

9 Operation and use



WARNING

- Improper handling may result in injury or serious material damage.
- Please read and follow all safety instructions in this operator's manual.

9.1 Inspection before commissioning

- Check the machine and components for damage. In the event of visible damage, do not operate the machine and immediately contact a Wacker Neuson dealer.
- Check the operator's controls for functionality.
- Ensure that loose packaging material has been removed from the machine.
- Current regulations of the local authorities for noise emissions are to be observed.
- Check the fuel level.
- Check the oil level.
- Check to ensure the screwed connections are firmly seated.
- Check the air intake area for contamination.

NOTICE

Perform control procedures according to the *Maintenance* chapter. If necessary, top off missing fuel, lubricants and coolants, see chapter *Technical Data*.

9.2 Notes about operation



WARNING

- Danger of tipping
- There is a serious risk of injury from slipping or tipping over of the machine.
- Always secure the machine from tipping over.
- Place the machine on level surface with a firm substrate.



WARNING

- Danger of crushing
- It is possible to crush hands and feet.
- Work carefully.



CAUTION

- Beware of physical impairments caused by vibration.
- Increasing hand and arm vibrations.
- Do not overload the machine.
- Take breaks periodically.



CAUTION

- Injuries or material damage.
- There can be strong recoils on firm, hard or rigid bottoms.
- Avoid these bottoms.

- In accordance with the intended purpose, the operator should stand behind the machine.
- Guide and steer the machine using the control handle.
- Utilize the machine's dead weight when working.
- Allow the machine to pull forward independently. Do not push or pull forward or backward with muscle power.

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- Hold the control handle left and right for an optimal control, performance and minimal hand-arm-vibrations.
- To avoid damage to the machine, the machine may not be relocated in a running state.
- Use caution with coarse materials. In order to avoid extreme wear of the ramming shoe, this must always strike parallel to the ground to be compacted.

Operation in channels

- On pit, cavity, dump and embankment edges, on trench edges and terraces, operate the machine so that there is no danger of tipping or falling over.
- Pay attention to the sidewalls and their stability. Danger of collapse and burying!
- Stability!

Operation below freezing

The cold oil in the percussion system can increase the resistance so much that the centrifugal clutch slips.

- Allow the machine to warm up at a low rpm, as otherwise the centrifugal clutch will wear quickly.

9.3 Commissioning

NOTICE

The machine must stand upright when starting and be placed on a suitable subsurface.

9.3.1 Start engine



WARNING

- Hot silencer
- Contact may cause burns.
- Firmly hold the machine only by the control handle.
- Wear protective gloves.



CAUTION

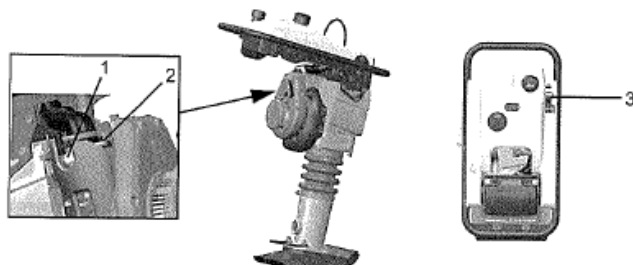
- Incorrect handling during starting can cause minor injuries.
- Only pull the starter rope if there is sufficient place and no people are in the immediate vicinity.

NOTICE

- Improper handling can damage the machine.
- Do not pull the starter rope all the way to the detent.
- Slowly allow the starter rope to reel in again.

NOTICE

To start the engine, remove the engine at least 3 m from the refueling point.



Item	Designation	Item	Designation
1	Purge bulb	3	Gas throttle lever
2	Choke		

1. Firmly hold the machine by the control handle.
2. Activate the choke if the engine is cold.
3. Put the throttle lever in the IDLING position. The fuel cock opens automatically.
4. Press the purge bulb 10x until it is completely filled with fuel.
5. Pull the starter rope of the recoil starter several times until the engine starts.
6. Allow the engine to warm up.
7. The machine will start and the vibration starts in the forward direction.

NOTICE

At full throttle, the choke will automatically disengage.

9.4 Operation

Only guide and steer the machine using the control handle.

9.4.1 Compacting material**WARNING**

Injuries from uncontrolled and unguided machines.

- Always hold the machine with both hands and assume a secure stance.

1. Guide the machine with both hands on the control handle.
2. Actuate the throttle lever until the desired rpm is reached.
3. Once the material is compacted, raise the machine and relocate.
 - When lifting the machine, place the throttle lever to IDLING so that the engine will continue to run at a low rpm.