OPERATOR'S MANUAL

LW190.B
WHEEL LOADER

Revison Date: 06/2004

NEW HOLLAND
CONSTRUCTION

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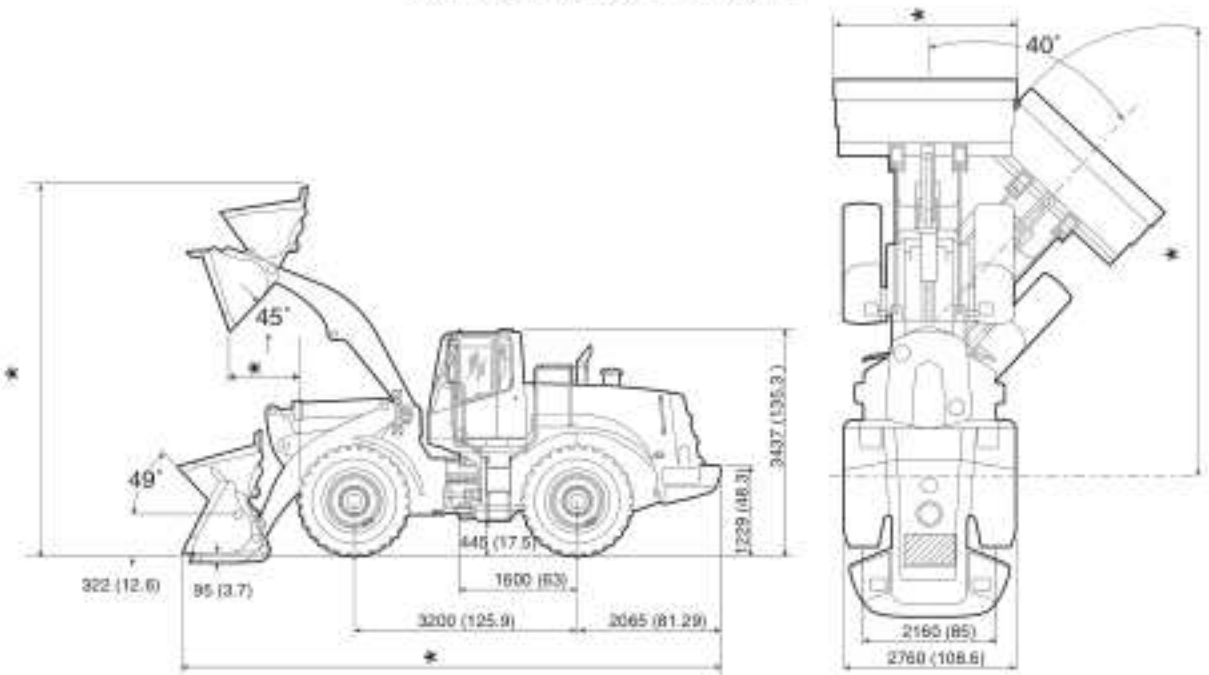
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DIMENSIONS AND WEIGHT



Dimensions in mm (in)

Operating weight: 17700 kg (39022 lbs)

