



ELECTRIC STACKER

Alternative names: Stacker

Category Stackers
Relates to video no. D2



Electric stackers are powered stackers with electric lifting and lowering capability. They are useful when handling pallets in the stockroom/warehouse or in the shop area, for example for stacking or moving pallets to or from stocking shelves. Electric stackers can also be used to raise products to a good working height when stocking and delivering products. The forks can be replaced with a spear, crane arm, clamp arms, etc. so the stacker can handle (non-palletised) loose loads.

Benefits

- Easier and faster to transport pallets and possibly other types of load
- You avoid pulling and pushing heavy loads
- Pallets can be placed at a good working height
- There are many different types and models of stackers on the market, so you can choose the model best suited to your products and tasks

Requirements for use

- The electric stacker should be suited for the transport surfaces and transport tasks at hand, for example with regard to load capacity, slope gradients, types of pallets
- The surface of transport routes should be even, stable, level and without holes, and the route should be well lit
- The pallet load should be stacked so that it is stable and the weight and height of the pallet should conform with the technical specifications of the stacker
- There should be a charging point for charging the stacker
- Users must be over 18
- Users must have an appropriate certificate if using the stacker to lift loads to heights above one metre. It should be possible to restrict the maximum lifting height to one metre, so that the stacker can be safely used by people without a certificate
- The stacker should be fitted with flashing lights when operated in areas with both pedestrians and vehicles and when used to lift loads above two meters. There should be instructions on keeping an appropriate safety distance to the work area or the work area should be safely cordoned off. If it's a public site, access to the area should be restricted by physical means or similar safeguards, such as surveillance.

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continued

Considerations prior to procurement

- For what and where do we need a stacker? For example, do we only need it to lift pallets, or do we need other load arms/lifting gear?
- What are our requirements for load capacity and lifting height?
- What are our requirements for battery capacity?
- Where can we charge the stacker?
- There may be special requirements for the location of a charger station due to risks of flammable gas emissions - if in doubt, ask the fire authorities
- Electric stackers require room to move and manoeuvre
- Do we have special requirements for manoeuvrability, for example with regard to handling fragile goods, transport routes and workflow?
- Will we be using the stacker in areas with other activities so that we need to cordon the area off/establish safety distances? (See under Considerations prior to procurement)

After procurement

- Inspect for deficiencies/defects before use
- Should be maintained as described in the instructions for use
- Employees should be instructed in how and for what tasks the mechanical aid should be used
- Make sure the instructions are followed
- Users of stackers able to lift loads above one metre must have an appropriate certificate