WACKER NEUSON

Operator's manual

Telehandlers

TH627



Machine model	418-02
From serial no.	418 02 0001
Version	4.0
Document number	1000349679
Language	[en]

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EC Declaration of Conformity

Original declaration of conformity

Manufacturer

Kramer-Werke GmbH, Wacker-Neuson-Str. 1, D-88630 Pfullendorf

Product

Vehicle designation model	Telehandler 418
Version	418-02
Trade name	TH627
Serial number	418 02 _____
Output in kW	55.4
Measured sound power level dB(A)	103
Guaranteed sound power level dB(A)	104

Conformity assessment procedure

According to 2000/14/EC appendix VIII

Notified body involved in procedure

DGUV Test Prüf- und Zertifizierungsstelle [DGUV testing and certification center]
(EU identification number: 0515)
Fachbereich Bauwesen [Civil Engineering Section]
Landsberger Str. 309
D-80687 Munich

Applied directives and standards

We hereby declare that this product corresponds to the relevant regulations and requirements of the following EC Directives and standards:
2006/42/EC, 2000/14EC, EN 13309, DIN EN 1459, DIN EN 15000, DIN EN ISO 12100: 2010.

Authorized representative for the compilation of technical documentation

Kramer-Werke GmbH
Product Development
Wacker-Neuson-Str. 1
D-88630 Pfullendorf

Pfullendorf, the __.__.____



M. Arndt
Head of product development
Kramer-Werke GmbH

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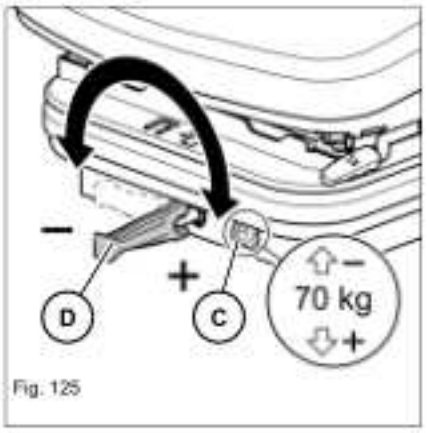


Fig. 125

Adjusting to a higher weight:

1. Sit down on the operator seat.
2. Turn the lever **D** clockwise and read the weight on the display **C**.

Adjusting to a lower weight:

3. Turn lever **D** counterclockwise
4. Read the weight off indication **C**.

Information

The weight indicator **C** shows the set operator weight [kg].



Fig. 126

Backrest adjustment

1. Sit down on the operator seat.
2. Pull lever **A** upward and at the same time, lean back to push the backrest into the required position.
3. **Lock the lever** A into place.

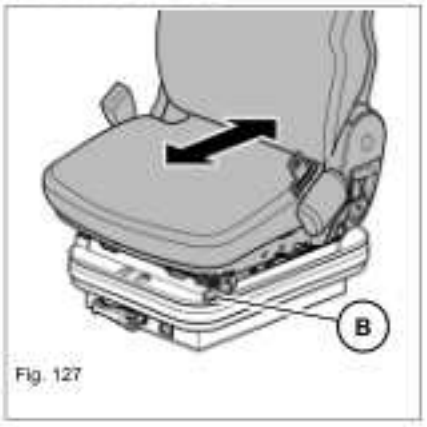


Fig. 127

Horizontal adjustment

1. Sit down on the operator seat.
2. Pull lever **B** upward and at the same time, move the operator seat forward or backward
3. Let the lever **B** engage as soon as the joystick can be easily reached.

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Telescopic boom operation

Warning and safety instructions for the operation of the loader unit

WARNING

Accident hazard due to uncontrolled movements of the control lever!

Uncontrolled movements of the control lever can cause serious injury or death.

- ► Avoid fast and sudden movements of the control lever.
- ► Always lower the loader unit to the ground during work interruptions or when finishing work.
- ► Secure the control lever before performing machine travel on public roads.
- ► Secure the control lever before leaving the machine.

WARNING

Danger of crushing from lateral tipping over of the vehicle!

A tipping vehicle can cause serious injury or death.

