rotonlifts
maatwerk in lifttechniek

Roton Lifts Europe B.V.
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Building and preparation work

Adjustments or preparations below needs to be done by third parties
Please consider if below is necessary for your lift. If you have any questions do not hesitate to contact us

General Requirements

1. Roton Lifts Europe will provide a site plan for the constructional preparations. (drawing approved by both parties is binding)
2. Specified measurements are net measurements and must be adhered to accurately.
3. CAR insurance at work.
4. Access route for the elevator must be clear.
5. Assembly can only take place if all constructional conditions have been met.
6. Construction work or auxiliary materials. Think of chopping and breaking work, insulation, carpentry, masonry, sealing and painting work as well as scaffolding material.
7. Hoisting and lifting equipment (car crane / forklift) for mounting parts including the necessary assistance and personnel for this at the expense of the client unless otherwise agreed.

Pre-construction control will show what is needed to get the material to the workplace.

8. The provision of a dry and illuminated storage space that can be closed off on the ground floor, which is no further than 50 meters from the mounting location.
9. Test weights for test load.

LIFT SHAFT, LIFT PIT AND MACHINE ROOM

10. Any deposits and/or facilities of a safety technical nature with regard to the shaft danger of entry and fall.
11. The installation site must be clean, dry, dust-free, wind and watertight and well-lit at all stops. Sufficient work surface (approx. 10m2) must be available for the entire duration of the work performed.
12. If a pit is required, it must be dry, dust-free and clean at the start of assembly. There must also be a paved, leveled and butterfly-flat finished floor.
13. If the lift is installed in a construction shaft, the shaft walls must be hard, smooth and perpendicular to each other with a maximum deviation of 10-20 mm from the perpendicularity in the lift shaft. The wall to which the lift is mounted must be strong enough to absorb the horizontal forces caused by the lift installation. These forces are lift dependent.
14. There should be a lifting beam at the top of the lift shaft. Suitable for a lifting load of 1500 kg.
15. Building the elevator shaft and machine room (cabinet), as well as finishing them. Creating a ventilation opening, which is directly connected to the outside air, with a passage opening of at least 1% of the horizontal shaft surface in the shaft ceiling
16. The complete installation including the hydraulic unit must be well lit
17. The lift shaft may not be used for any purpose other than the lift.

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LIFT DOORS

18. Installing the steel frame specified by Roton Lifts Europe for door openings in the walls.
19. Indicating the level measurement for each floor in the lift shaft for the threshold height of the shaft doors. (if the finishing floor has not yet been poured)
20. Providing sufficient support for the thresholds of the shaft doors and the structural updating thereof.
21. Wall head wrap.

ELECTRICAL INSTALLATION

22. Supplying and installing a 5 core power and/or a 3 core light supply cable of sufficient fused capacity and length to the shaft top and, if applicable, the engine room (cabinet). The voltage source must be fitted with a lockable maintenance switch at the location indicated by us on the drawing. The power supply (voltage source) must be permanent upon delivery. In case of construction current, the plug may not be inserted/unplugged by third parties.
23. Due to our mounting system, at the start of the mounting work
400 volt and/or 230 volt power source near the shaft or elevator pit and be suitable for use with power tools. The power supply (voltage source) must be permanent upon delivery. In case of construction current, the plug may not be inserted/unplugged by third parties.
24. Saving and installing transits and PVC jacket pipes for cabling, pipes and/or push-button boxes and sealing or finishing them.