MidWestTech | Linde E 12-02, E 15-02, E 16-02 Electric Pallet Truck Operator's Manual...



Operating Instructions

Linde Fork Lift Truck

E 12 - 02 / E 15 - 02 / E 16 - 02

With Electric Motors

324 804 3001 GB

0702

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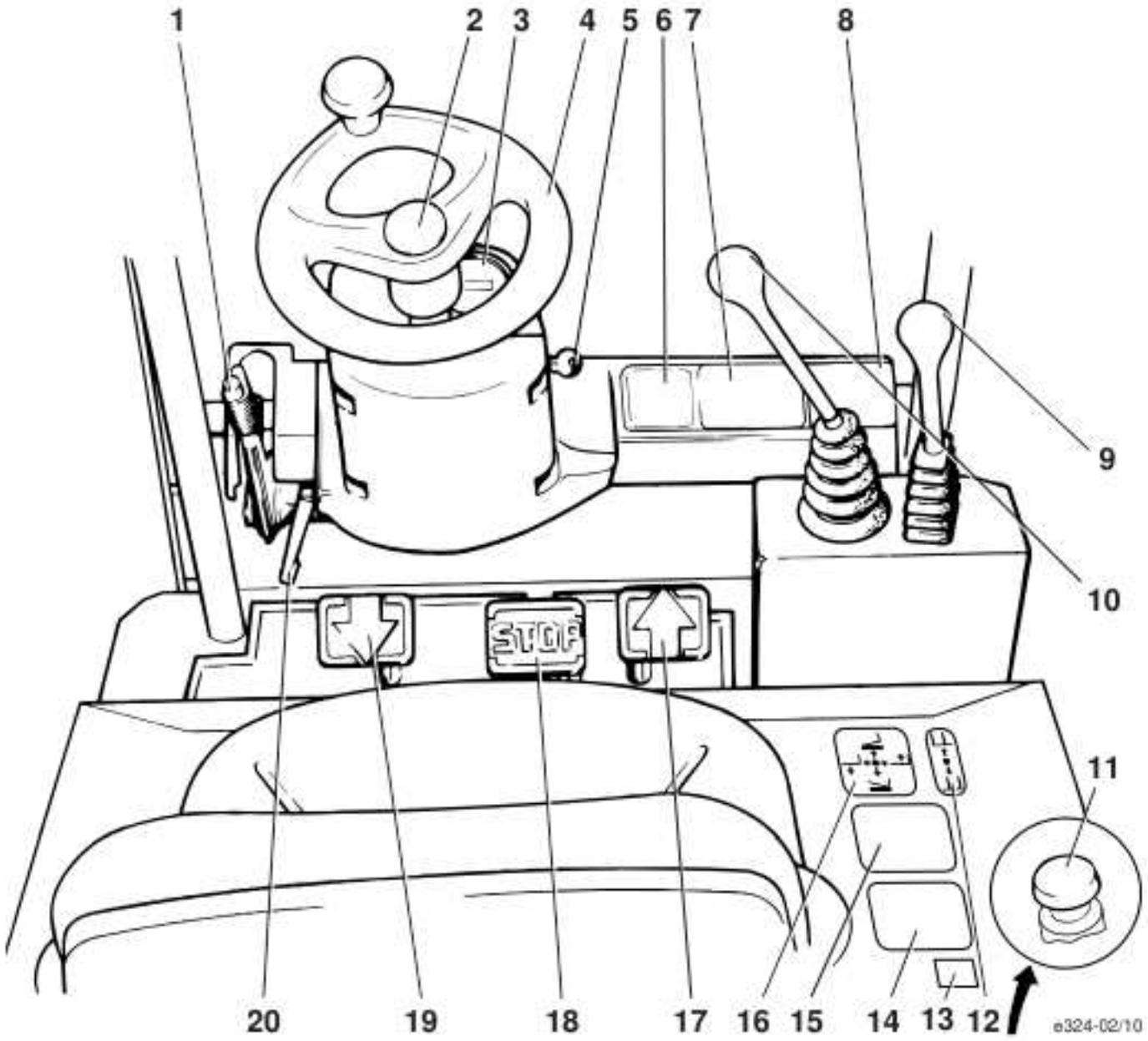
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2 Signal horn
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15 Notice plate
16 Symbol label for working hydraulics
17 Forward accelerator pedal
18 Brake pedal
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20 Locking lever for adjustable steering column



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* Option
** Only with LBC disabled

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Check the load capacity diagram (1) before picking up a load.

