User manual

Dumper

3001/4001/5001



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neuson®

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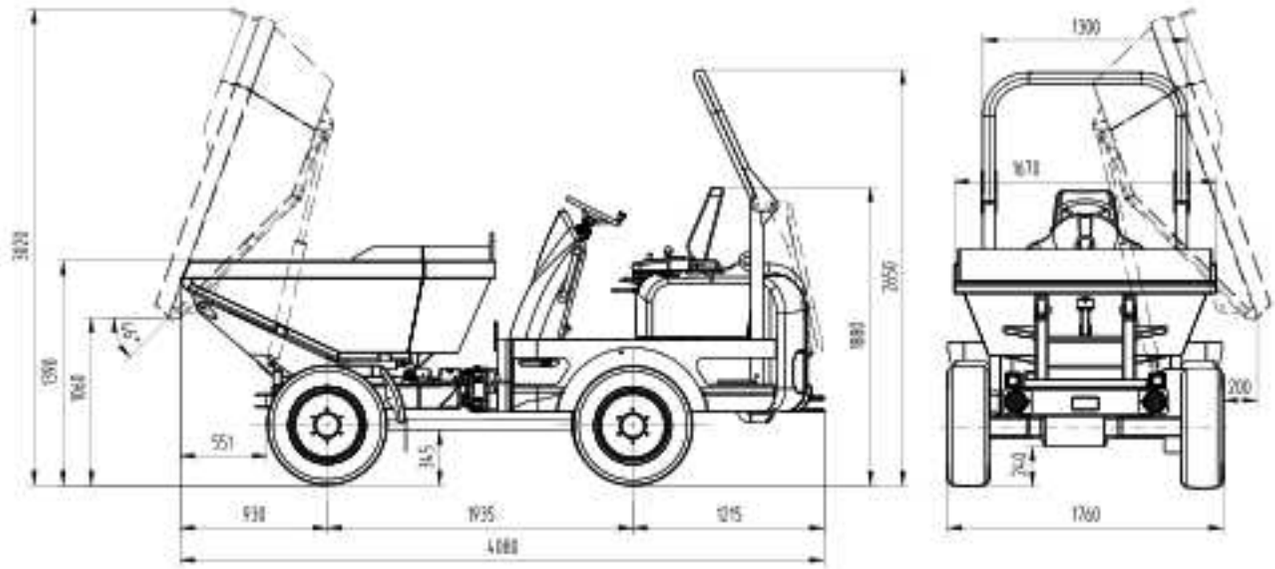
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3 Description
3.1 Technical data
Dimensions 3001

