ORIGINAL INSTRUCTIONS

PushAround PA35

SAFELIFT

7010-MAN1-EN_3

CONTENT

1. Health & safety regulations 3
1.1 Notification of safety precautions 3

2. Lift components 4

3. Warning devices 6
3.1 Warning texts 6
3.2 User warnings 6

4. Machine safety 8
4.1 Requirements for personnel & safety regulations 8
4.2 When rebuilding the lift 9

5. Product information 9
5.1 Load of platform 9
5.2 Storage compartment for tools 9
5.3 Manufacturer 9
5.4 Labelling 9

6. How to use 10
6.1 Checks before using the lift 10
6.2 Main power switch 10
6.3 Key lock 10
6.4 Raising and lowering of platform 10
6.5 Tilt indicator 10
6.6 Battery charger switch 10
6.7 Emergency stop 10
6.8 Emergency lowering 11
6.9 Transport of the lift with a lifting crane 11
6.10 Transport of the lift with a forklift 11
6.11 Transport of the lift by truck / trailer 11

7. Maintenance 12
7.1 Inspection & maintenance intervals 12
7.2 Electrical fuses 12
7.3 Battery charging 13
7.4 Adjusting automatic wheel locking 14

8. Technical data 15

9. Declaration of conformity 16

1. HEALTH & SAFETY REGULATIONS

The user manual contains instructions for the daily work with the equipment to be handled and used by the operator. The user manual must always be available to the operator(s) working with the equipment.

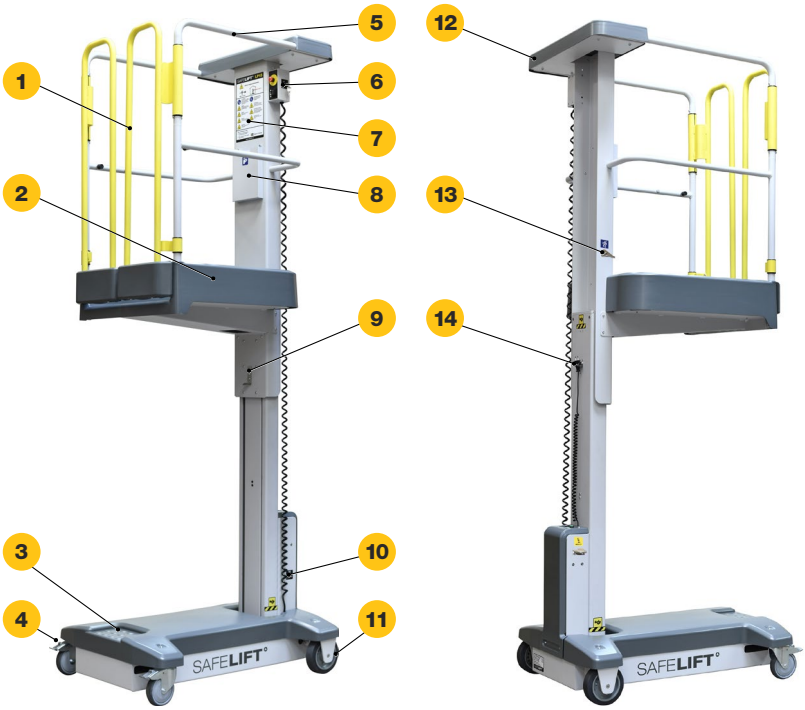
It is important that:

- The user manual and other applicable documents are retained throughout the life span of the equipment.
- The user manual and other applicable documents are included as part of the equipment.
- This user manual is forwarded to other users of the equipment.
- The user manual is updated with any additions or changes to the equipment.
- The user manual describes the methods used in the use of the equipment.

1.1 Notification of safety precautions

- Before you start using the equipment and performing the maintenance or service on this equipment, please read the applicable parts of the instructions.
- Take into account all signs stating Danger, Prohibited, Requirement and Note that are mentioned in the manual.
- Serious injury to persons and machine damage may occur if this information is not observed.
- The lift equipment is intended to be used by one operator.
- Consider all electrical equipment as being energized.
- Consider all hoses and pipes as being pressurized.
- For service and maintenance of the equipment / lift, make sure that the 230V power supply is cut and that the main fuse is in the OFF position.
- The service and maintenance may only be carried out by authorized service and maintenance personnel.
- Follow the instructions for maximum load. See the sticker on the lift and technical data.