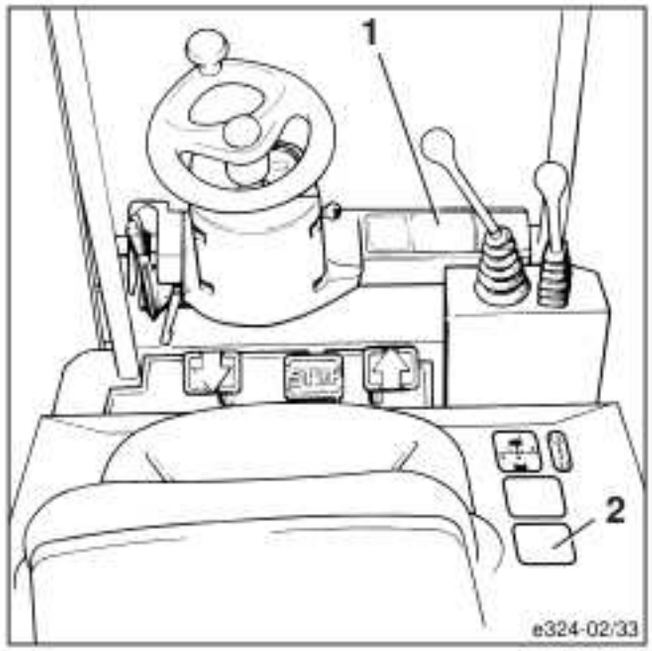
If attachments are fitted, first check the respective load capacity plate (2).

WARNING
The weights given in the load capacity diagram and plate are only applicable to compact and homogeneous loads. Never exceed the load capacity of the lift truck. Overloading will reduce truck stability and the strength of forks and mast.

The maximum load capacity is governed by the height of lift and the load centre distance.

NOTE
- **Before transporting off-centre or swinging loads,**
- **before transporting loads with the mast tilted forward or the load not near the ground,**
- **loads with a large load centre distance,**
- **before operating attachments and additional devices,**
- **with wind force 6**

check the load limits and contact your authorised distributor.



Example: E 16

Load centre distance: ..... 600 mm

Height of lift: ..... 4750 mm

- Follow the vertical line for a load centre distance of 600 mm to the point where it intersects the line for a lift height of 4750 mm.
- Follow the horizontal line at the point of intersection to the left to read the maximum load capacity.
- In this case the maximum load is 1400 kg.

Proceed in the same manner for other heights and load centre distances. The values in the diagram apply to both forks and even distribution of loads.

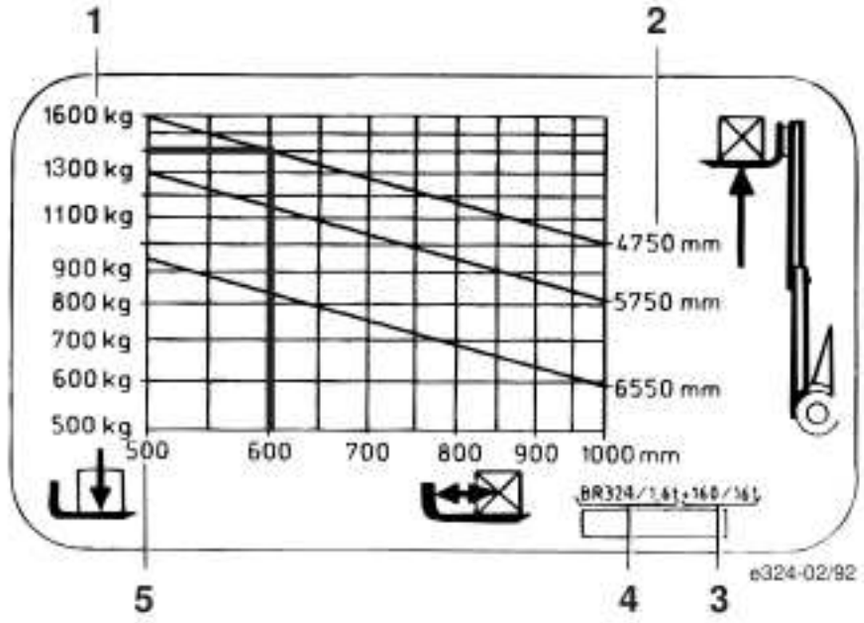
1 Maximum load capacity in kg

2 Height of lift

3 Mast type

4 Fork truck model with maximum load capacity

5 Load centre distance from fork-face in mm



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Lubricate the mast and tilt cylinder bearings

☞ **NOTE**
Use lubricating grease for greasing.

