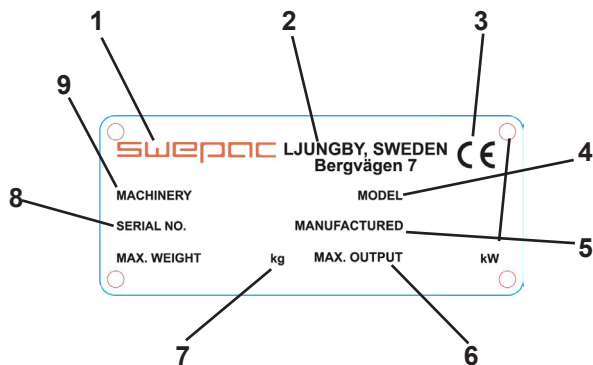


Belt drive: Keep hands, tools and other objects away from the belt drive when the machine is on to avoid injury and damage. See the safety instructions in the manual.



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

F52

Net weight 67 kg
 Base plate, w x l 350 x 575 mm
 Permitted inclination 18°
 Speed..... appr 25 m/min
 Centrifugal force..... 11 000N
 Vibration frequency..... 98 Hz
 Drive engine Briggs&Stratton XR550
 Engine power 2,6 kW
 Engine RPM..... 3500 RPM
 Fuel tank volume 1,8 liter
 Fuel type Unleaded petrol or alkylate

F82

Net weight 87,5 kg
 Base plate, w x l 430 x 580 mm
 Permitted inclination 18°
 Speed..... appr 25 m/min
 Centrifugal force..... 14 000N
 Vibration frequency..... 90 Hz
 Drive engine Honda GX 160
 Engine power 4,0 kW
 Engine RPM..... 3500 RPM
 Fuel tank volume 2,5 liter
 Fuel type Unleaded petrol or alkylate

F92

Net weight 92 kg
 Base plate, w x l 500 x 580 mm
 Permitted inclination 18°
 Speed..... appr 25 m/min
 Centrifugal force..... 19 000N
 Vibration frequency..... 87 Hz
 Drive engine Honda GX 160
 Engine power 4,0 kW
 Engine RPM..... 3400 RPM
 Fuel tank volume 2,5 liter
 Fuel type Unleaded petrol or alkylate

FUNCTION

The machines consists of a base plate with a vibration element and an upper part cushioned from the base plate.

The power is transmitted from the petrol engine to the vibration element via a V-belt. To adjust the V-belt loosen the four screws which holds the upper part to the base plate and pull whole the upper part backward to the operator.

The engine is fitted with an integrated centrifugal clutch. Due to the direction of rotation and the position of the vibration element at the front end of the base plate, the vibrator moves forward under its own power.

The machine's vibration element stops when the throttle is switched to idle.

Work with the machine in daylight or other adequate lighting. All other use is discouraged.

Transport wheels are accessories.

Polyuretan pad is accessories.

