

Vibratory Roller

4.3 Starting the engine

⚠ Danger

Danger of accident!

Always wear your seat belt.

Start the engine only from the operator's seat.



Fig. 19

- Put your seat belt on (Fig. 19).



Fig. 20

- Close the choke (Fig. 20).

Note

Always close the choke if the engine is cold or has cooled down.

Always open the choke when the engine is warm.

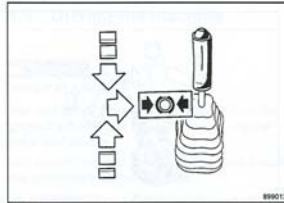


Fig. 21

- Check, whether the travel lever (Fig. 21) is locked to the right in braking position.



Fig. 22

- Shift the throttle lever (Fig. 22) to position "MIN".



Fig. 23

- Check, whether the emergency stop switch (Fig. 23) is unlocked.

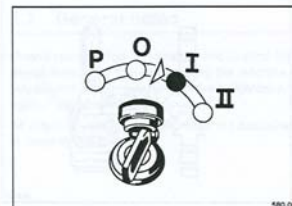


Fig. 24

- Turn the ignition key (Fig. 24) to position "I".

⚠ Caution

Do not attempt to start for longer than 20 seconds without interruption, but interrupt the starting process for a minute.

If the engine has not started after two attempts perform troubleshooting.

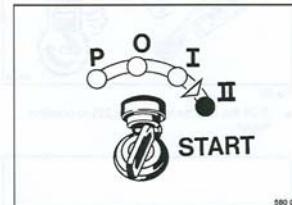


Fig. 25

- Turn the ignition key (Fig. 25) to position "II", the starter will crank the engine.
- As soon as the engine ignites return the ignition key to position "I".

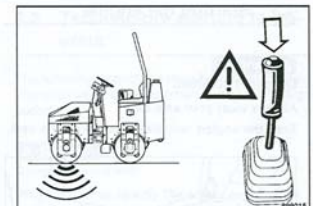


Fig. 26

- If the vibration starts to run after starting the engine, press the vibration push button (Fig. 26) immediately to switch the vibration off.



Fig. 27

- Open the choke (Fig. 27) slowly.

⚠ Caution

Run the engine warm for a short while, but do not run with idle speed for more than 10 minutes.

4.5 Driving the machine

⚠ Danger

Danger of accident!

Wet and loose soils considerably reduce the ground adhesion of the machine on inclinations and slopes.

Soil conditions and weather influences impair the gradability of the machine.

Do not drive up and down inclinations exceeding the maximum gradability of the machine (see technical data).

Never drive without fastening your seat belt.

Always give way to loaded transport vehicles!

Before starting to drive make sure that the drive range is free of dangers.

Drive and operate the machine only from the driver's seat.



Fig. 29

- Shift the throttle lever (Fig. 29) to position "MAX".

Note

During operation the throttle lever must always be maintained in full engine speed position.

Control the travel speed only with the travel lever (Fig. 2).

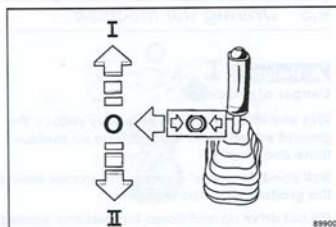


Fig. 30

⚠ Caution

When reversing the travel direction hold the travel lever for a moment in "0"-position, until the machine has come to a halt, then shift to the new direction.

- Unlock the travel lever (Fig. 30) by shifting it to the left out of braking position and move it slowly to the desired travel direction.

Position "I" = max. speed in forward

Position "II" = max. speed in reverse

4.6 Stopping the machine, operating the parking brake

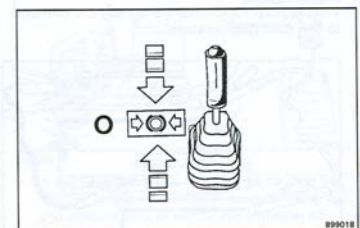


Fig. 31

- Move the travel lever (Fig. 31) to position "0". The machine is automatically braked by the hydrostatic drive.

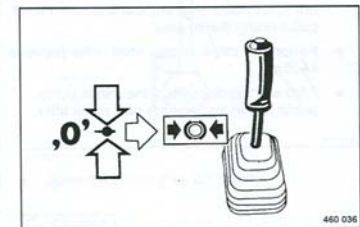


Fig. 32

- Push the travel lever (Fig. 32) to the right into parking brake position.

4.7 Switching the vibration on or off

⚠ Danger

Danger of damage!

When compacting with vibration you must always check the effect of vibration on nearby buildings and underground supply lines (gas, water, sewage, electric power) and stop compaction work with vibration, if necessary.

