snorkel

# SR9244
# SR1054




# OPERATOR'S and MAINTENANCE MANUAL

Deutz Stage 4
Serial number FR04005713 to FR04006936

Part Number 159-0051-000
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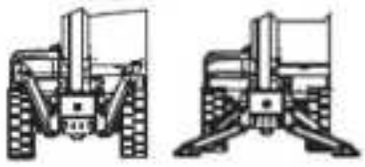
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For each weight category identified, the height and the angle to which it can be lifted can be identified in the diagram or conversely, given a height and an angle, the maximum weight that can be handled can be determined. Each machine has the specific load chart either on the window to the right of the driver's seat or in the Quick Guide. Depending on the symbol, the load chart can refer to the machine on wheels or on outriggers and with the rear axle locked or unlocked



| | | | |
|---|---|---|---|
|  | Rear axle oscillation unlocked |  | Rear axle oscillation locked |

## 2.14.1 STABILITY CONDITIONS

The EN 1459/ISO 22915 specifies the regulations for basic tests to check the stability of industrial trucks with a telescopic boom. It applies to trucks fitted with fork booms and/or accessories. The stability tests listed in the standard ensure that the type of truck specified has a satisfactory stability when used in a suitable and reasonable manner under typical operating conditions. Here below is an extract of the standard.

**ISO 22915 - 11 - INDUSTRIAL TRUCKS WITH TELESCOPIC BOOM**

This appendix specifies the basic tests to check the stability of industrial trucks with a telescopic boom. It applies to trucks fitted with fork booms and/or accessories.

**Conditions of validity:**

The stability tests reported in this appendix ensure that the type of truck specified has a satisfactory stability when used in a suitable and reasonable manner under typical operating conditions listed here below:

a) Operation (driving and stacking) on basically smooth, flat and prepared surfaces;
b) Operation with forks tilted backwards and the load in the lowered retracted (operating) position, even uphill and downhill on modest slopes;
c) Stacking with the fork booms substantially horizontal;
d) Operation with the load's centre of gravity approximately on the longitudinal central surface of the truck.

**ISO 22915- 14 -INDUSTRIAL TRUCKS WITH OFF-ROAD TELESCOPIC BOOM**

This appendix specifies the basic tests to check the stability of off-road trucks with a telescopic boom. It applies to trucks fitted with fork booms and/or accessories.

**Conditions of validity**

The stability tests reported in this appendix ensure that the type of truck specified has a satisfactory stability when used in a suitable and reasonable manner under typical operating conditions listed here below:

a) Operation (driving and stacking) on non-prepared ground;
b) Operation with forks tilted backwards and the load in the lowered retracted (operating) position, even uphill and downhill on modest slopes;
c) Stacking with the fork booms substantially horizontal;
d) Operation with the load's centre of gravity approximately on the longitudinal central surface of the truck.



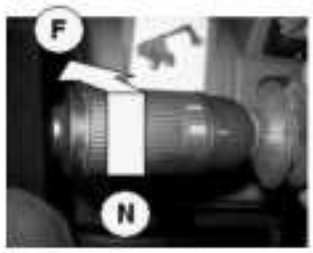
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# 3.1 DESCRIPTION OF THE CONTROLS

## 3.1.1 CONTROL LEVERS ON THE STEERING COLUMN

### *3.1.1.1 LEFT LEVER OF THE STEERING WHEEL (STALK)*

Lever operation is only enabled if you have selected from the display to use the FNR function from the lever and not from the joystick.
To enable the forward drive of the machine (F), pull the lever towards the steering wheel and move it forward. The letter "F" will appear on the display on the front right dashboard.




To enable the reverse drive of the machine (R), pull the lever towards the steering wheel and move it back. The letter "R" will appear on the display on the front right dashboard.
Enable the neutral gear (N) by moving the lever to the central position.
The lever controls do not operate when:

- the parking brake is engaged
- the operator is not sitting in the driver's seat.
- The outriggers are complete extended (if not completely lifted, a message appears on the display).




For the function of the button located at the top of the lever, see the "Levelling the Machine" paragraph*.

In the guide below the left lever of the steering wheel is referred to as the "stalk".



*The lever can be used solely if the steering mode is with the front wheels only It is dangerous to change the driving direction when the machine is moving at high speed; the machine suddenly inverts the driving direction; before changing direction, allow the machine to reduce speed to a minimum. When reverse drive is selected an acoustic signal will sound to indicate the risk of danger to any people in the maneuvering area. Attention! If the operator leaves the driver's seat, the neutral gear "N" is automatically engaged after 3 seconds. Operation of the lever is disabled if the "concentric" and/or "crab" steering mode is selected.*

### *3.1.1.2 LEVER ON THE RIGHT OF THE STEERING WHEEL*

***Lights control***

Rotate the lever by holding it from the knurled part until the desired symbol of the rotating part is aligned with the horizontal line of the fixed part. 3 positions are possible:

- Position 0 = lights off
- Position 1 = parking lights on
- Position 2 = low beam lights on





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| | | FREQUENCY | | FREQUENCY OF SCHEDULED MAINTENANCE | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| GROUP | TYPE OF VERIFICATION | DAILY | WEEKLY | FIRST INTERVENTION (250 HOURS) | EVERY 500 HOURS | EVERY 1000 HOURS | EVERY 1500 HOURS | EVERY 2000 HOURS | EVERY 3000 HOURS |
| GREASING SYSTEM | Lubricate joints | | X | | | | | | |
| | Lubricate the boom chains [3] | | X | | | | | | |
| | Boom surfaces in contact with the sliders | | X | | | | | | |
| | Lubricate the cross joints of the transmission shaft | | X | | | | | | |
| AIR CONDITIONING | Recharging the air conditioning* | | | | | | | | X |
| | Replace the cabin air filter | | | | X | | | | |
| | Replacing the air conditioning belt* | | | | | | | | X |
| | Replacing the evaporator/condenser filter* | | | | | | | | X |
| AdBlue® (DEF) | Filtering cartridge for AdBlue® (DEF) supply pump | | | | x | | | | |

[1] to be performed annually, even if the expected operating hours are not reached

[2] or in any case every 2 years

[3] if applicable

[4] refer to the specific paragraph

* to be performed by qualified personnel only



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### 3.2.1.15 VEHICLE ERRORS PAGE

The "vehicle errors" page shows the complete list of possible errors on the vehicle.




List of icons/data:

1. Number of times the error occurred
2. Red LED if there is an active error, green LED is there is no active error
3. Description of the error

Press the UP/DOWN buttons to go to the previous/next vehicle errors page.
Press the OK button to go back to the "main" page.
Press the MENU button to go back to the "menu" page.



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- Slowly lift the boom and attach the accessory.



- Tilt the accessory carrier backwards so that the load-bearing structure of the accessory rests against the accessory carrier.

- Open the manual release through the lever on the adapter (1). Put in the block pins (2), then close the manual release (1).








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