WACKER NEUSON

Operator's Manual

Telehandlers

TH522



Machine model	TL48
Version	1.5
Doc. Number	1000318086
Language	[en]

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EGDeclaration of conformity

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EG Declaration of conformity

Figure of EC declaration of conformity supplied with the machine

WEIDEMANN

EC Declaration of Conformity

Manufacturer

Weidemann GmbH, Mühlhäuser Weg 45-49, 34519 Diemelsee, Germany

Product

Vehicle designation	Telescopic Loader
Type/Version	TL48
Trade name	TH522
Chassis number	
Power kW at rated speed min^{-1}	36,3/44,7 (2800)
Measured sound power level dB(A)	101,5
Guaranteed sound power level dB(A)	103

Conformity assessment procedure

In accordance with 2000/14/EC Annex VIII

Office named in the procedure

Europäisch notifzierte Stelle, Kenn-Nr. 0515 DGUV Test, Prüf- und Zertifizierungsstelle, Fachbereich Bauwesen
Landsberger Straße 309, 80687 München, Germany

Directives and standards applied

We hereby declare that this product satisfies the relevant provisions of these Directives:

2006/42/EG, 2000/14/EG, 2014/30/EU, DIN EN ISO 12100 and DIN EN 1459

Authorised representative for the compilation of the technical file

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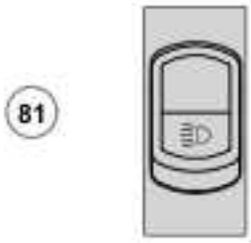
Diemelsee-Flechtdorf,

Bernd Apfelbeck
Director

Klaus Pohl
Director

Translation of the Original Declaration of Conformity

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Lights (option)

Switch **81** is located in Switch panel 2. The lights are operated by moving switch **81** to position I. Operation with steering-column control lever **16** is then possible.

➥ *Machine lights (option) on page 5-18*



Loader unit lock

Switch **82** is located in Switch panel 3. The loader unit can be secured with a lock against unintentional operation. After enabling the lock, indicator light in switch **82** illuminates, and operating the loader unit is not possible.

➥ *Locking the loader unit on page 5-30*



Rear hydraulic connection (option)

Switch **83** is located in Switch panel 3. The hydraulic connections at the rear of the machine are operated with switch **83**.

➥ *Hydraulic connections at rear on page 5-70*



Hazard warning system (option)

Switch **84** is located in Switch panel 3. The hazard warning system is switched on and off with switch **84**.

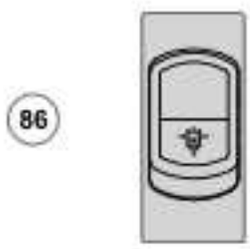
➥ *Hazard warning system (option) on page 5-20*



Continuous operation of 3rd control circuit (option)

Switch **85** is located in Switch panel 3. The 3rd control circuit can be operated continuously with switch **85**. Scroll wheel **74** then does not have to be held. The hydraulic connection on the left is the return, the hydraulic connection on the right is the pressure side.

➥ *Continuous operation of hydraulic connections on loader unit on page 5-37*



Pressure relief

Switch **86** is located in Switch panel 3. The pressure in the 3rd control circuit can be released with switch **86** before connecting hydraulic attachments.

➥ *Re-equipping attachments on page 5-39*

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Information on working with a lightweight material/earth bucket

Information

The lightweight material bucket is used for lightweight material, such as grain, corn and pellet feed.

The earth bucket is used for heavy material, such as gravel, sand, soil and rock.

Designated use

The designated use of the lightweight material/earth bucket is loosening, picking up, transporting and dumping material.

Transporting persons in the lightweight material/earth bucket is not in compliance with the designated use.

Installing the lightweight material/earth bucket

➥ *Re-equipping attachments on page 5-39.*

Control elements

Operate the lightweight material/earth bucket with control lever **8**.

➥ *Loader unit control lever on page 5-25*



Fig. 108

Operation

Select bucket mode.

➥ *Working modes on page 5-34.*

When tilting out the lightweight material/earth bucket and when loading vehicles, two work movements can be performed at the same time if required, for example “Raising” and “Tilting out” or “Lowering” and “Tilting in”. This requires “blending” the movements with control lever **8**.

H = raise

S = lower

Sa = float position

E = tilt in

A = tilt out

The float position makes it possible to remove material in order to grade a surface. To do this, lower the cutting edge of the lightweight material/earth bucket to the ground. Make control lever **8** lock in position **Sa**. The lightweight material/earth bucket is now on the ground, freely movable and only with its own weight and that of the loader unit.

Information

When screeding surfaces, ensure that the bucket mode is switched on. With the stacking mode switched on, the telescopic arm pulls out too.

– *see “Working modes” on page 5-34*

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7 Maintenance

7.1 Information on maintenance

Responsibilities and prerequisites

- The maintenance and inspection personnel must have specialized knowledge about the maintenance and inspection work on the machine.
  - ➥ The necessary expertise can be obtained at training sessions from Wacker Neuson Service.
- Perform maintenance and inspection work only with suitable protective equipment.
  - Wear ear protectors in case of high noise levels.

Safety instructions

Information on maintenance

- Only perform maintenance and inspection work after having read and understood the Operator's Manual.
- Pay attention to the basic safety instructions and to all the warning labels affixed on the machine.
- The Operator's Manual describes the work to be performed.
  - However, the descriptions of the work processes provide the required information only to experienced personnel having appropriate knowledge.
- Always store the Operator's Manual in the place provided for it on the machine.
- The work that is not specified in this Operator's Manual may only be performed by an authorized service center.