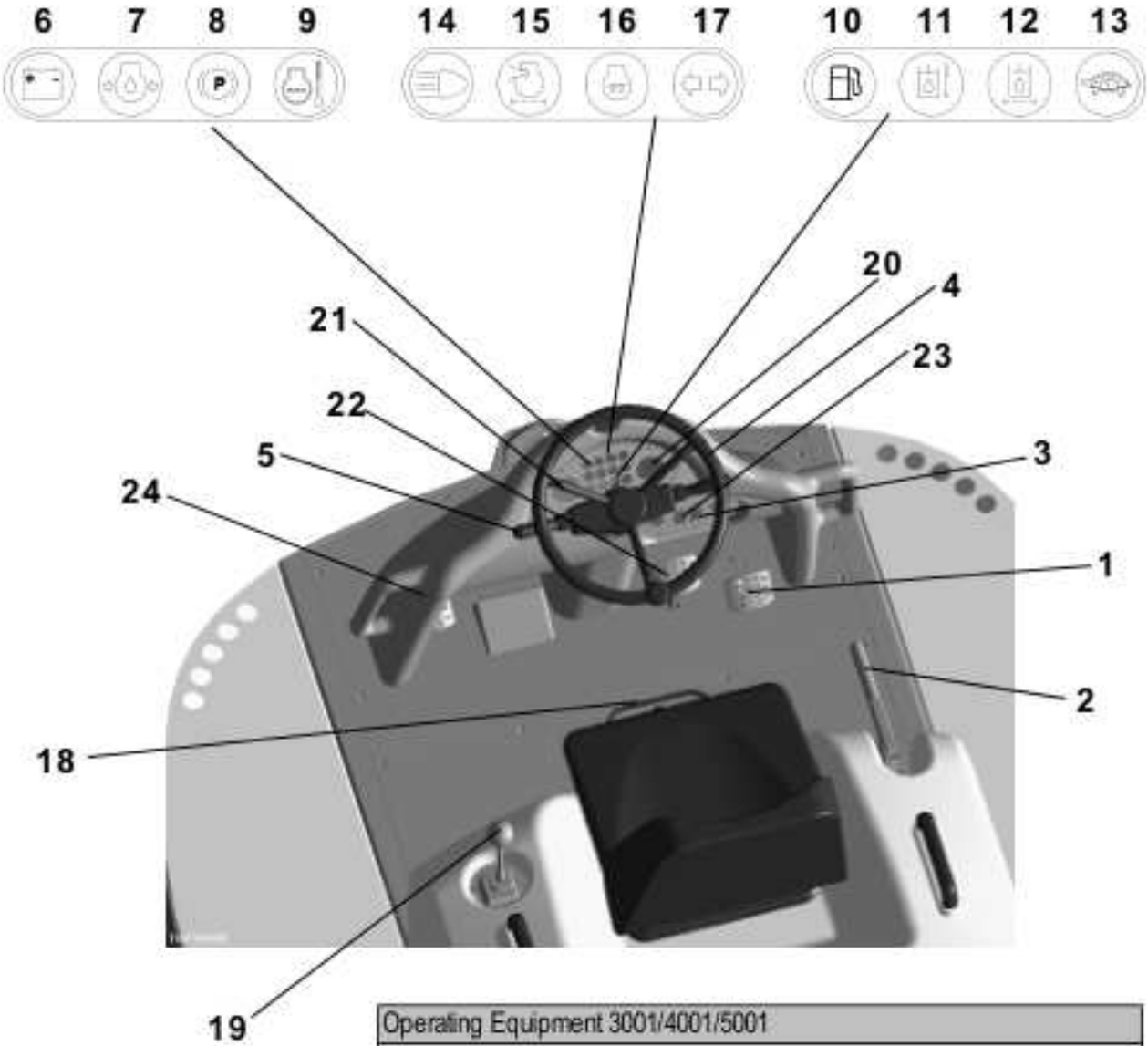


Main data

Main data 3001	
Useful load	3000 kg
Empty weight	approx. 2560 kg
Muldeninhalt	1250 litres level
	1850 litres heaped
	850 litres water measure
Driving speed	21 km/h
Turning radius	3650 mm außen
Climbing ability	50 %
Safe admissible inclination	
in all driving positions	25 %

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4.1 Operating Equipment 3001/4001/5001



Operating Equipment 3001/4001/5001	
1 driving pedal	12 pilot lamp hydraulic oil filter
2 parking brake	13 pilot lamp slow motion
3 ignition lock I ignition	14 pilot lamp full headlight beam
II preheating	15 not assigned
III starting	16 pilot lamp preheating
4 commutator switch	17 pilot lamp flasher
5 flasher switch - horn	18 strapfor longitudinal shifting of seat
6 pilot lamp charge	19 control lever for dump body
7 pilot lamp motor oil pressure	20 operating hours meter
8 pilot lamp parking brake	21 fuel gauge
9 pilot lamp engine brake	22 barking pedal
10 pilot lamp fuel reserve	23 light switch
11 not assigned	24 differential lock

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17 Maintenance Every 250 Operating Hours

NOTE: In addition to the maintenance work to be done weekly and 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.

Change Motor Oil and Oil Filter

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

Replace Fuel Filter

Dispose of filter as provided by the environmental law.

Check Engine Speed and Exhaust System

See operating intructions for the engine.

17.2 Hydraulic System

Check Hydraulic Oil and Hydraulic Oil Filter

If a change of the filter becomes necessary, it must be disposed of as provided by the environmental law.

