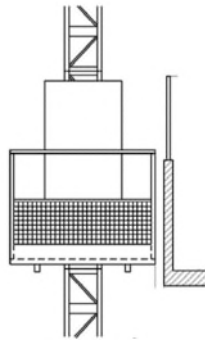


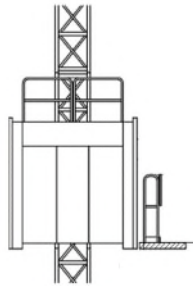
### EN 12158 Builders' hoists for goods

- Temporarily installed builders' hoists for goods where riding on the hoist is prohibited.



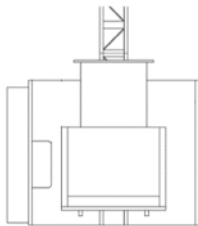
### EN 12159\*\* Builders hoists for persons and materials

- Temporarily installed builders hoists for persons and materials with closed cage.



### EN 16719\*\* Transport platforms

- Temporarily-installed, guided, powered platforms with rack and pinion drive, which have an open platform and hold-to-run controls operated by authorised, trained operators on the platform.
- Used also for transporting authorised passengers.



### Other standards

EN 528	Rail-dependent storage and retrieval equipment
EN 619	Continuous handling equipment and systems
EN 1459	Rough-terrain trucks
EN 1777	Hydraulic platforms (HPs) for firefighting and rescue services
EN 1915	Aircraft ground support equipment
EN 3691	Industrial trucks
EN 12312	Aircraft ground support equipment; series with 20 standards

Source: The illustrations are taken from the corresponding standard.

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## Lifting platforms – Important type-C standards

Overview of frequently used type-C standards with additional information

This publication is aimed at **manufacturers** and **users of lifting platforms**.

Anyone placing a **lifting platform** on the market must be able to prove compliance with the Machinery Directive 2006/42/EC and any further provisions.

Lifting platforms are intended for lifting goods and/or persons.

Refer to the standards for detailed safety aspects and requirements relating to lifting platforms.

This publication is intended to provide an overview of frequently used type-C standards. It should also help with using the correct lifting platform for a particular application.

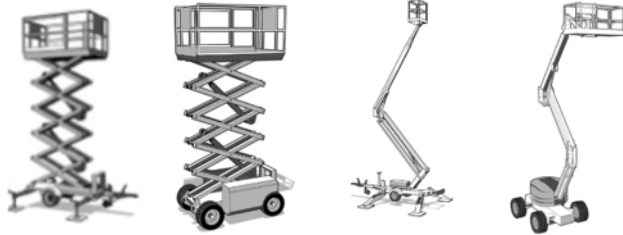
\*\*These products are listed in Annex IV; the procedure for assessment of conformity is to be implemented according to Article 12(3), (4).

### EN 280\*\* Mobile elevating work platforms

➤ Mobile elevating work platform intended to move persons to working positions where they carry out work from the work platform (WP) with the intention that persons get on and off the work platform only at access positions at ground level or on the chassis.

Types

- Vertical platforms (with stabilisers)
- Vertical platforms (drivable)
- Articulated and telescopic work platforms (with stabilisers)
- Articulated and telescopic work platforms (drivable from above)



a)

b)

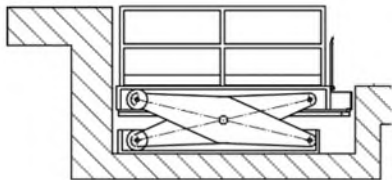
c)

d)

Source: The four lifting platform illustrations are taken from the internet.

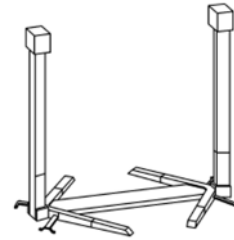
### EN 1570-1 Lifting tables

- Lifting and/or lowering of goods and operators.
- Lifting platforms that serve up to two fixed landings but do not pass through a fixed landing.



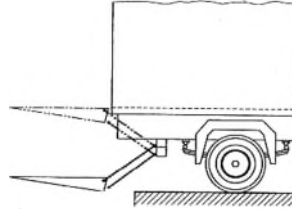
### EN 1493\*\* Vehicle lifts

- Vehicle lifts are designed to raise vehicles totally, for the purpose of examining and working on or under the vehicles whilst in a raised position.
- May not be used to lift persons.



### EN 1756-1 Tail lifts

- Platform lifts for mounting on wheeled vehicles, for lifting goods.
- One operator is allowed to ride on the platform.



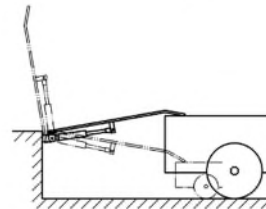
### EN 1756-2 Tail lifts

- Platform lifts for mounting on wheeled vehicles, for lifting passengers to the vehicle.



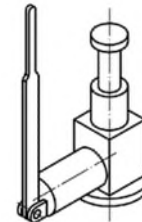
### EN 1398 Dock levellers

- Dock levellers are used by persons and/or manual or power-driven transport equipment as traffic paths between goods vehicles, both road vehicles and rail wagons, and parts of buildings such as loading docks.



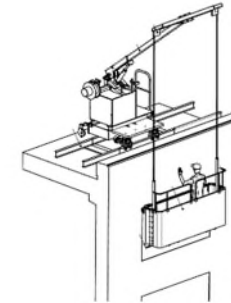
### EN 1494 Mobile or movable jacks and associated lifting equipment

- Lifting equipment for holding loads from below, which are used individually or with other devices.

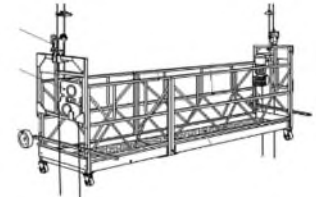


### EN 1808\*\* Suspended access equipment (SAE)

- Permanently or temporarily installed working platform for carrying out planned routine inspections, cleaning, and maintenance work on buildings.
- Enter and exit the platform only at roof or ground floor level (platform may not be used for transporting passengers).



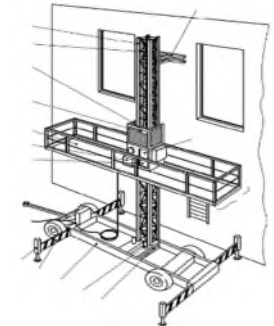
permanent



temporary

### EN 1495\*\* Mast climbing work platforms

- For lifting persons so that they can work from the platform.
- Persons are transported to a single entering and exiting point.
- Platforms are lifted with racks/pinions.



### EN 14010 Equipment for power-driven parking of motor vehicles

- Permanently installed, power-operated parking facility for motor vehicles that stores and retrieves motor vehicles sequentially.
- Can go over several floors.

