

SAFETY GUIDE

MEWPS

Mobile Elevating Work Platforms

The eight sections in this guide will provide you with good support for the risk assessment that needs to be conducted prior to working with a MEWP.

They also serve as a reminder that it is your theoretical expertise about why accidents happen that will make it possible for you to avoid them.

The guide is not a replacement for MEWP training but rather an aid for those who have already undergone this type of training.



1 THE OPERATOR

- 1 Users must be thoroughly familiar with the work, and possess documented theoretical and practical expertise on safe usage.
- 2 Basic MEWP training is conducted in line with the industry's MEWP curriculum and Swedish standard. Training companies that have decided to comply with the curriculum have been authorised by Liftutbildningsrådet (the Swedish MEWP Training Council).
- 3 The employer is responsible for providing the user with a machine induction course before work with the new MEWP model can begin.
- 4 Employees must have the employer's written authorisation to use the MEWP.
- 5 Users must be at least 18 years old or meet the requirements for a minor, and be in good health.
- 6 All operation of self-propelled MEWPs where other traffic is involved requires at least a tractor licence or AM driving licence.
- 7 Users must be familiar with and understand the safety instructions as well as the MEWP's instruction manual.



2 THE MEWP

Select wisely and improve safety. Remember:

- 1 The nature of the work. Are you breaking concrete or changing light bulbs?
- 2 The quantity and weight of individuals, equipment and materials that need to go on the platform.
- 3 What working height and reach are required?
- 4 Many MEWPs are designed exclusively for indoor use.
- 5 Work site foundations. Evenness, incline, bearing capacity and hardness.
- 6 Work site space: traffic, air ducts, ceiling height, etc.
- 7 How do you access the work site? Gates, doors, bridges, etc.
- 8 Does the MEWP need to be moved frequently?
- 9 What source of power is appropriate: power grid, battery power or combustion engine?
- 10 Are electrical outlets, compressed air or the like needed on the platform?



3 TRANSPORT

Before transport check that:

General

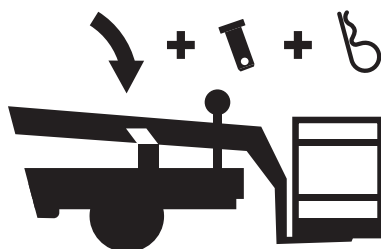
- 1 The MEWP is secured for transport according to the machine's user manual.
- 2 The boom and platform are locked in transport mode.
- 3 The support legs are locked in transport mode.
- 4 The power supply is disconnected.
- 5 The brakes are in working order.

Trailer-mounted MEWP

- 6 The pulling device is correctly fitted.
- 7 The support wheel is locked in the up position.
- 8 The drive rollers are disconnected.
- 9 The lighting is in working order.

Towing vehicles

- 10 Your driving licence is valid for this combination of vehicles.
- 11 The total gross load of the vehicle combination is not exceeded.
- 12 You know the maximum permitted speed of the vehicle combination.



4 SETTING UP

- 1 Contact the relevant authority for permission if work is to be conducted on the street, on a road or in a public place.
- 2 Cordon off the risk areas at the work site.
- 3 Observe caution when working in the vicinity of overhead lines. Electrical cables on the ground must be protected or relocated.
- 4 The lighting at the work site must be adequate.
- 5 Avoid setting up on slopes.
- 6 The foundation must be able to support the MEWP and its load. Make sure that covered holes can handle the weight of the MEWP and its load.
- 7 Clear away snow and ice. Treat with sand if slippery.
- 8 The bearing capacity is decreased near draining gutters and previously excavated ground such as ditches and drains.
- 9 Wet soil has less bearing capacity than solid ground.
- 10 Use large sole plates on lawns and other soft ground.
- 11 MEWPs with support legs are to be placed in a horizontal position using the legs. Spirit levels must be clean and intact.
- 12 Towing vehicles must be disconnected.

5 PRIOR TO WORK

- 1 Inspect the MEWP visually to check that the platform has no defects and is undamaged.
- 2 MEWPs must carry the CE mark and CE certificate and have a valid inspection certificate and inspection sign.
- 3 Safety equipment must never be blocked, bypassed or disconnected.
- 4 Check that the emergency stop is in working order. Test the emergency operation/emergency lowering function from ground level.
- 5 Test run all the functions from the ground control. Maneuver the platform to the top in order to lubricate all the hydraulic functions and heat the hydraulic oil temperature. This is particularly important in cold and rainy weather.
- 6 Persons who can operate the MEWP in emergencies must be nearby or possible to reach quickly.
- 7 When painting, welding or working with concrete and the like, the MEWP must be protected.
- 8 Debris in the cage increases the risk of accidents. Clean up!
- 9 If a fault occurs on the machine, you need to contact your supervisor without delay or alternatively the owner or rental firm.
- 10 Make sure that all individuals at your work site are aware of your MEWP.



6 MEWP OPERATION

- 1 Holes in the ground, bumps, manhole covers, overhead cranes, power lines, etc., are all risks.
- 2 Run the MEWP smoothly and precisely.
- 3 Self-propelled MEWPs should be moved across horizontal ground.
- 4 Always suit your speed to the circumstances.
- 5 Limit switches should not be used deliberately as a stopping device.
- 6 Bear in mind that the maximum load may vary depending on the reach. This is evident from the sign on the work platform.
- 7 Distribute the load evenly in the work cage.
- 8 Check the vertical clearance above and below the MEWP and the space to the sides.
- 9 Never use the MEWP if the wind speed exceeds the speed the machine is approved for. Remember that the wind sensitivity of the MEWP increases with height.
- 10 Avoid movement with extended support legs.
- 11 The MEWP must not be used as a lift, crane or jack.



7 PLATFORM WORK

- 1 An approved fall protection harness should be worn where a risk assessment indicates that fall protection is required.
- 2 Never leave a raised platform unattended! Do not climb on the railings!
- 3 Guardrails must be locked and secured. The access gate must be kept closed.
- 4 Ladders or similar must not be used in the platform.
- 5 Objects must not be dropped from the platform.
- 6 Most work situations expose the MEWP to lateral forces. High pressure washing and blasting may cause considerable recoil forces.
- 7 Adding an additional load to a raised cage is hazardous. Be aware of the reach and the maximum load.



8 BEFORE LEAVING

- 1 Manoeuvre the MEWP to transport mode and fit transport locks as required.
- 2 Park in the appropriate place, the MEWP must not obstruct traffic or people. Pay particular attention to emergency exits, fire equipment, substations, etc.
- 3 Apply the brake. Use stop blocks on inclines.
- 4 Disconnect the power source when using the mains.
- 5 A battery powered MEWP must be charged according to the manufacturer's instructions, usually once a day. Bear in mind the risk of oxyhydrogen gas formation.
- 6 Scissor lifts that are left unattended in a raised position must be mechanically locked to avoid unintentional lowering.
- 7 Lock the control panel and remove the key. Note that some work sites may require that the key is made available.
- 8 Install weather protection over the controls.
- 9 As a lessee you are obliged to make sure that the MEWP is in usable condition during the leasing period. Report any defects or problems that arise.



LIFTUTBILDNINGSRÅDET

The Swedish MEWP Training Council is responsible for authorising MEWP instructors and the MEWP curriculum (LLP). You can find all authorised trainers on our website, where you can also read up on MEWP training, watch videos and more.



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