17.3 Electrical System

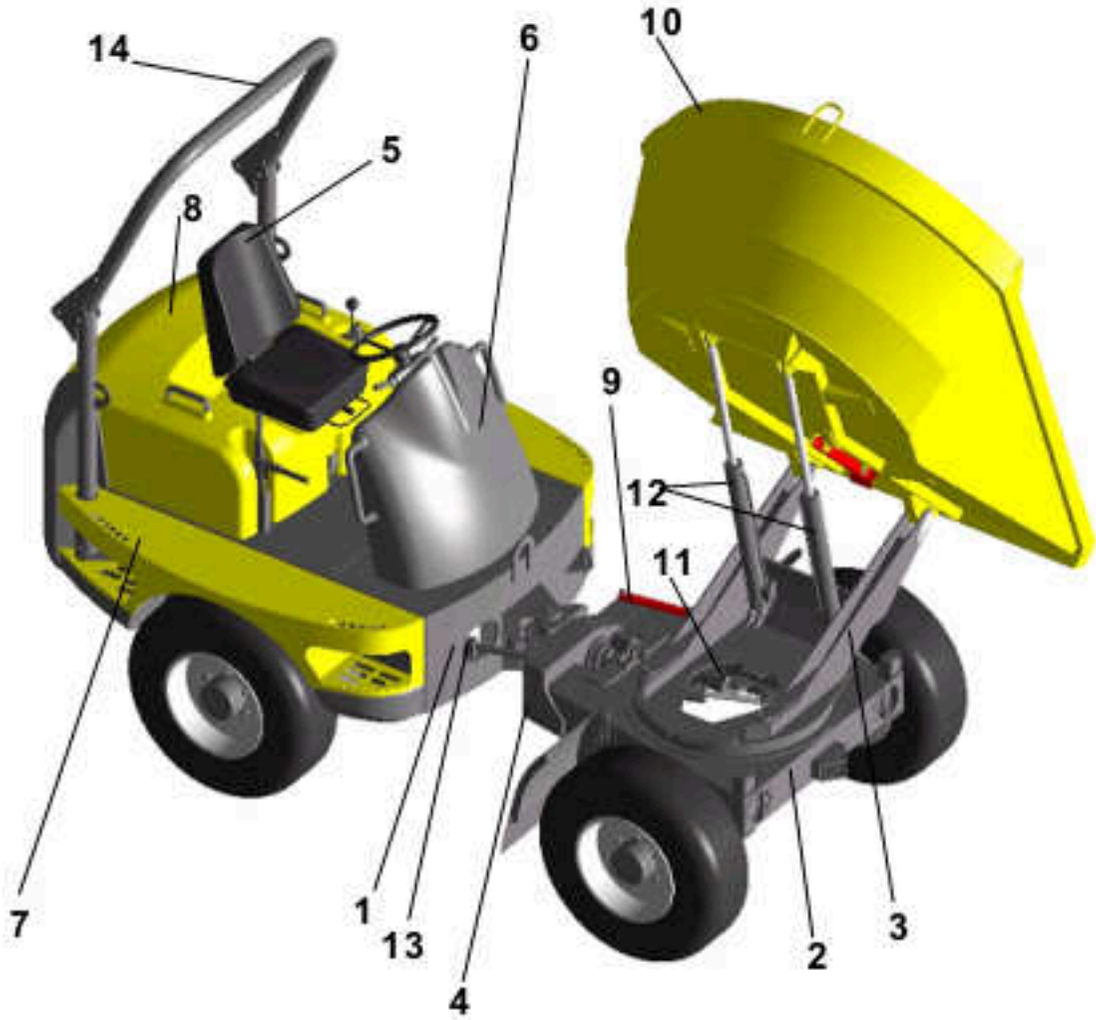
Check the fixtures of the cable harnesses and the battery. Retighten, if necessary, and lock them against rotation.

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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4 Designation of Structural Components 3001/4001/5001



Designation of Structural Components 3001/4001/5001	
1 rear chassis	8 engine bonnet
2 front chassis	9 slewing centering device
3 slewing bracket	10 dump body
4 articulated pedelum joint	11 slewing cylinder
5 driver's seat	12 tilting cylinder
6 control panel	13 steering cylinder
7 wing	14 roll bar

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