- ► Lower the loader unit to transport position during machine travel.
- ► Adapt the travel speed to the prevailing conditions.
- ► Adapt the driving speed to the material loaded.
- ► Pay attention to persons and obstacles.
- ► Observe the load-bearing capacity of the vehicle. Do not exceed approved payloads
- ► Reduce the travel speed before descending.
- ► Always fasten your seat belt.
- ► Do not protrude any body parts out of the vehicle.

CAUTION

Accident hazard! Ignoring the overload display leads to the vehicle tipping forward!

Risk of injury!

- ► In the event of an overload, reduce the load until the signal sounds goes away and the red and yellow luminous diodes in the overload display disappear.
- ► Observe the safe load indicator and take appropriate measures.
- ► Observe the load diagram.

NOTICE

While working with the loader unit, no attachments may be attached to the three-point mount.
There is a risk of the warranty being lost in the event of damage from non-observance.

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Lubricating with the central lubrication system (option)

Functional description of the central lubrication system

The central lubrication system allows you to lubricate all lubrication points of the telescopic loader in one single step.

Information

Maintenance intervals – *see "Maintenance plan" on page 7-4.*
Specifications and fill quantities
– *see chapter 7 " Fluids and lubricants" on page 7-13.*

- When the ignition is switched on, the LED **B** illuminates for 1.5 seconds and shows the functional readiness of the control (switch-on check). It stays lit during the entire lubrication procedure.
- The integrated electronic control unit has a data memory for saving the times that have been set or that have elapsed. The time is taken and saved if the starter is switched off during lubrication or during a break. The remaining lubrication time or break time is read from the memory upon switching the starter on again, and lubrication is resumed where it was interrupted.

Time control

- Break and lubrication times can be set with the time-dependent control of the central lubrication system. Break times are the periods between two lubrication times.

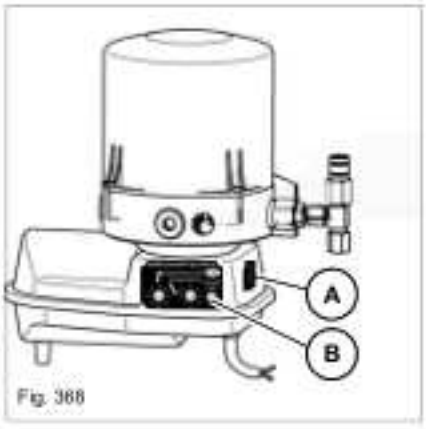


Fig. 368

Information

Pressing the push button **A** on the side of the pump starts intermediate lubrication at any time if the starter is switched on. This also serves as a functional check.
The pump then immediately starts with a lubrication cycle. The lubrication or break time that has elapsed so far or that has been saved is reset and starts over again.
A lubrication system malfunction can also be reset by pressing the intermediate lubrication switch, and the pump restarts lubrication.

Repair work

Repair work on the central lubrication system may only be performed by authorized service centers!

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Checking and adjusting the sliding plates

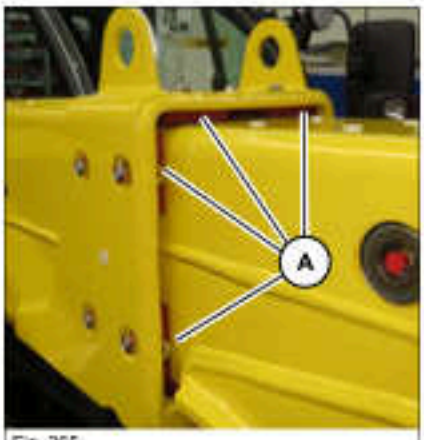


Fig. 365



Fig. 366



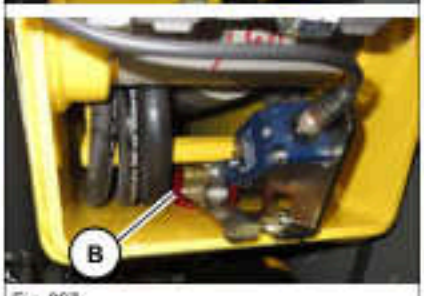


Fig. 367

The sliding plates are located between the inside and outside boom sections of the telescopic arm.

Information

Maintenance intervals – *see "Maintenance plan" on page 7-4.*

NOTICE

Check the wear limits of the sliding plates regularly!