- Fully lower the fork carriage.
- Lubricate the grease nipples (2) on the left and right mast bearings.
- Lubricate with a grease gun until fresh grease emerges at the bearings.
- Using lubricating grease, lubricate the grease nipples (1) on the tilt cylinder bearings.
- Using lubricating grease, lubricate the grease nipples (3) on the left and right tilt cylinder bearings at the chassis from the inside.
- Lubricate with a grease gun until fresh grease emerges at the bearings.

Sideshift*:
Clean, grease and check the mounting

- Clean the sideshift with a steam jet.
- Inspect the hydraulic pipes and hoses for chafe marks, and replace any pipes and hoses, if required.
- Check the hydraulic fittings and mounting elements for security and wear, and tighten or replace them, if required.

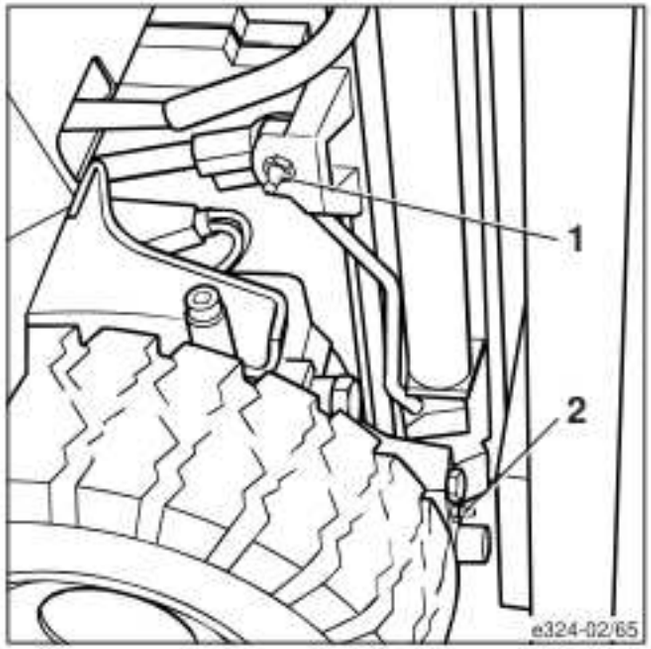
☞ **NOTE**
Use lubricating grease for greasing.

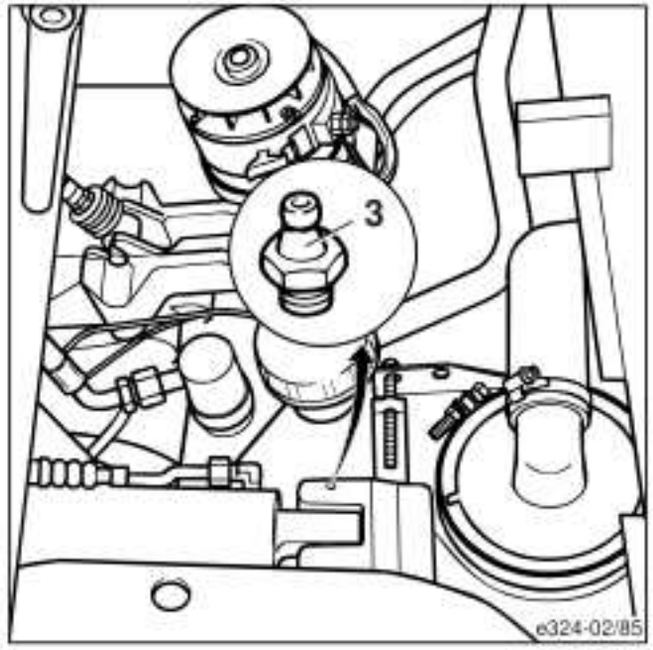
- Lubricate at the roller grease nipples (1) on the carriage and grease nipples (2) at the fork carriage with lubricating grease, until new grease appears at the side.