2. LIFT COMPONENTS



1 Safety gates
2 Platform floor with skirting board
3 Step
4 Swivel wheels, manually lockable
5 Lift platform with safety railing
6 Control panel lift platform
7 Information and warning instructions
8 Storage compartment for operating instructions
9 Adjustment automatic wheel lock
10 Battery charger status
11 Automatic lockable wheels
12 Tool storage compartment
13 Anchorage safety harness
14 Plug 230V for battery charging

15 Emergency stop
16 Key lock
17 Raising and lowering of lift platform
18 Main power switch (24V)
19 Button for emergency lowering
20 Battery charge switch
21 Tilt indicator (spirit level)

3. WARNING DEVICES

Annual inspection of warning devices and protective devices must be carried out. This refers to the control of their function and status.

3.1 Warning texts

WARNING!
Ignoring this information will result in immediate danger to life.

PROHIBITED!
Prohibited action associated with danger or death or serious injury!

REQUIREMENT!
Prescribed use of personal protective equipment or other aids.

NOTE!
Information that requires special attention.

3.2 User warnings

Read and understand all instructions and safety information before use
All personnel must carefully read, understand and follow all safety instructions, as well as operating instructions in this instruction manual before performing operation or maintenance.

Tilting hazard
NEVER raise the platform or transport with a raised platform on anything other than a horizontal solid surface.

Risk of collision
NEVER operate the machine before having checked that the area around the machine is free of obstacles or other hazards.

Risk of falling
NEVER climb, sit or stand on the platform railing. If the platform cannot be lowered, NEVER climb down the mast.

Electricity
This machine is not isolated against electric current. It is therefore necessary to have a correct safety distance to the high-voltage conductors or other current carrying objects.

Always lock the swivel wheels to prevent the lift from being moved unintentionally!
Automatic locking of the front wheels occurs when the platform is raised.

Risk of crush injury
To prevent crush injuries, make sure that people or other equipment are not within the lift's working area. Observe the danger signs that are placed on the lift.

WARNING!
Do not stand under the platform when this is being secured in the raised position or when it is removed.

The lift may only be used indoors on flat and solid surfaces that are suitable for the load of the lift.

The lift must not be exposed to liquids, humid environment or a temperature below 0 °C.

The lift must not be used as a crane.

Never increase the height of the platform by using stairs or ladders etc.

Make sure that the operator uses appropriate safety equipment.

Make sure that the safety gate is closed when using the platform.

Lock the swivel wheels when the lift is parked.

Make sure that the working area around the lift is protected from people or other equipment.

Never push or pull objects with the lift.

Lock the lift when not in use to prevent unauthorized use.

4. MACHINE SAFETY CE

The machine is marked with a CE mark. This means that it is designed, manufactured and described in accordance with EU Machinery Directive 2006/42/EC (see also page 16).

4.1 Requirements for personnel & safety regulations

To avoid personal injury and machine damage, operator and operating personnel must be specially instructed or trained according to the manufacturer's instructions. Operator and operating personnel may only handle the parts on which they have been instructed or trained. All controls and buttons must only be operated by hand, ie they must never be activated with aids of any kind, unless otherwise provided. The operator must never leave the lift unattended so that unauthorized persons can be injured.

- The lift may only be used by personnel who have competence regarding the lift and may only be used when the user has read and understood the content of the current user description.
- The lift may only be used for the predetermined purpose and only with the fitted protective devices. All applicable safety regulations must be observed.
- Daily maintenance work may only be performed by personnel who have competence regarding the lift.
- Electrical work may only be performed by a trained professional.
- Work on current-carrying objects is not permitted.
- Modifications, repairs and alterations to the lift may only be carried out in accordance with current safety regulations.
- Only original spare parts are allowed for repairs.

4.2 When rebuilding the lift

If the lift is rebuilt or supplemented with other parts not approved by the manufacturer, this CE marking does not apply to the parts that change the function of the lift. Warning decals and CE marking on the lift must be clearly visible. If any machine part with warning sticker is replaced, new warning stickers must be mounted in the same place as before. Damaged decals and CE mark must be replaced immediately. If the lift is rebuilt after approval from the manufacturer or supplemented, it is very important that this instruction is immediately supplemented / adjusted with the necessary illustrations, photographs and texts.

5. PRODUCT INFORMATION

5.1 Load of platform

The lift may be loaded with a maximum of 130 kg (user + tools). The load must be evenly distributed over the surface.

5.2 Storage compartment for tools (12)

The tool storage compartment, which is located on top of the lift platform, may be loaded with a maximum of 10 kg.

5.3 Manufacturer

This lift is made by:
Safelift Sweden AB
Kvarnvägen 14
SE-352 41 Växjö
SWEDEN

5.4 Labelling

The lift is fitted with this nameplate:

6. HOW TO USE

All safety regulations, operating instructions, labels and national safety instructions / requirements must be carefully read, understood and complied with.