Optional weight	F52	F82	F92
Transport wheels	2kg	2kg	2kg

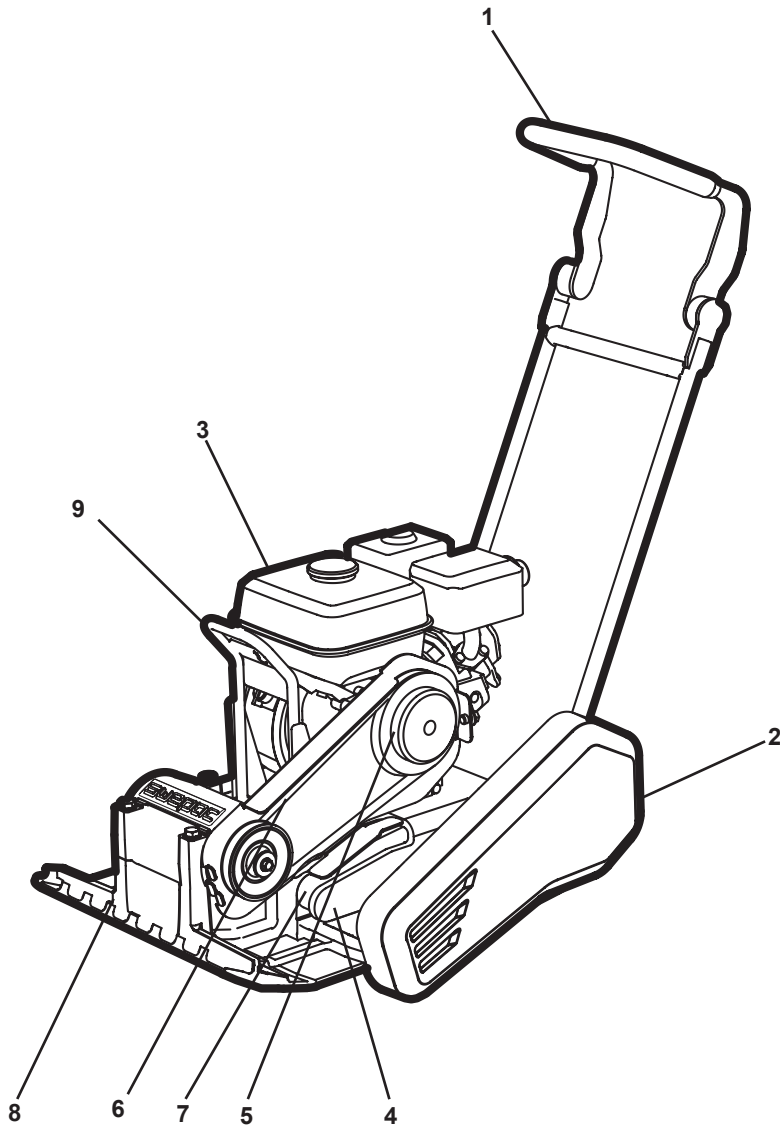
FUEL AND OIL RECOMMENDATIONS

FuelUnleaded petrol or alkylate
 Engine oilSAE10W-30
 Engine oil change: first oil change after 20 hours then every 100 hours of operation

Vibration unit F92.....SAE10W-30.....0,08 liter

Note! The bearings of the vibrations element of the F52 and F82 machine are grease lubricated. The bearings cannot be greased, since they are life lubricated. This means that no oil is needed in the vibration element.

TECHNICAL DESCRIPTION



1. Handle
2. Protective cover
3. Petrol engine
4. Engine plate
5. Centrifugal clutch
6. V-belt
7. Rubber damper
8. Vibration element / Base plate
9. Lifting eye

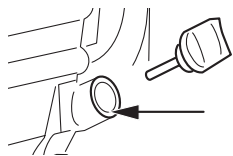
DAILY CHECKS

Fuel Check

Check that there is fuel in the tank. Top up if necessary.

Engine Oil Level Check

Check the oil level in the crankcase every day. The oil must reach the edge of the filling hole when the machine is on a level surface.



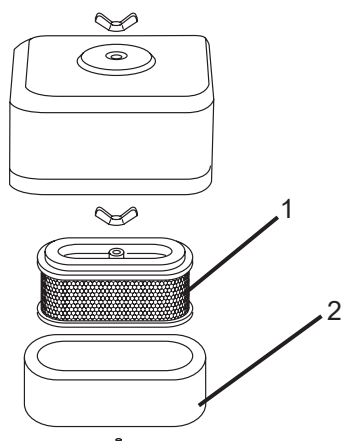
Air Filter check Briggs&Stratton engine

The air filter must be checked at least once every working week. When working in dusty conditions, check daily.

1. Paper element
2. Foam plastic element

Cleaning the air filter

1. Remove the foam plastic element and the paper element and check that they are undamaged. Replace damaged parts.
2. Wash the foam plastic element in liquid with a high flashpoint and let it dry properly. Dip in engine oil and squeeze dry.
3. Strike the paper element against a hard object a few times to loosen any dirt.