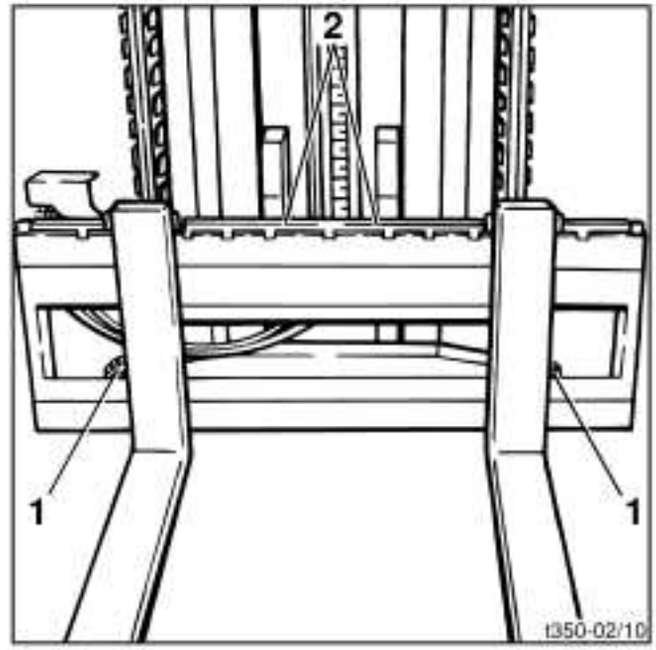
☞ **NOTE**
The sideshift must be greased each time the truck is cleaned.

* Option

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OPERATOR WARNING AND SAFETY DECALS *(continued)*

Operator Warnings Decal

Read and understand the following before operating the truck:



⚠ WARNING

SIT-DOWN RIDER TRUCK OPERATOR WARNINGS

1. CHECK YOUR TRUCK - The truck should be checked daily before being placed in service. If found to be in need of repair, defective, or in any way unsafe it should be reported immediately to the proper authority and removed from service until restored to a safe operating condition.

2. KNOW YOUR TRUCK - Do not operate this truck unless you have been trained and authorized to do so. Read all warnings and instructions in the Operator's manual on this truck; or obtain them from plant Safety Director or the local Linde representative.

3. KEEP INSIDE - Operate truck only from designated operating position. Operate the truck only when you are in the normal operating position and seated in the Operator's seat. Never place any part of your body into the mast structure, between the mast and the truck, or outside the truck. Do not carry passengers.

4. PROTECT YOURSELF - Do not operate truck without overhead guard.

5. SEAT BELT - MAKE SURE YOUR SEAT BELT IS FASTENED BEFORE OPERATING THE TRUCK.

6. LATERAL TIPOVER - Can occur loaded or unloaded by a combination of speed and sharpness of turn. SLOW DOWN BEFORE TURNING. With the mast raised, lateral tipover also can occur by turning and/or braking when moving rearward, turning and/or accelerating forward or turning on an incline or ramp. TRAVEL WITH THE MAST LOWERED. The potential for lateral tipover will be further increased by overloading, excessive rearward tilt or off-center positioning of the load. Don't risk injury or death. Drive smart.

7. LONGITUDINAL TIPOVER - Can occur by driving with the load down slope on an incline or ramp, overloading, excessive forward tilt or aggressive braking when moving forward or accelerating rearward with the mast elevated. TRAVEL WITH THE MAST LOWERED. Don't risk injury or death. Drive smart.

8. LATERAL OR LONGITUDINAL TIPOVER - Can occur if the truck is driven over objects on the floor or ground, off the edge of improved surfaces, or into potholes, or by impacting overhead obstacles or collision with other objects. Don't risk injury or death. Drive smart.

9. DON'T JUMP OFF - If your truck begins to tip over, DON'T JUMP. Hold the steering wheel tightly, brace feet, and lean away from tip. Stay in the seat to avoid being trapped between the truck and the ground.

10. HIGH LOADS - Do not handle loads which are higher than the load backrest or load backrest extension unless load is secured so that no part of it could fall backward.

11. STABILIZE YOUR LOAD - Do not handle unstable or loosely stacked loads. Use special care when handling long, high, or wide loads to avoid losing the load, striking bystanders, or tipping truck.

12. CENTER YOUR LOAD - When using forks, space forks as far apart as load will permit. Before lifting, be sure load is centered and forks are completely under load.