Have the sliding plates readjusted with compensating panels if wear exceeds 1 mm (0.004 in).

Replace the wear pads if they are below the specified minimum thickness!

Have the sliding plates only readjusted or replaced by an authorized service center.

Caution! If the checking, adjusting and/or replacing of sliding plates is not performed, this may lead to severe damage (formation of furrows due to scoring) on the pad tracks, making a complete replacement of the telescopic boom necessary.

Pos.	Location	Slide plates in new condition	Slide plates minimum thickness
A	Front/rear top/side	13 mm (0.5 in)	**> 10.5 mm (0.55 in)**
B	Lower rear center	40 mm (1.57 in)	**> 35 mm (1.37 in)**

Information

Have the slide plates only readjusted or replaced by an authorized service center.

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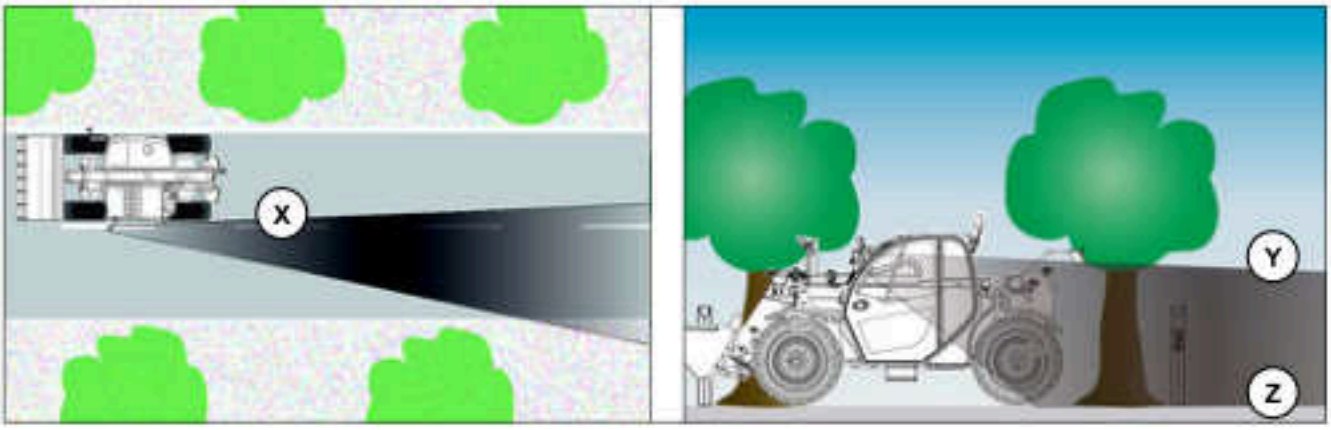
Mirror adjustment



Fig. 113

Adjusting the mirror on the left

1. Turn the mirror on the **left** upward with the long side.
   When making preliminary adjustments, ensure that the mirror bracket is turned far enough to the front (about 90°)
   to avoid touching the door window.



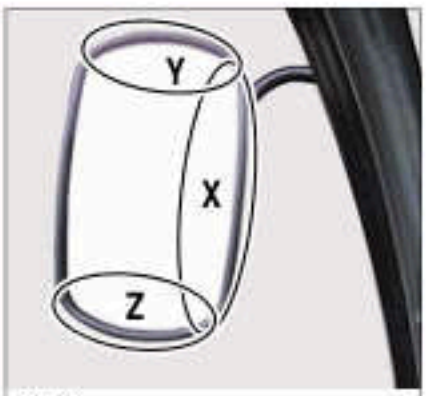


Fig. 115

2. Adjust the **left** rearview mirror:
   - The outer edge of the vehicle must be visible in the mirror area **X**.
   - The horizon must be visible in the mirror area **Y**.
   - The visible area of the road must reach as close as possible to the vehicle in the mirror area **Z**.

Information

When adjusting, make sure that the mirror holder is turned far enough forward (about 90°) in order to prevent a collision with the cabin door.