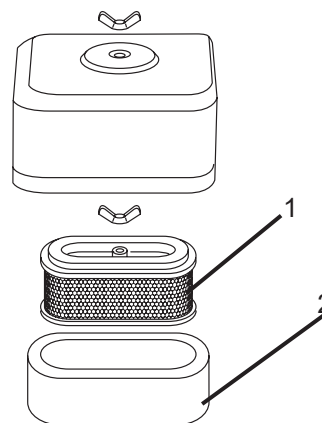
Air Filter check Honda engine

The air filter must be checked at least once every working week. When working in dusty conditions, check daily.

1. Paper element
2. Foam plastic element

Cleaning the air filter

1. Remove the foam plastic element and the paper element and check that they are undamaged. Replace damaged parts.
2. Wash the foam plastic element in liquid with a high flashpoint and let it dry properly. Dip in engine oil and squeeze dry.
3. Strike the paper element against a hard object a few times to loosen any dirt.



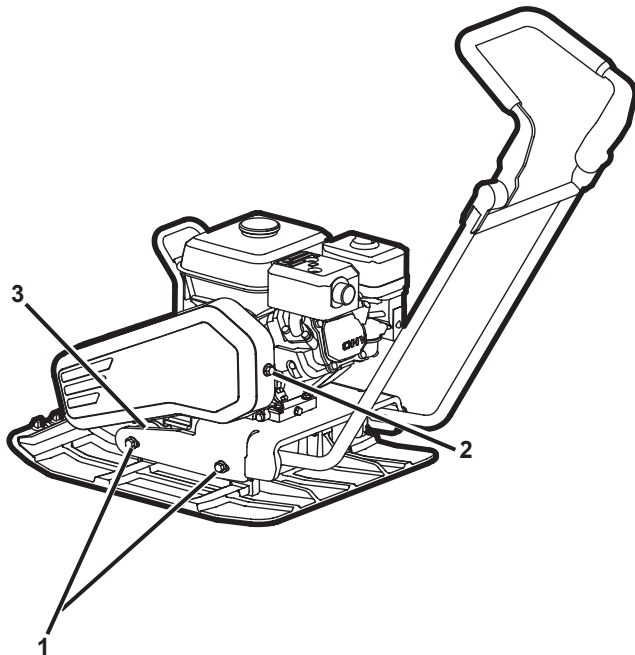
Oil/Fuel Leakage

Check every day that the engine is not leaking oil or fuel. If a leak is discovered, the machine may not be operated until the fault has been remedied.

See also the separate engine instructions!

V-belt Drive

Check the tension and condition of the V-belt regularly. Replace a damaged V-belt with the new type **XPA 882** for **F52** and **XPA 907** for **F82 and F92**.



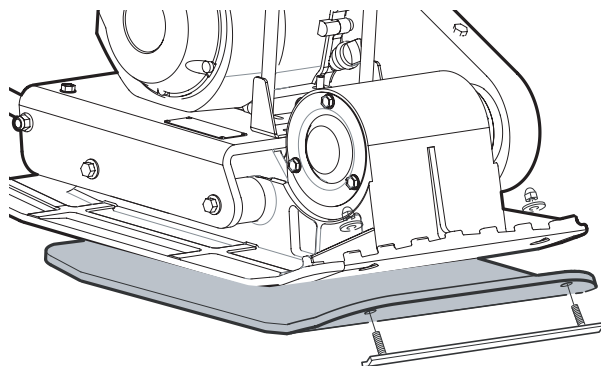
Adjustment of V-belt tension

Loosen the screws (pos 1) that hold the engine plate. Loosen the screws (pos 2) holding the cover. Remove the cover.

Tension the V-belt by pulling the handle on the side of the engine plate. Tighten the screws. Refit the cover.

Rubber Dampers

Check the condition of the rubber dampers (pos 3) regularly. Replace damaged dampers.

