

# 6. Lifting platforms

The Loading Systems PowerLift lifting platforms bridge large differences in height between street level and the vehicle bed or between the platform and vehicle bed.



The PowerLift is a hydraulic scissor lifting platform, based on a modular concept. The modular concept facilitates a wide range of heights and loading capacities. Because our products are made bespoke we can manufacture a products to suite your requirements. Durability, quality, safety, functionality and user-friendliness are the Loading Systems scissor lifting platform main characteristic features.

# Easy bridging of large differences in height

## Durability and maintenance

- High-quality steel ensures ultimate platform stability and robustness.
- The lower frame is vibration free and protected against external damage.
- The hydraulic power-pack is fully enclosed, offering protection even in the harshest of surrounding environments.
- The platform includes an inspection hatch for quick and easy maintenance.
- Maintenance-free roller bearings guarantee a longer life.

## Quality and safety

- PowerLift lifting platforms comply with all EN 1570 safety requirements and CE-marking requirements.
- CNC processes ensure optimum precision and finish of manufactured components.
- PowerLift lifting platforms include a safety edge to all sides.
- The hydraulic system includes overpressure protection and a check valve, to guarantee that the hydraulic system will not be damaged due to overpressure.
- High-quality hydraulic cylinders include hose rupture protection. In the event of a hose rupture the lifting table locks in position.
- Support legs at all four corners provide the highest degree of stability when the platform is in the lowest position.

## Functionality and user-friendliness

- Easy operation by means of a manually operated control station.
- The lifting height can easily be adjusted by a continuously regulated end stroke switch.

## Customer specific solutions

- Bespoke options are available to meet most customer specifications and to increase the ease of use, safety, and facilitate integration with other products or systems related to the loading and unloading bay area. Naturally, these options also include solutions to adjust the system to the architectural aspects of the building.



### 6.1 Electro hydraulic lifting platform for loading and unloading goods



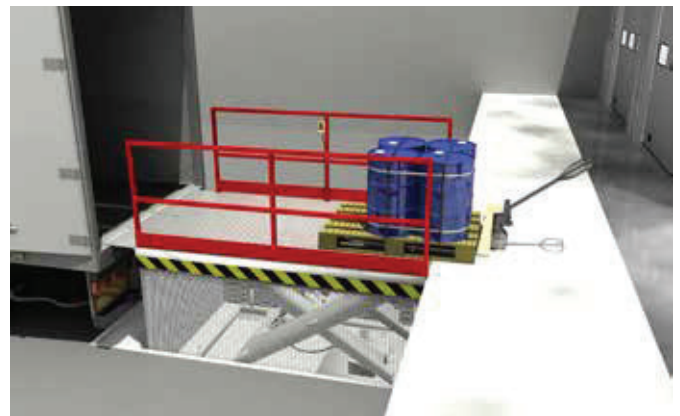
- Well-suited for bridging large differences in height
- Simple operation by means of a manual control stations provided with an optional key switch to prevent unintended use.
- Designed and manufactured to function optimally even in the most extreme environmental circumstances.
- The platform is provided with an anti-slip surface to provide optimum stability and robustness and is designed and manufactured to withstand high wheel point loads. This makes the lifting table well-suited to use with loaded pallet trucks or fork-lift trucks.

### 6.2 Electro hydraulic lifting platform with segmented horizontal exit ramp



- A segmented exit ramp can also be supplied in order to allow adjustment to different vehicle widths.
- The segmented exit ramp is designed and manufactured to withstand high wheel point loads, making the platform well suited to fork-lift truck or pallet truck traffic.
- The exit ramps can be fixed to either the short or long sides of the platform without jeopardising the stability of the lifting platform.
- The platform and exit ramp include an anti-slip tear plate to significantly reduce the risk of sliding.

### 6.3 Electro hydraulic lifting platform with barriers



- Operator safety is further enhanced by incorporating safety barriers into the platform.
- Operating stations can be installed on the platform to increase ease of operation whilst working on the platform.
- Built from high quality materials guarantees a longer life span and minimum maintenance.



## 6.4 Lifting platforms for double-decked trailers

Loading Systems delivers double-decked lifting platforms for vehicles with a double-deck bed.



**The standard programme can be extended with a variety of options and accessories**

## 6.5 Options and accessories

The extensive Loading Systems PowerLift standard programme can be extended based on bespoke customer specific requirements with a variety of options and accessories.

### Some options and accessories are:

1. Horizontal exit ramp supplied as either hydraulic or mechanical operation.
2. Hot-galvanised steel wire skirts to underside.
3. Anti Roll-off safety stop on the platform.
4. Platform lock in concrete.
5. Increased dimension of the platform upon request.
6. Removable barriers (insert).
7. RAL colour-selection.
8. Partial or fully hot-galvanised model.