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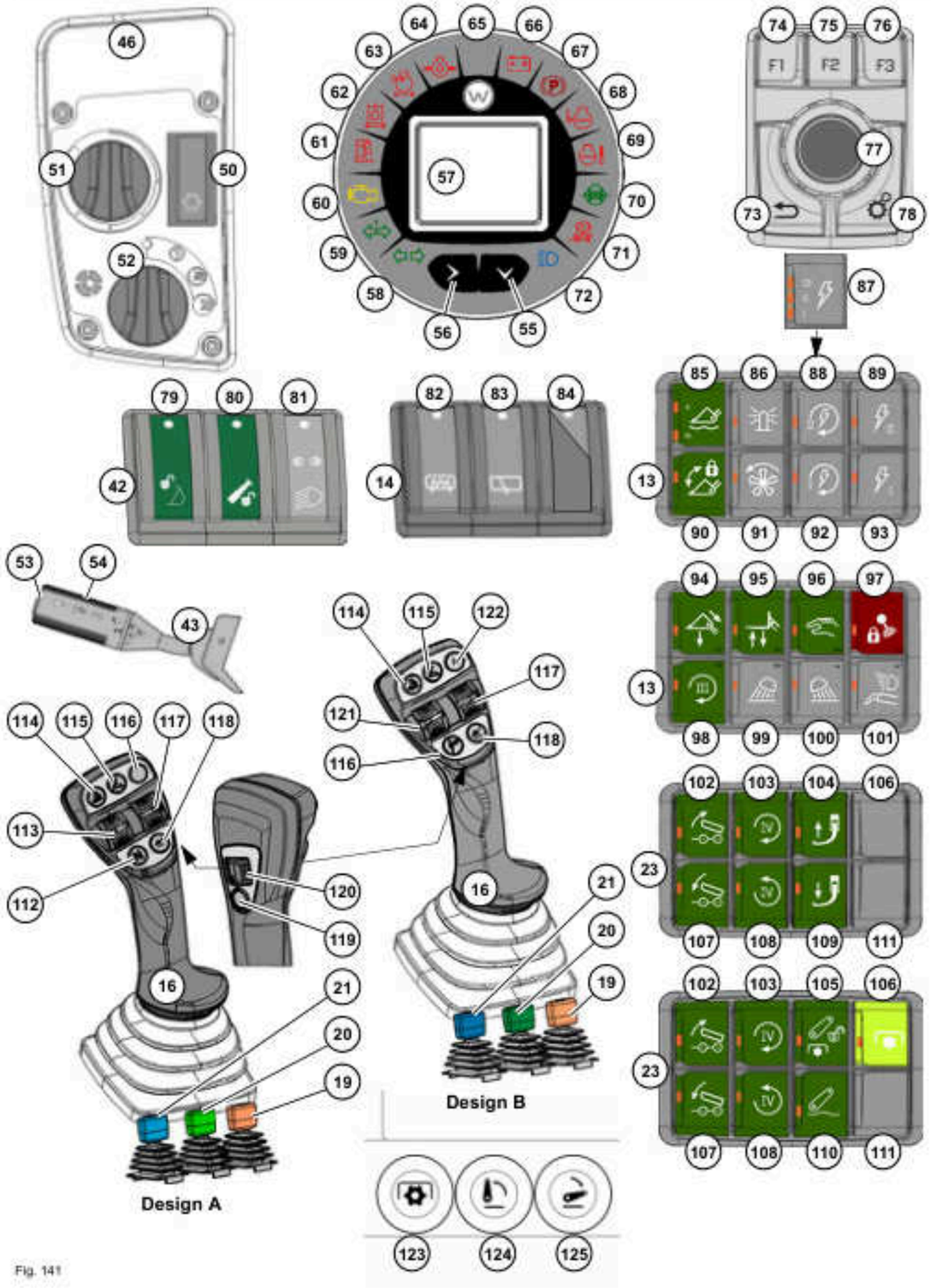


Fig. 141

Overview: indicating instruments, switch consoles, control levers

Switch console 46 (heater, ventilation on left of steering wheel)	page
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51 Rotary switch – heating temperature	5-34
52 Rotary switch – heater fan (heating, ventilation)	5-34
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65 Not assigned	
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83 Switch (grey) – rear wiper	5-32
84 Not assigned	

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