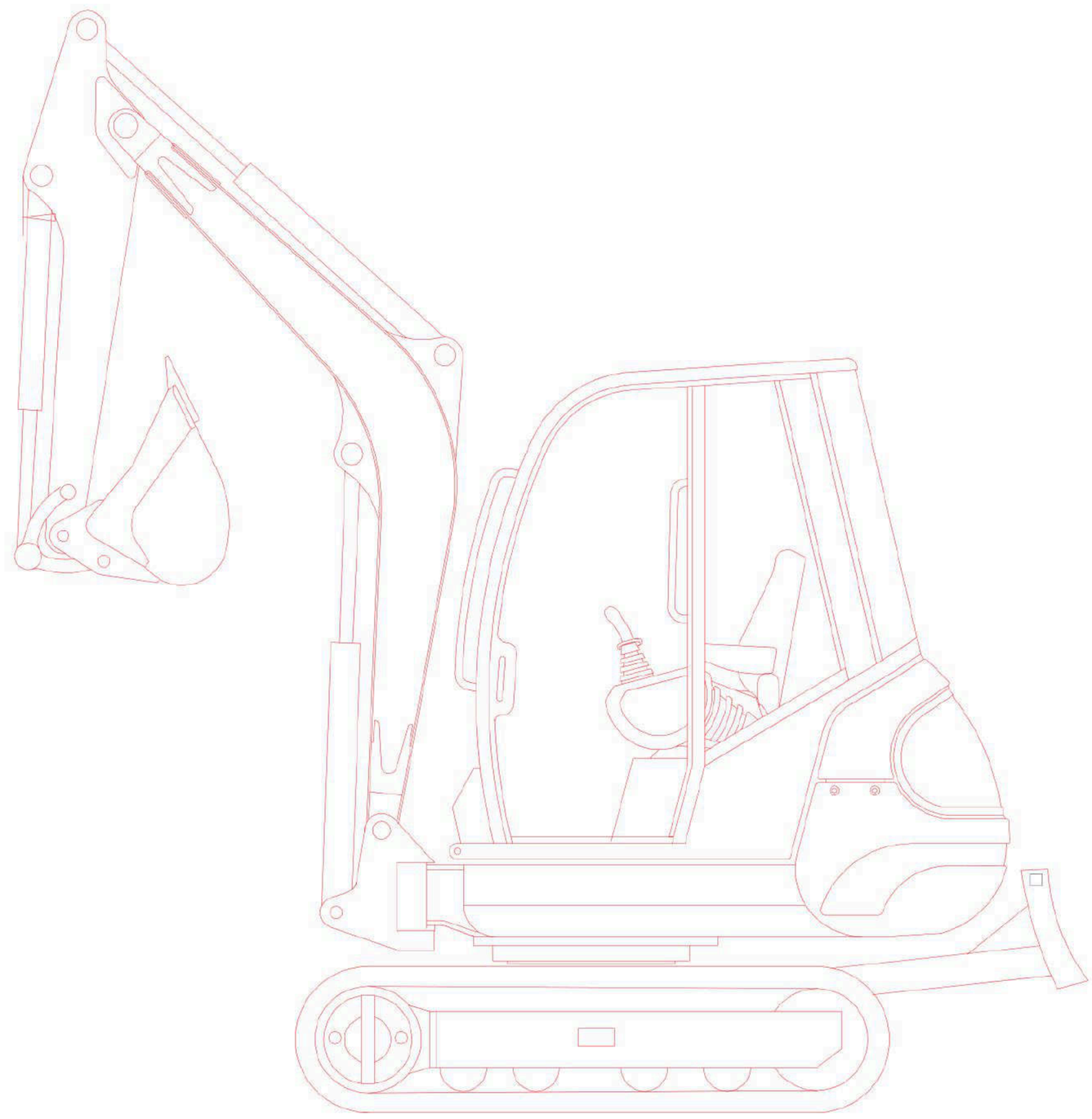
USER MANUAL

CRAWLER EXCAVATOR

NEUSON 2702 RD - 3602 RD FORCE



A neuson COMPANY

neuson®

Baumaschinen GmbH

Ausgabe: **April 2000**
9707631 **V1.0**

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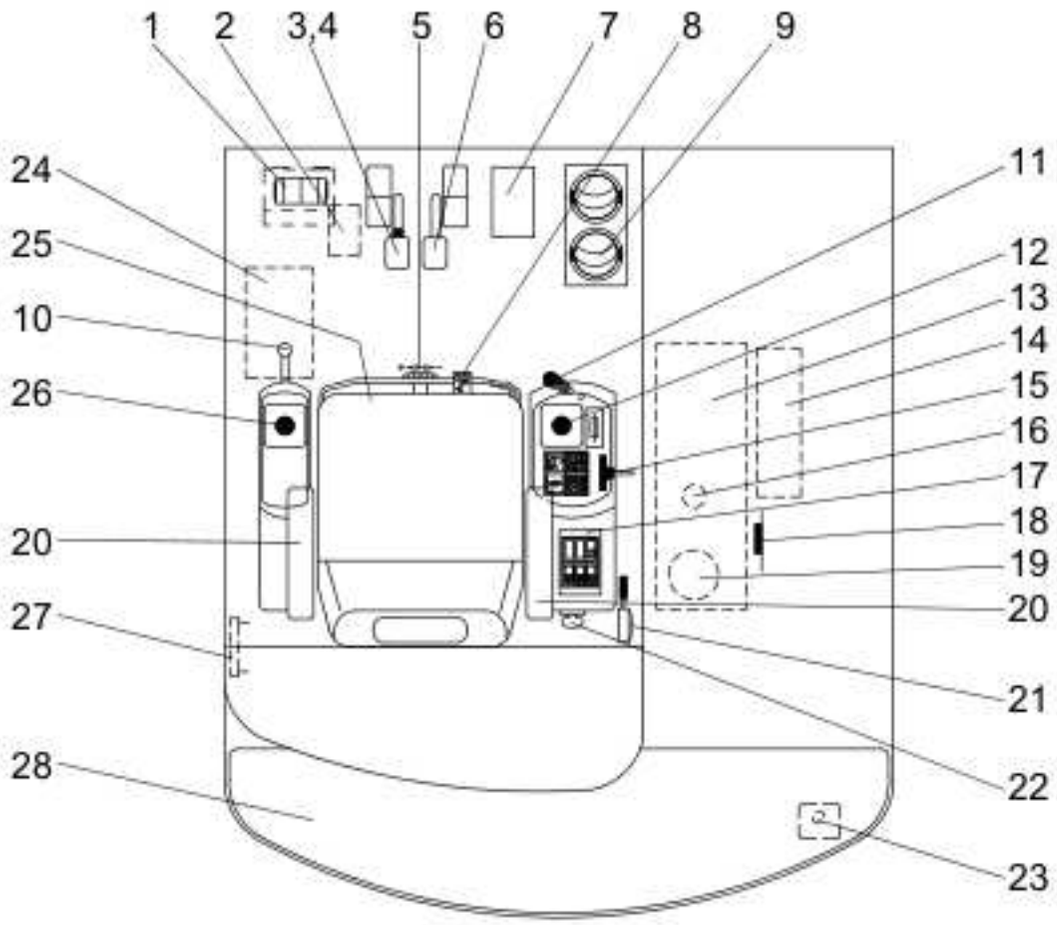
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4.1 Cab equipment and controls

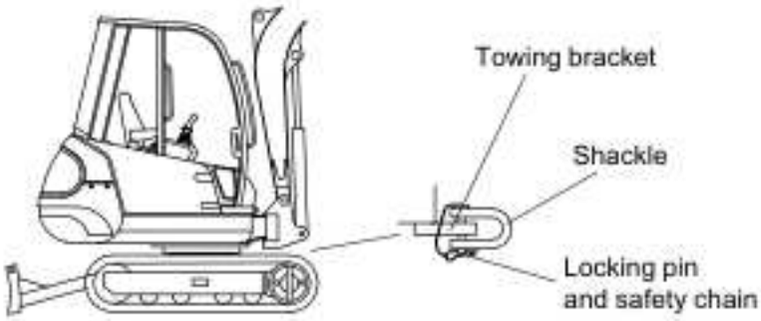
1 Hammer pedal with cover
2 Pilot control valve
3 Left drive lever with foot pedal
4 Switch for overdrive (fast gear)
5 Seat spring tension adjustment
6 Right drive lever with foot pedal
7 Footrest
8 Seat back adjustment
9 Heating vents
10 Lever to fold back right armrest
11 Lever to tilt superstructure (2902 RD, 3602 RD)
12 Right control lever--boom and bucket cylinder, horn
13 Oil tank
14 Main hydraulic valve
15 Dozer blade lever
16 Opening for filling hydraulic oil
17 Instrument panel
18 Hydraulic-oil level indicator
19 Return filter
20 Armrest
21 Accelerator
22 Ignition
23 Windshield washer fluid container
24 Battery
25 Seat adjustment
26 Right control lever--swiveling/swinging arm and bucket stick
27 Tank supports
28 Engine cover