6.1 Checks before using the lift

1. Inspect the lift for any damage that may affect safety.
2. Check that the batteries are charged (10). Battery charger light should be green. NOTE! The charging cord (14) must be connected to read the status.
3. Disconnect plug (14) to use the lift.
4. Check the function of the automatic wheel lock (11). It should not be possible to move the lift when the lift platform is raised.
5. Check the function of the wheel brakes on the swivel wheels (4).

6.2 Main power switch (18)

The lift's main power switch must be activated when the lift is in use. Always switch off the main switch when not in use to save power.

6.3 Key lock (16)

The key lock must be in the "ON" position when the lift is in use and in the "OFF" position when the lift is locked.

6.4 Raising and lowering of platform (17)

Press the upper part of the control button to raise the platform. Press the lower part of the control button to lower the platform.

6.5 Battery charger switch (20)

The power switch must be in position "1" when charging batteries. NOTE! When batteries are not being charged, the power switch must be in position "0", otherwise power is consumed.

6.6 Tilt indicator (21)

The lift is equipped with a tilt indicator (spirit level), so that the operator can check that the lift is only used on a level surface. When the bubble is located in the centre of the spirit level, the lift is safe to use. Maximum permitted inclination is 0°.

6.7 Emergency stop (15)

The lift is equipped with an emergency stop function. Press the

emergency stop button to turn off the power. Rotate the emergency stop button clockwise to reactivate the power.

6.8 Emergency lowering (19)

The lift is equipped with an emergency lowering system. Emergency lowering of the platform is done with a switch that is located on the lift chassis control panel.

WARNING!
If the platform can't be lowered, NEVER climb the mast. Ask someone on the ground to turn on the emergency lowering button to lower the platform. Keep a safe distance to the mast when the emergency lowering is activated.

6.9 Transport of the lift with a lifting crane

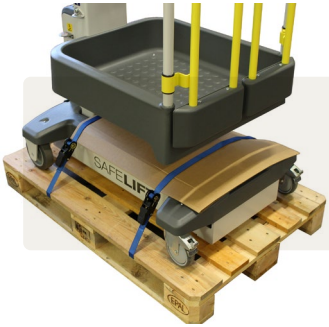
Make sure that the lift is anchored and cannot tip over or come loose when lifted.

6.10 Transport of the lift with a forklift

WARNING!
Lifting with forklift is only for transport of the lift. Must never be used to increase the lifting capacity. Check the weight of the machine in the specifications and make sure the forklift truck has a sufficient lifting capacity to lift the machine. The arms of the forklift are placed under the machine from the side.

6.11 Transport of the lift by truck / trailer

- The lift must be firmly anchored to a pallet during transport by truck / trailer.
- The lift must be in the lowered position during transport.
- Cover the lift to protect it from dirt and moisture.
- Load-proof the lift on the truck / trailer.



NOTE!
Lock the swivel wheels manually. Protect the chassis cover and fasten the lift chassis to the pallet with at least 2 straps so that it is firmly anchored. Do not overtighten the straps as this may damage the plastic cover of the chassis.

7. MAINTENANCE

7.1 Inspection & maintenance intervals

A complete inspection consists of periodic visual and functional checks along with minor adjustments in order to ensure the function. The daily inspection prevents the abnormal wear and prolongs the life of all machine systems.

Inspection and maintenance will be performed at specified intervals. Inspection and maintenance must be carried out by trained personnel who are knowledgeable in terms of electrical and mechanical functions.

REQUIREMENT!
Before performing daily maintenance, learn how the lift works and is operated.

VARNING!
Always secure the platform from moving when maintenance is performed with the platform raised.

7.2 Electrical fuses

The lift has 3 electrical fuses that are located inside the plastic covers on the chassis:

- Main fuse - 30A (blade fuse)
- Partial fuse - 315mA, 250V (glass fuse 5x20 mm)
- Emergency battery fuse - 30A (blade fuse)

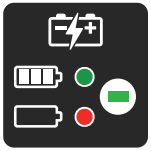
7.3 Battery charging

The lift's batteries are located under the chassis control panel. The batteries are of AGM type, they are leak-proof and cannot be refilled with battery fluid. When batteries need to be replaced, this should only be done with batteries approved by the manufacturer.

Battery acid is very corrosive. Always wear safety goggles when working with and near the batteries. Immediately rinse any spilled acid with clean water. Consult a physician in case of contact with battery acid.

NOTE!
The switch on the chassis control panel must be in position "1" for charging to take place. When charging is not required, the switch should be in position "0".

The status of the battery charge can be seen on a lamp located next to the chassis pillar (10). The plug (14) must be connected to 230V to be able to read the status. The lift's built-in charger optimally charges the batteries, so that overcharging cannot take place.



Red light - Charging in progress

Green light - Charging complete

WARNING!
Charge the batteries in a ventilated area. Do not charge the batteries near open fire or where there is a risk of sparks being generated.