Note – *Machine equipped with tyres 23.5R25XHA, fluids and operator.*

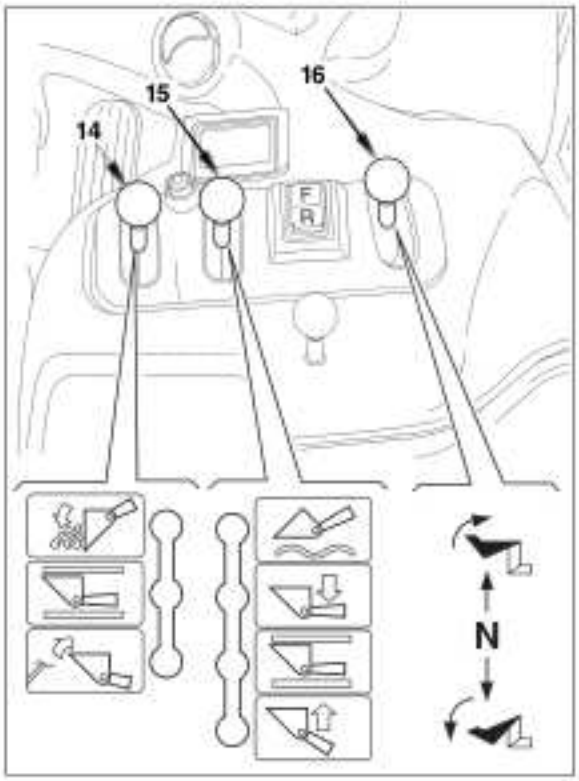
* Please refer to the table

Type of bucket

		With teeth and segments	With suppl. cutting edge	With teeth
Bucket capacity	m^3 (yd^3)	3.2 (4.2)	3.2 (4.2)	3.1 (4)
Bucket weight	kg (lbs)	1520 (3351)	1465 (3229)	1425 (3141)
Bucket width	mm (in)	2960 (116.5)	2920 (114.9)	2960 (116.5)
Dumping height at 45°	mm (in)	2890 (113.7)	2980 (117.3)	2890 (113.7)
Dumping reach at 45°	mm (in)	1135 (44.6)	1060 (47.7)	1135 (44.6)
Max. length (w/ bucket on ground)	mm (in)	8030 (316.1)	7920 (311.8)	8030 (316.1)
Max. height (w/ bucket raised)	mm (in)	5380 (211.8)	5380 (211.81)	5380 (211.8)
Turning radius (in transportation position)	m (ft)	6.5 (21.3)	6.5 (21.3)	6.5 (21.3)
Digging deep	m (in)	-	300 (11.8)	-

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15-16-17. EQUIPMENT CONTROLS



15. Bucket tilting control lever

When moving the lever forward, the bucket is dumped, whereas when pulling it backward, the bucket is rolled-back. besides this position, the lever is held by an appropriate detent; the lever returns to neutral after the intervention of the bucket automatic positioner, setting it parallel to the ground.
The stopping of the bucket in the desired position is obtained by releasing the lever, that returns to neutral.

16. Booms control lever

When moving the lever forward, the booms are lowered; when pulling it backward, the booms are raised.
The stopping of the booms in the desired position is obtained by releasing the lever, that returns to neutral.
When the bucket must be lifted to maximum height, pull the lever to stroke-end where it is held by an appropriate detent. In this case the lever returns to neutral by itself, once the BOOM KICK-OUT DEVICE intervenes.

WARNING

Move the lever gradually to control the descent of the bucket, especially when full, to prevent shocks jeopardising the stability of the machine.

To make the bucket floating, meaning bearing on the ground under its own weight only, push the lever forward, to stroke-end, where it is held by an appropriate detent. The floating condition is cut-off when the lever is returned to neutral.

17. Supplementary hydraulic function lever (optional)

The lever is supplied upon request to control the third spool of the control valve.
It can be used for a multi-purpose (4 in 1) bucket or other hydraulic functions.

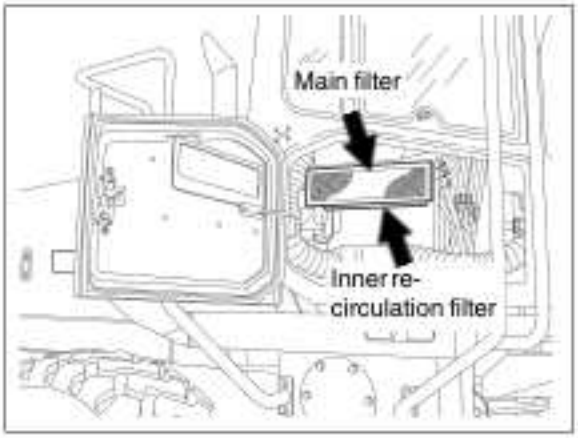
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EVERY 10 HOURS WORK

CAB:

1. Check of cab ventilation air filters

To reach the filter, open the panel on the right side of the cab.



WARNING

Wear safety glasses with side panels when using compressed air to clean components, so as to reduce the danger of personal injuries caused by flying particles.
Limit the pressure to 2 bar (29 psi) in accordance with current local or national regulations.

Check the main filter; in case it shows tears, replace it. If it is clogged, clean it as described here below:

– tap the filter kindly on a flat surface;
– complete the cleaning of the filter with a jet of fry and clean air, following the plies of the elements, until all the dust has been removed.

Notice – *Keep the jet of compressed air at some distance from the filter.*

Remove the re-circulation air filter retaining screws and extract it.
In the event the filter is torn, replace it. If clogged, clean it using a detergent and water and dry it with compressed air.
Prior to re-installing the filters, clean the air intake vents on the panel.

ENGINE:

2. Draining the fuel filter condensation

WARNING

Extinguish all smoking materials or free flames before checking or refuelling the fuel tank, replacing filters or removing the condensation plug, due to the presence of flammable fumes.



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