Information on the machine and the attachment

- Only perform maintenance and inspection work if the machine is secured as described in chapter *Securing the machine on page 5-13.* .
- A raised loader unit can fall suddenly and cause serious injury.
- A raised loader unit must be secured with a suitable support if it is absolutely necessary to work underneath it.
  - ➥ *Safety prop for telescopic arm on page 5-29*
- Lower attachments on the ground ensuring that no movements can occur when releasing mechanical or hydraulic connections.
- Secure equipment or components that are to be attached or removed, or whose installation position is to be changed, with the aid of suitable lifting gear or with mounting or support devices to prevent unintentional movement, slipping or falling.
- Remove dirt from steps and handholds to keep them safe and ready for use.

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Fig. 13

Warning label W9: Protective ROPS/FOPS structures

- Damaged protective ROPS/FOPS structures cannot serve their protective function.
- Never drill or weld protective ROPS/FOPS structures.
- Follow the Operator's Manual.

Located on the protective ROPS/FOPS structure/cabin.



Fig. 14

Warning label W10: Injury hazard due to lowering of loader unit!

- If the right cabin window is damaged or missing, body parts may protrude and be crushed by the loader unit.
- If the right cabin window is damaged or missing, immediately park the machine and secure it.

Affixed in the cabin on the window on the right.



Fig. 15

Warning label W11: Tipping hazard!

If the loader unit is lowered with the telescopic boom extended, the safe working load may be exceeded. This can cause the machine to tip forward!

- Retract the telescopic boom first and then lower it.
- Observe the safe load indicator.

Affixed in the cabin on the window on the right.



Fig. 16

Warning label W12: Accompanying persons

Additional persons riding on the machine can fall off and be injured.

- Never transport persons with the machine.

Located in the operator's compartment.

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Control and display elements

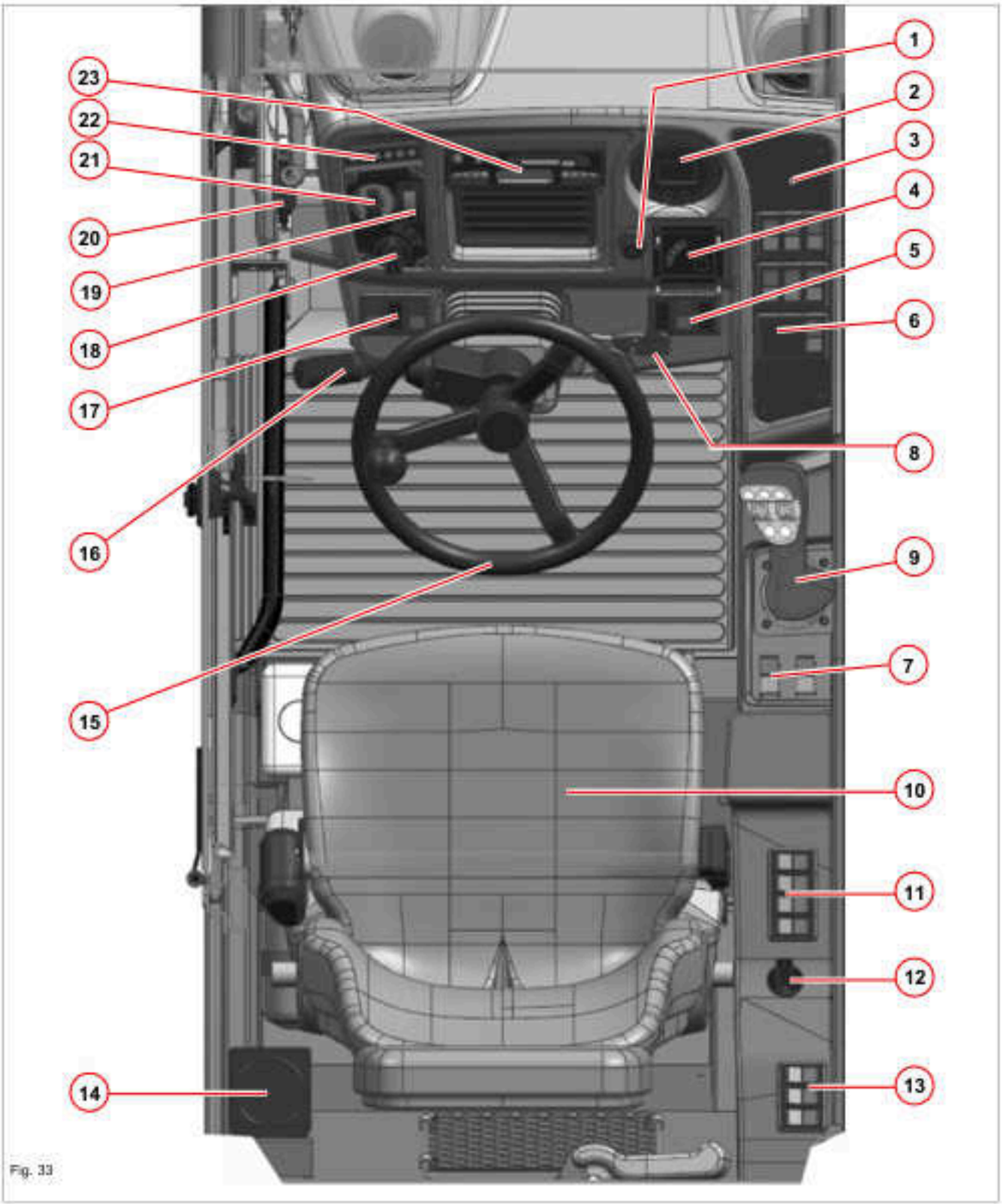


Fig. 33

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