NOTE!
The charger must be connected to a socket with earth-fault protection. Do not use the lift while charging.

7.4 Adjusting automatic wheel locking

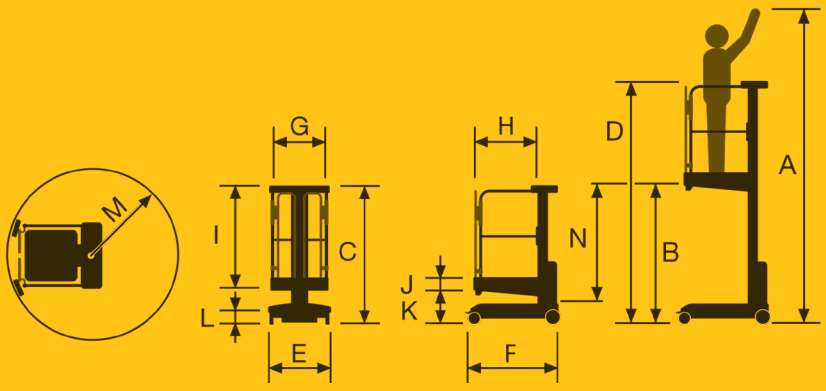
The lift is equipped with an automatic wheel lock (11). The wheel lock consists of a wire that is pressed down by an adjustable wire pusher. The wire pusher (9) is located under the platform floor, see picture below. After a period of use, the wire may become stretched and the wire pusher may need to be adjusted downwards (the wire pusher does not push down the wire sufficiently to disengage the wheel lock). This can be solved by loosening the two allen screws and adjusting the wire pusher down.

DO NOT adjust the wire pusher too far, as the wire may tighten too hard and fall off. Adjust the cable pusher down in 2 mm increments, and lower the platform to its lowest position after each step, to check that the wheel lock is deactivated and the lift can be moved.

8. TECHNICAL DATA

Total number of people on the platform	1
Maximum total platform load	130 kg
Maximum load on tool storage compartment	10 kg
Lifting time (130 kg)	14.5 s
Weight	236 kg
Maximum wheel load	97 kg
Maximum inclination of lift at work	0°
Maximum manual lateral force on platform	200 N
Maximum wind speed (indoor use only)	0 m/s
Noise level	< 70 dB(A)
Power source	2 pcs 12V batteries, 9Ah, maintenance-free
Power source emergency lowering	12V battery, 9Ah, maintenance free
System voltage	24V
Battery charger	230V, 50 Hz / 60 Hz
Lifting system	Electric motor with gear, double lifting chains
Wheels	Polyurethane wheel coating, leaves no marks
Parking brakes (Front)	Automatic locking when platform is raised
Parking brakes (Rear)	Swivel wheels, manually lockable

A	Working height	3500 mm
B	Platform height	1500 mm
C	Total lift height (lowered)	1550 mm
D	Total lift height (raised)	2552 mm
E	Total lift width	697 mm
F	Total lift length	995 mm
G	Width of platform	550 mm
H	Length of platform	645 mm
I	Height of platform railing	1100 mm
J	Height of skirting board	150 mm
K	Height to platform floor	422 mm
L	Wheel diameter	Front 160 mm, Rear 125 mm
M	Turning radius	890 mm
N	Stroke length	1078 mm



9. DECLARATION OF CONFORMITY

SAFELIFT

Declaration of Conformity CE

Manufacturer: Safelift Sweden AB
Kvarnvägen 14
SE-352 41 Växjö
SWEDEN

Safelift Sweden AB, VAT-no: SE 556820966101, declares that the following product:

Machine type:	Mobile Elevating Work Platform
Model:	P A 3 5 _ _
Serial number:	2 0 _ _ _ _
Year of manufacture:	2 0 _ _
Date of manufacture:	_ _ _ _ _ _ (YYMMDD)

has been manufactured in accordance with the following product directives:

2006/42/EC; 2014/30/EU; 2014/35/EC

and in conformity with the relevant parts of the following reference standards:

EN ISO 60204-1:2006, EN ISO 13850:2008, EN ISO 7731:2008, EN ISO 13849-1:2008, EN ISO 12100:2010, EN ISO 14121-2:2012, EN 280-1:2022

.....
SIGNATURE

Name: Bo Arrhén
Title: CEO
Date: 250929 (YYMMDD)
Place: Växjö

NOTE! This declaration complies with Annex II, Part A, of 2006/42/EC. In case of modification or alteration of the above-mentioned lift, this document becomes void.

NOTES

NOTES

NOTES

SAFELIFT

Made in Sweden

ADDRESS
Safelift Sweden AB
Kvarnvägen 14
SE-352 41 Växjö
Sweden

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info@safelift.se