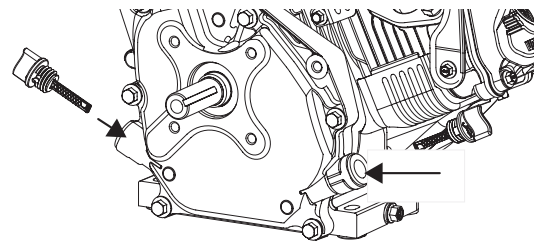


Polyuretan Pad

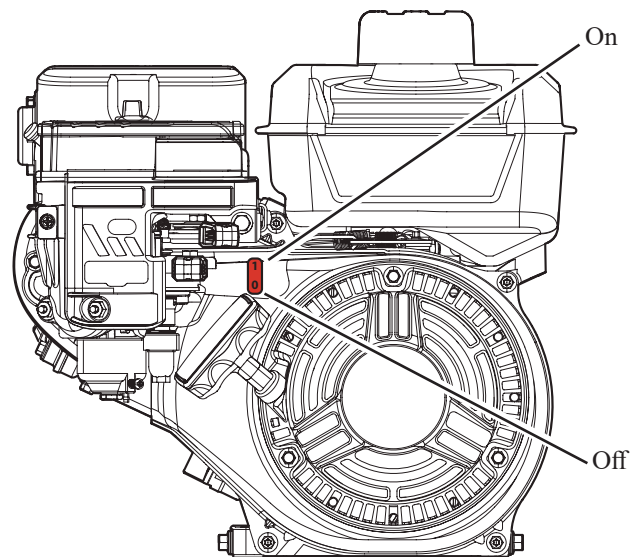
A polyuretan pad is used for stone paving work to protect against stones and ground clinker.

Note! accessories

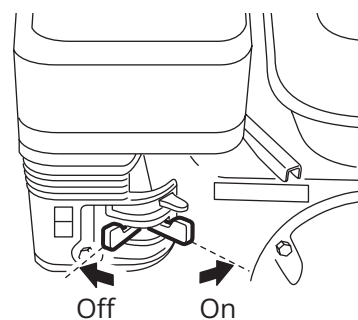
START / STOPP BRIGGS & STRATTON ENGINE



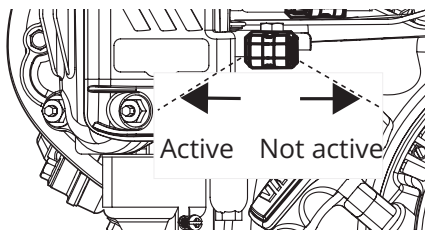
Oil level



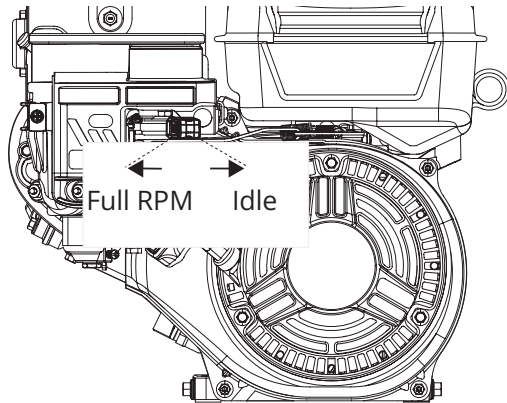
Engine power switch



Fuel valve



Choke



Throttle lever

AFTER STARTING

Switch the throttle lever to idle.

Open the choke gradually.

Run the engine warm for around 1-5 minutes.

STOPPING

Switch the engine to idle and let it run for a few minutes.

Switch the engine power switch to "0".

Close the fuel valve.

BEFORE STARTING THE ENGINE

See Daily Checks on page 7.

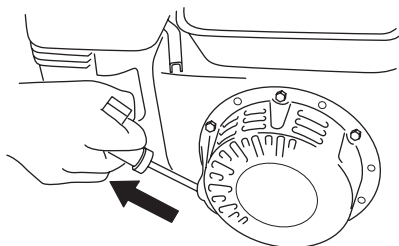
STARTING

Switch the engine power switch to "1". Open the fuel valve.

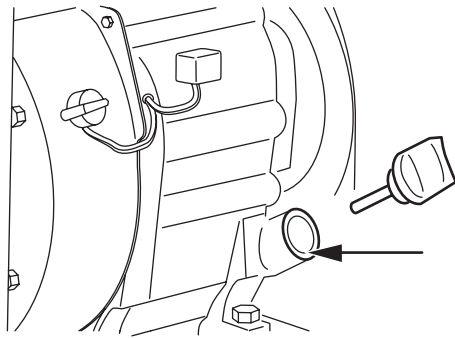
See that the lever is in idle speed position.

