

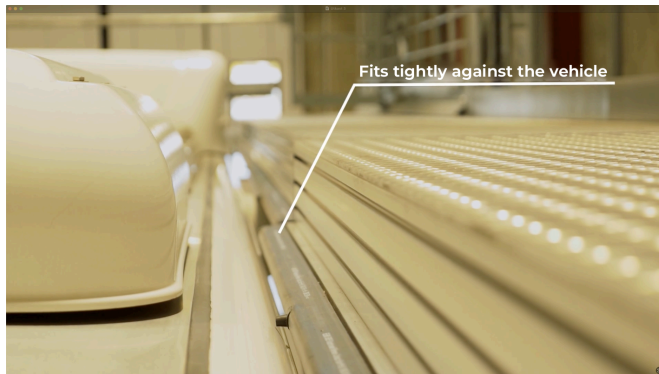


Movable and height-adjustable roof work platforms for buses

Safe servicing of buses with roof equipment

Customised roof work platforms for bus depots

Dendro Lift develops roof work platforms for the service, maintenance and repair of buses. The platforms provide safe access to the roof, sides and front or rear of the bus. The width, length and design of the platform are adapted to the buses, the work tasks and the depot premises.



Modular and adaptable design

The platform consists of fixed and telescopic platform segments. The segments can be opened for drive-in and brought together around the bus once it is in the work position.

Each segment can be operated individually or together via a central control cabinet. The platforms can be installed in both new and existing bus depots.



Applications

Bus workshops · Service, maintenance and repair of city buses.

All types of buses · Suitable for electric, hybrid and gas buses.

Roof equipment · For servicing roof-mounted equipment.

Access all around the bus · Safe access to the roof, sides, front and rear of the bus.



Function and operation

The bus is driven into the work position with the platform in the open position. The segments are then brought together around the bus. Telescopic segments adapt to the width and contour of the bus.

When a segment comes into contact with the bus, an integrated safety edge detects the contact. The movement stops and the segment automatically reverses to reduce the risk of crushing injuries and damage to the bus.

Modular construction

The platform consists of modules that are combined according to the depot layout, the design of the buses and the desired workflow. Examples of modules and equipment:

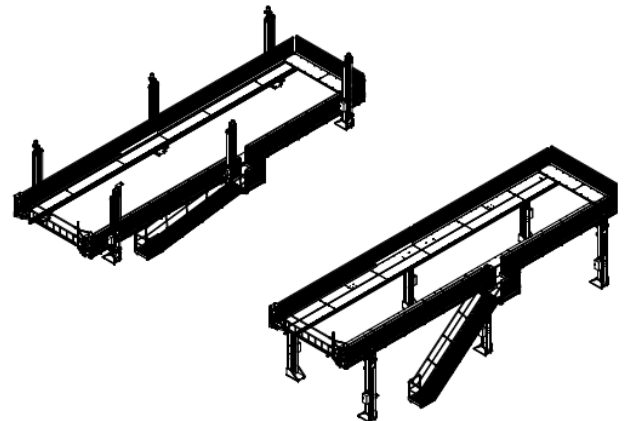
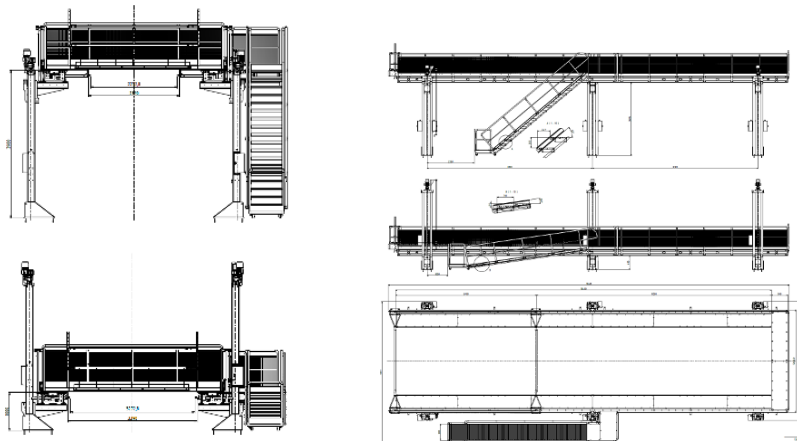
- Lifting columns and lifting yokes
- Fixed and telescopic platform segments
- Guard rails, safety gates and height-adapted stairs
- Walkways for work at the front or rear of the bus
- Central control cabinet with touchscreen operator panel
- Lighting under the platform
- Traffic lights, warning lights and tool stations
- Power outlets and compressed air connections

The modules are adapted to the space in the depot and the dimensions of the buses.

Manufactured to applicable regulations

The platforms are CE marked and designed to applicable requirements for machinery safety and electrical equipment.

Example drawings



SERVICE AND MAINTENANCE

A qualified service organisation and available spare parts provide support for long-term operation.

MADE IN SWEDEN

Dendro Lift AB has built mobile column lifts since the 1960s.

TECHNICAL DATA

Dimensions	Adapted to the depot and work area.
Working height	Adapted to the vehicle and work task.
Lifting columns	Number set during project design.
Platform segments	Number adapted to the required work area.
Telescopic function	Adapted to the width and contours of the bus.
Lifting system	Electrically driven, synchronised.
Control system	Central control cabinet with operator panel and touchscreen.
Working surface	Anti-slip surface with guard rails and gates.
Safety	Emergency stop and monitored safety functions.
Finish	Painted or galvanised components with optional lighting, power and compressed air.

Project design and delivery

Before manufacturing, the final design of the platform is reviewed and approved together with the customer.

Project design covers, among other things, the dimensions and design of the buses, the available space in the depot, drive-in and drive-out, the placement of stairs and control cabinets, as well as connections and safety equipment.

Delivery includes design, manufacturing, transport, installation, commissioning, training and documentation. After installation, a function check and testing are carried out together with the customer. Operating and maintenance instructions are supplied in printed and electronic format.