OPERATING INSTRUCTIONS

DUMPER

2701



COMPANY
neuson kramer

neuson®
Baumaschinen GmbH

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17 Maintenance after every 125 - 250 operating hours

NOTE:
In addition to the maintenance work to be done weekly and/or after every 50 operating hours the following work shall be done, cf. also Maintenance schedule item 14.2

17.1 Engine

For maintenance work please cf. the operating instructions for the engine.

17.1.1 Change motor oil and oil filter

See operating instructions for engine
Dispose of waste oil and filter as provided by environmental law.

17.1.2 Replace fuel filter

Dispose of the filter as provided by environmental law.

17.1.3 Check engine speed and exhaust system

See operating instructions for engine

17.2 Hydraulic system

17.2.1 Check hydraulic oil and hydraulic oil filter

In case of a necessary change of filter, dispose of it as provided by environmental law.

17.3 Electrical system

Check the fixtures of the cable harnesses and the battery. Retighten, if necessary and lock it against rotation.

17.4 Winter operation

* Before the cold season the battery fluid must be checked for being frost resistant. Stored devices must be converted to winter diesel.

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L18	full headlight beam
L19	back lamp
M1	starting motor
S1	ignition lock
S2	light switch
S3	warning flasher device switch
S4	level switch brake fluid
S5	stop light switch
S6	driving selector switch
S7	switch for direction indicator-full headlight beam
S8	horn pushbutton
S11	pressure switch motor oil pressure
S12	pressure switch hydraulic oil filter
S13	switch fuel reserve
S14	diesel tank sensor
S15	water temperature switch
S16	stopping solenoid
S17	parking brake switch
EV1	solenoid valve for reverse motion
EV2	solenoid valve for forward motion
EV3	solenoid valve for slow speed
ST1	operating hours meter
T1	tank indicator

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6.3.6 The bearing capacity of bridges, basement ceilings, vaulting etc. must be checked before driving over them.

6.3.7 The clearance dimensions of underpasses, tunnels etc. must be checked prior to driving into them.

6.3.8 On high gradients and slopes, the load must be kept towards the incline if possible to increase stability.

6.3.9 The engine must not be out of gear when driving downhill. Prior to driving down the slope, the gear suited to the terrain must be selected and no gear change made while driving downhill.

6.3.10 Slopes on driveways must be designed to ensure that earthmoving machinery can be safely braked.

6.3.11 Extensive reversing should be avoided.

6.3.12 Earthmoving machinery must not be driven on the public highway unless an operating and driving licence compatible with the national traffic legislation is available.

6.3.13 Outside the public transport area, e.g. on construction sites, traffic regulations should be applied analogously. This point should also be taken into account there with respect to the driving licence.

6.4 Loading, unloading

6.4.1 The machine operator must not swing the operating devices across occupied driving, operating and working places of other machines unless they are secured with fall-over protective structures (FOPS).

6.4.2 If the required protection above the driver's cab is not present, the driver of that vehicle must leave the driver's stand when swinging across it is necessary.

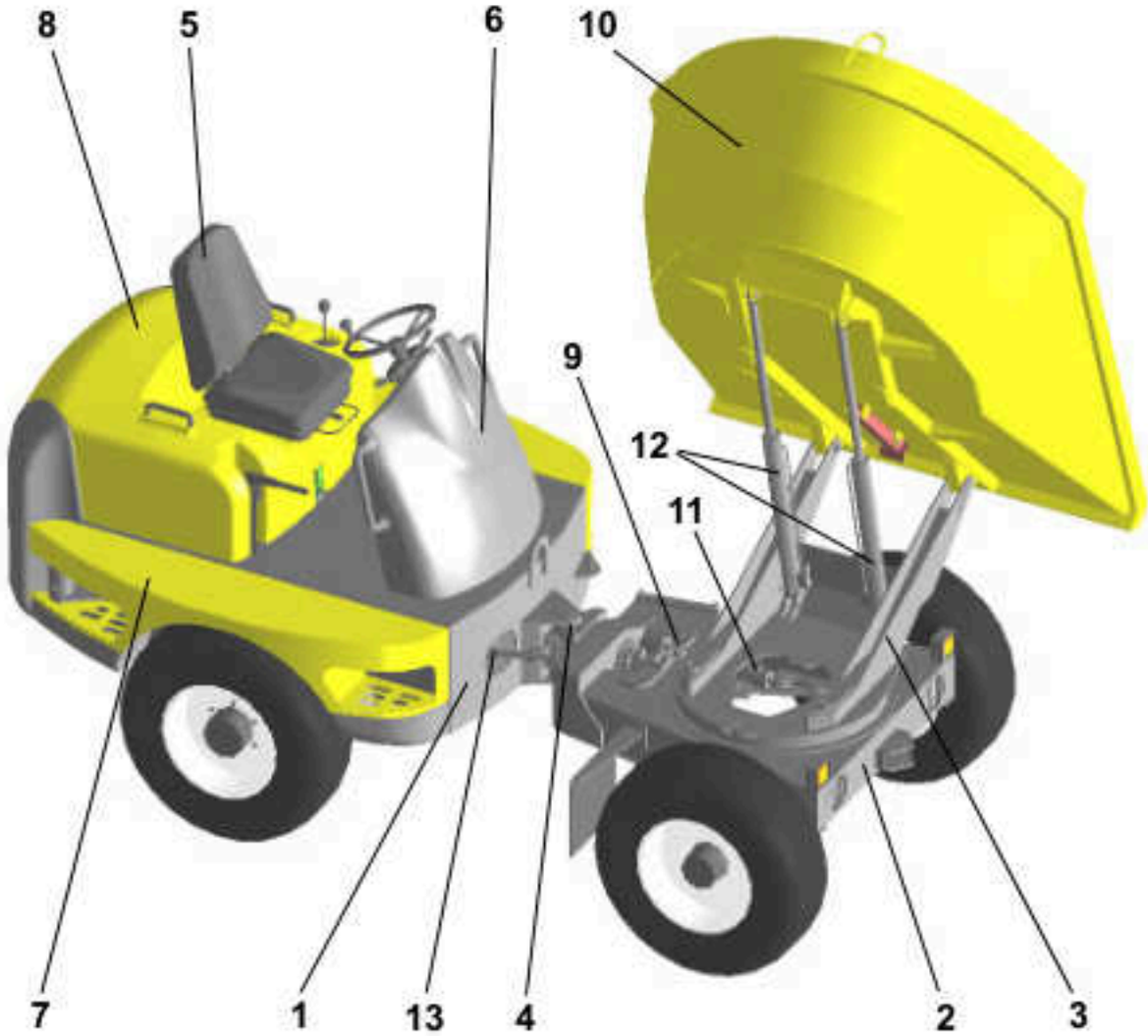
6.4.3 The vehicles must be loaded in such a way that they are not overloaded and cannot lose any material while being driven. They must be loaded from the lowest possible height.

6.4.4 The unloading locations must be designed to ensure that extensive reversing is avoided as fast as possible.

6.4.5 Earthmoving machinery must not be operated at dumping sites unless appropriate measures have been taken to prevent inadvertent movement or overturning.

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4 Designation of structural components



1 rear chassis
2 front chassis
3 slewing bracket
4 articulated pendulum joint
5 driver's seat
6 control panel
7 wing
8 engine bonnet
9 slewing centering mechanism
10 dump body
11 slewing cylinder
12 tilting cylinder
13 steering cylinder

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