Activate the choke. If the engine is cold, activate the choke completely. Do not use the choke if the engine is warm or if the air temperature is high.

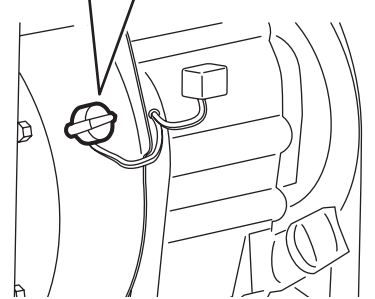
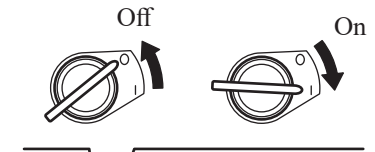
Start by pulling the starting handle. Pull it first until the mechanism engages. Then pull it hard and fast.



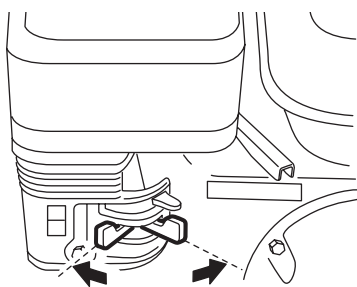
START / STOPP HONDA ENGINE



Oil level

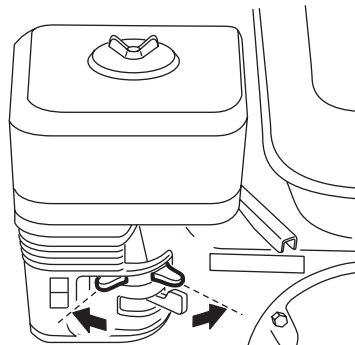


Engine power switch



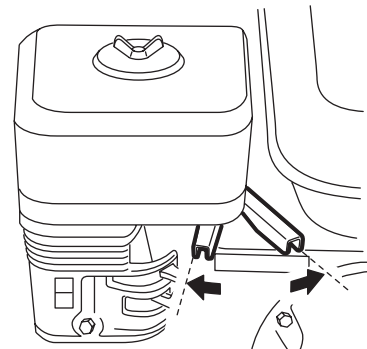
Off On

Fuel valve



Active Not active

Choke



Full RPM Idle

Throttle lever

BEFORE STARTING THE ENGINE

See Daily Checks on page 7.

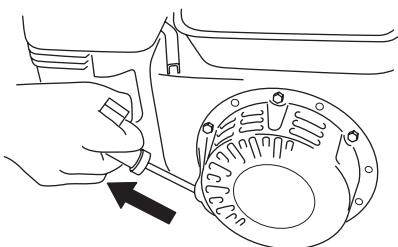
STARTING

Switch the engine power switch to "on". Open the fuel valve.

See that the lever is in idle speed position.

Activate the choke. If the engine is cold, activate the choke completely. Do not use the choke if the engine is warm or if the air temperature is high.

Start by pulling the starting handle. Pull it first until the mechanism engages. Then pull it hard and fast.



AFTER STARTING

Switch the throttle lever to idle.

Open the choke gradually.

Run the engine warm for around 1-5 minutes.

STOPPING

Switch the engine to idle and let it run for a few minutes.

Switch the engine power switch to "off".

Close the fuel valve.

MOUNT THE TRANSPORT WHEELS

The transport wheel kit for the F82 and F92 is possible to mount afterwards.