13. NEVER OVERLOAD - Do not overload truck. Check capacity plate for load weight and load center information.

14. AVOID SUDDEN MOVEMENTS - Start, stop, travel, steer, and brake smoothly. Sudden movements can endanger yourself and others.

15. LOOK OVERHEAD - Elevate forks or other lifting mechanism only to pick up or stack a load. Lift and lower with mast vertical or slightly back. - NEVER FORWARD. Watch out for obstructions, especially overhead.

16. MINIMUM TILT - Operate tilting mechanism slowly and smoothly. Do not tilt forward when elevated except to pick up or deposit a load. When stacking use only enough backward tilt to stabilize load.

17. EYES AHEAD - Travel with load or lifting mechanism as low as possible and tilted back. Always look in direction of travel. Keep a clear view, and when load interferes with visibility, travel with lifting mechanism trailing (except when climbing ramps).

18. CARE ON RAMPS - Use special care when operating on ramps - travel slowly, and do not angle or turn. When truck is loaded, travel with load uphill. When truck is empty, travel with lifting mechanism downhill.

19. SLOW DOWN - Observe applicable traffic regulations. Yield right-of-way to pedestrians. Slow down & sound horn at cross aisles and wherever vision is obstructed.

20. WATCH PEOPLE - Do not allow anyone to stand or pass under lifting mechanism, directly behind truck or within rear swing area when turning.

21. WORK PLATFORMS - DO NOT LIFT OR CARRY PERSONNEL USING THE FORKS OF THE TRUCK, not even with a work platform. The truck is designed for transporting, warehousing and stacking of material, not personnel.

22. SHUT DOWN COMPLETELY - Before getting off truck, neutralize travel control, fully lower lifting mechanism and set the parking brake. Also shut off power when leaving truck unattended. Block wheels if truck is parked on an incline.

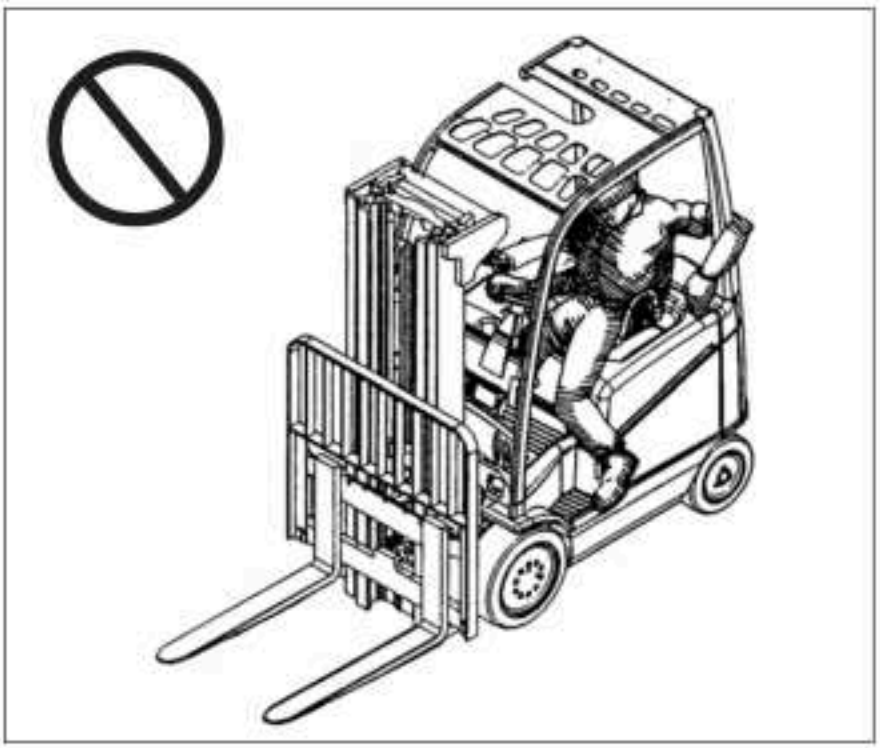
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Failure to comply with these warnings will create an unreasonable risk of injury to yourself and others.

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OPERATING POSITION

Face the truck when mounting and dismounting. Maintain a three-point contact, one foot and two hands with the truck when mounting or dismounting. Never exit a moving truck. Never jump on or off the truck.



WARNING:

Operate the truck only when you are in the normal operating position. Keep hands and feet inside the Operator's Compartment.



WARNING:

Keep hands, feet and legs out of the upright

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