⚠ Caution

Risk of bearing damage!

Do not switch the vibration on on hard (frozen, concrete) ground.

i Note

Switch the vibration on when the engine is running with full speed.

Vibration at standstill leaves transverse marks in the asphalt, therefore:

- only switch the vibration on after shifting the travel lever to the desired travel direction.
- switch the vibration off before stopping the machine.

Switching the vibration on



Fig. 33

- Always shift the throttle lever (Fig. 33) to position "MAX".

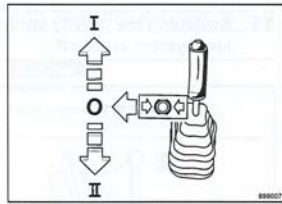


Fig. 34

- Move the travel lever (Fig. 34) slowly to the desired travel direction.

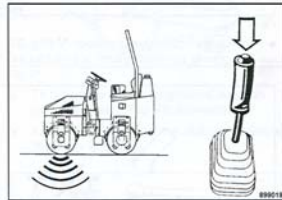


Fig. 35

- Actuate the vibration push button (Fig. 35).

Switching the vibration off

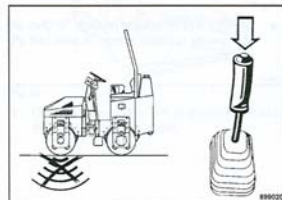


Fig. 36

- Actuate the vibration push button (Fig. 36) again.

4.8 Switching the gravity sprinkler system on or off

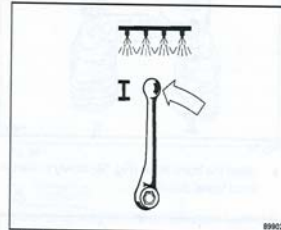


Fig. 37

- Switch the cock valve to position "I" (Fig. 37). The gravity sprinkler system is switched on.

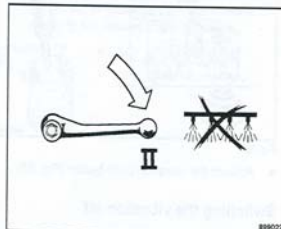


Fig. 38

- Switch the cock valve to position "II" (Fig. 38). The gravity sprinkler system is switched off.

4.9 Stopping the engine/machine

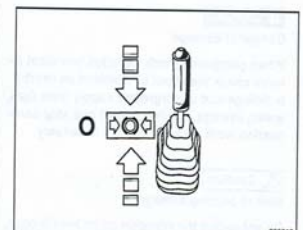


Fig. 39

- Move the travel lever (Fig. 39) to position "0". The machine is automatically braked by the hydrostatic drive.

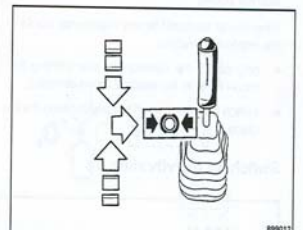


Fig. 40

- Push the travel lever (Fig. 40) to the right into parking brake position.

4.12 Loading and transport

⚠ Danger

Mortal danger!

Use only strong and stable loading ramps of sufficient load bearing capacity. Make sure that persons are not endangered by the machine tipping or sliding off.

Tie the machine down, so that it is secured against rolling, sliding and turning over.

Do not stand or step under loads being lifted.

Always use shackles on the lifting points for loading, tying or lifting the machine.

Check the fastening of the central lifting hook before each lifting process.

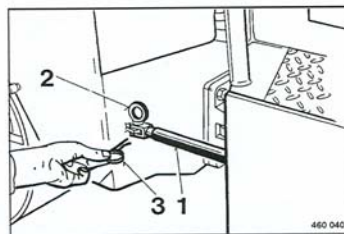


Fig. 48

- After driving the machine on the transport vehicle swing the articulation lock 1 (Fig. 48) out of its receptacle to the front. Insert the pin (2) and secure it with the cotter pin (3).

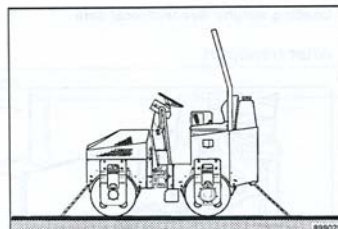


Fig. 49

- Tie the machine to the transport vehicle, attach the tying gear (Fig. 49) to the front and rear frame.

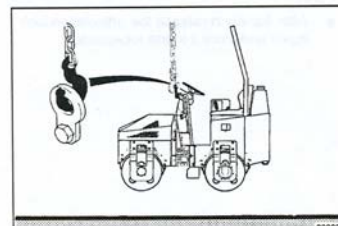


Fig. 50

- Always lift the machine by the central lifting facility (Fig. 50).