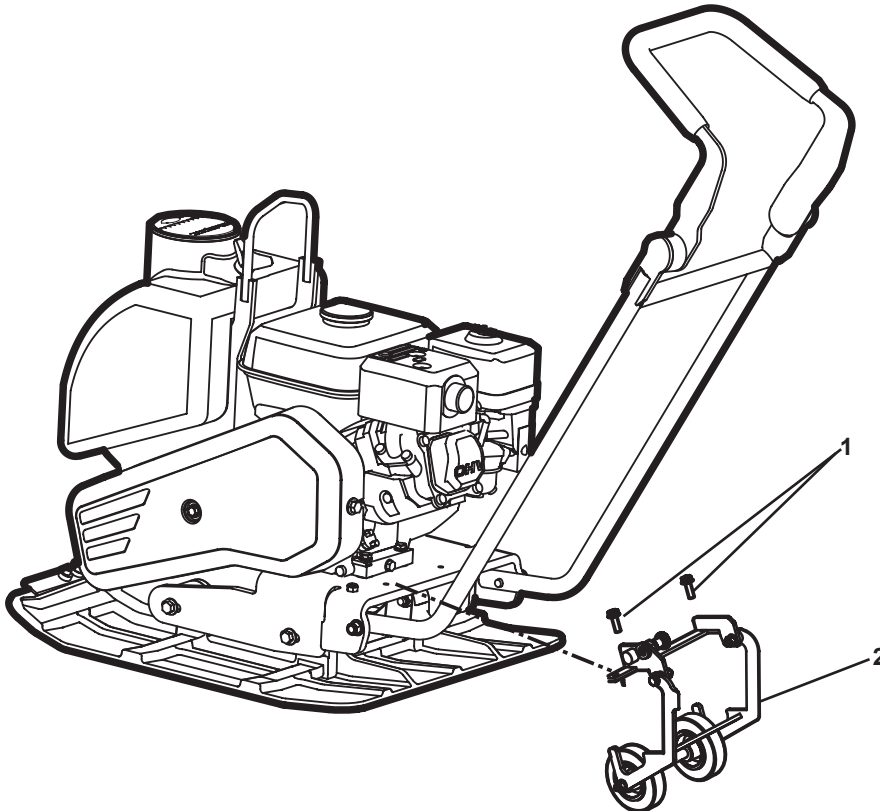
To mount the transport wheel kit do this steps:

Loosen the two screws which hold the rear part of the protection frame.

pos. 1.

Place the transport wheel kit **pos. 2** with the screws holes fitting the protection frame and the engine plate holes. Tighten the screws.

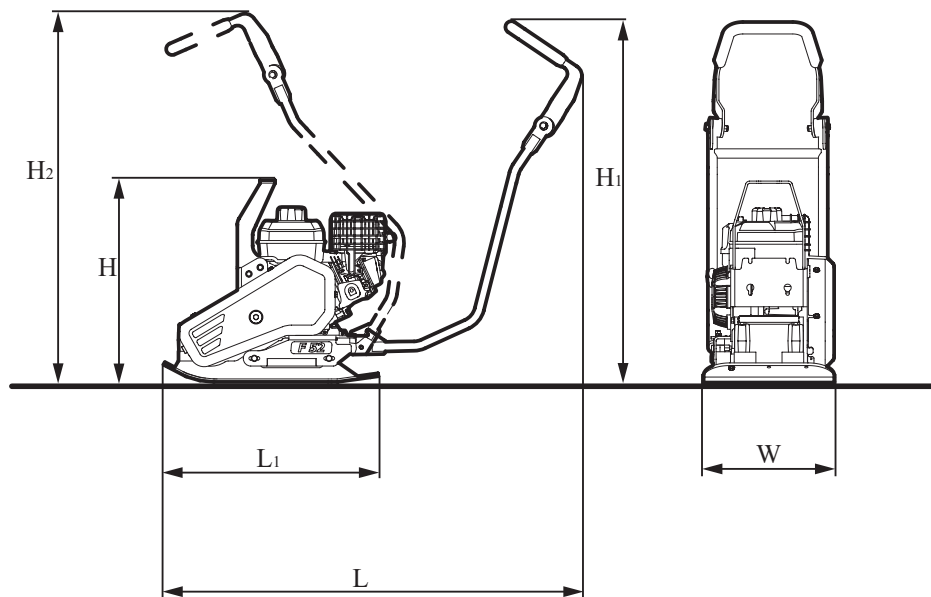
The transport wheels in the position like shown in the picture below is transport position.