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9 Towing equipment

To tow the excavator use the towing equipment provided.
Only use the towing bracket for towing.
Secure the shackle with the locking pin.



Max. towing capacity of towing bracket: 1.5 x the weight of the excavator

10 Lifting the Crawler Excavator

Raise arm and dozer blade.

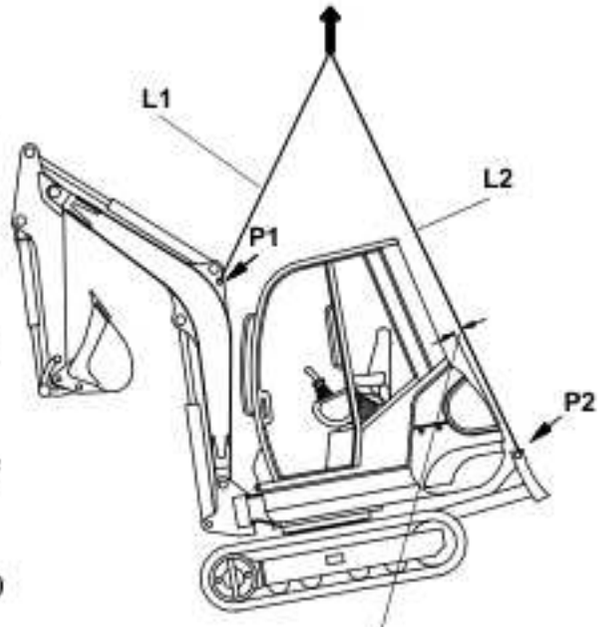
Fasten rope, chains etc. to the boom and to the dozer blade on the left and the right (3-point suspension).

The fastening points are indicated with stickers.

Ensure that the ropes/chains etc. cannot come undone.

Minimum force required per lift = weight of excavator

Lifting equipment 2702 RD and 2902 RD
L1 = about 2.24 m (88 in)
L2 (2X)= about 3.67 m (144.4 in)
Lifting equipment 3402 RD and 3602 RD
L1 = about 2.27 m (89.4 in)
L2 (2X)= about 4.00 m (157.5 in)



ACHTUNG
Auf ausreichenden Abstand zum Bagger achten, um Beschädigungen zu vermeiden.

P1 ... Fastening point boom
P2 ... Fastening points left and right side of dozer blade

ATTENTION:
To prevent damage, ensure there is enough distance between the ropes/chains and the excavator.

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22 Maintenance every 500 operating hours

NOTE: In addition to normal weekly maintenance and maintenance every 50 and 250 operating hours, the following maintenance should be carried out every 500 operating hours, see maintenance schedule 17.2.

22.1 Engine

See engine operating instructions for maintenance instructions.

22.1.1 Change air filter

Open cap, unscrew filter, replace filter. Clean dust trap.

22.1.2 Check valves

See engine operating instructions for the correct valve settings.

22.1.3 Check coolant system and hoses

22.1.4 Check electrical connections

22.1.5 Check glow plug

22.1.6 Check thermostat

22.2 Hydraulics

ATTENTION: Always release residual pressure before working on the hydraulic system!

22.2.1 Check primary valves

Adjust settings if necessary.

22.2.2 Change hydraulic oil and filter (return filter)

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1.3 Identification Plate

This identification plate is attached to the front of the chassis.



1.4 Instructions for ordering spare parts

Use only original NEUSON spare parts!
The complete part number, designation, and number of parts required must be indicated on each order.
Indicate the type of machine and works number (see identification plate) on each order.

NOTE: The ordering party is responsible for delivery errors resulting from incomplete information.
Prepare telephone orders carefully.
The order should include complete, correct, and clearly legible information on the address, postal code, shipping method, and final destination to prevent unnecessary inquiries and delivery errors.

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