Transporting position

DIMENSIONS F52 in mm

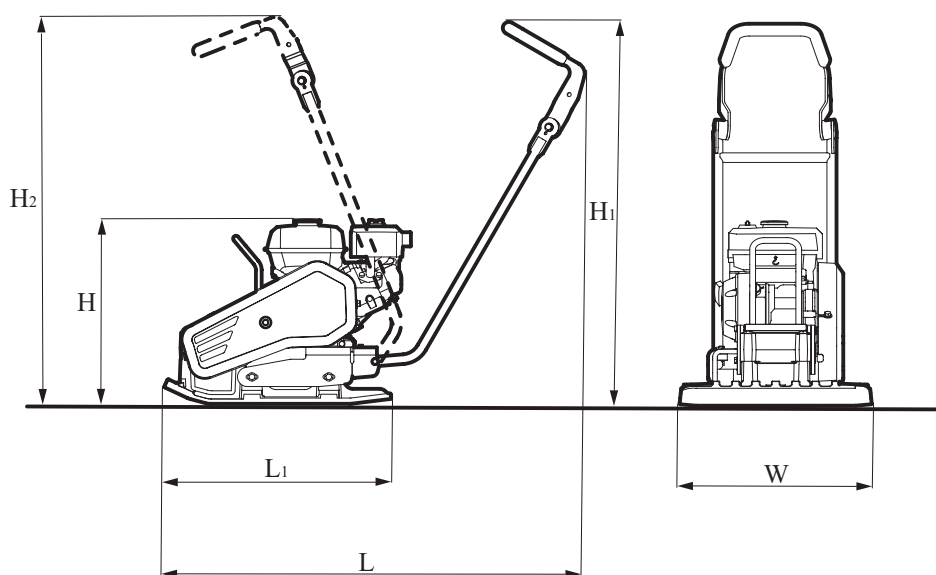
Dimensions Comfort handle



H	532
H ₁	1001
H ₂	937
L	1045
L ₁	575
W	350

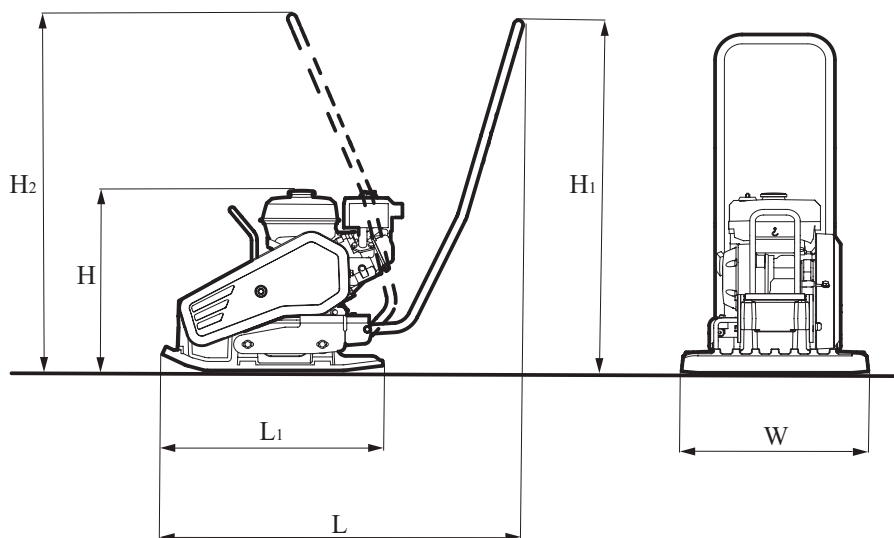
DIMENSIONS F82 / F92 in mm

Dimensions Comfort handle



H	630
H ₁	990
H ₂	980
L	1070
L ₁	610
W (F82 / F92)	430 / 500

Dimensions Standard handle



H	630
H ₁	945
H ₂	980
L	970
L ₁	610
W (F82 / F92)	430 / 500

TRANSPORTATION

It is easy to remove the handle without tools, and the boot of a standard car is sufficient to transport the machine.

Lifting by hand

Remove the handle by pushing it forward and pull apart the shafts so that the fastening tabs release. Move the handle slightly sideways so that the handle release.

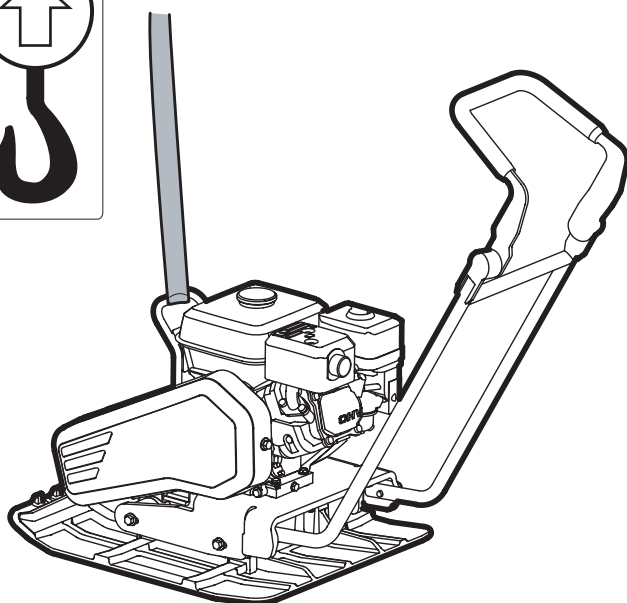
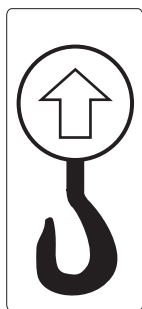
Caution! The machine must be lifted by 2 persons!

Lift by means of the handle on the back and the front edge of the machine.

Lifting with crane

Tilt the handle forward.

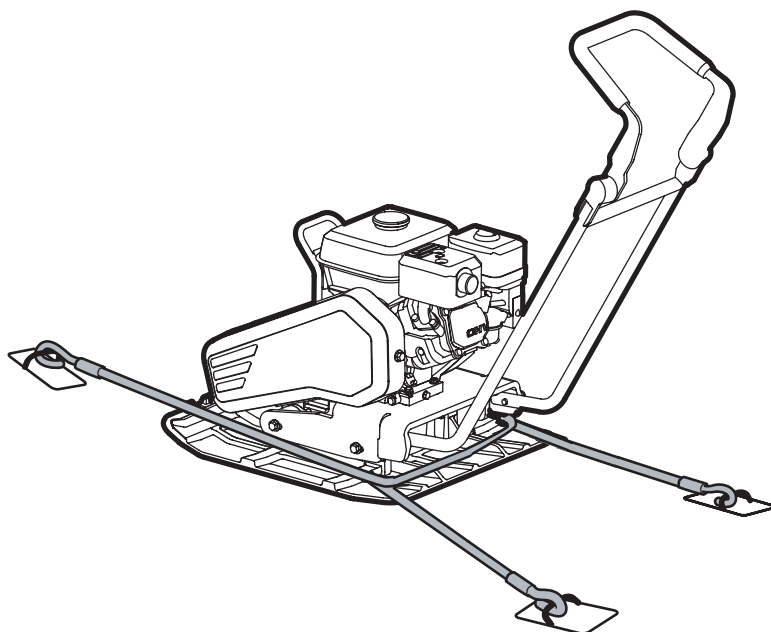
Fit a lifting sling to the lifting hook and thread the lifting sling between the shafts of the handle, see illustration below.



Transport locking

Secure the machine with straps according to illustration during transportation

Note! Secure it by the base plate and not the rubber-cushioned upper part.





EC-declaration of conformity

Manufacturer

**Swepac AB
Bergvägen 7
34132 Ljungby**

1. Category: Vibratory plate

2. Type: F52 / F82 / F92

3. Engine power: F52 2,6 kW
F82 4,0 kW
F92 4,0 kW

The product complies with the following directives:

2006 / 42 / EG

2000 / 14 / EG

2004 / 108 / EG

EN 500-1

EN 500-4

Technical documentation held by:

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

SWEPAC

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