



Manual

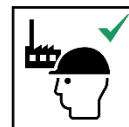
X-frame 1.0

Conform NEN-EN 1004 – IM – NL x EN x DE x FR

X-frame 1.0

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If you have any questions, please contact ASC Group.

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1 Overview

1.1 Application

The X-frame is a hip and knee guardrail that offers optimal security during the assembling of a Mobile Tower. The X-frame is therefore not intended to be a structural integral part of a Mobile Tower.

1.2 List of components or different types

Nr.	Component	Number
1	X-frame 190	X190
2	X-frame 250	X250
3	X-frame 305	X305
4	X-frame 400	X400



2 Assembly and use

2.1 Positioning of the Mobile Tower

Make sure you have the correct length for your product. Consult the product manual for the sizes.

2.2 Personal protective equipment

- Always wear work gloves, safety shoes and a safety helmet.
- Use a lifeline when working at heights.

2.3 Assembly

Aluminium Mobile Towers may only be erected by people with sufficient, proven experience. According to the regulations, every rigger must also be in the possession of a valid certificate "Scaffolding rigger (aluminium)"; this is in accordance with Dutch legislation and regulations. In the country where you use this material, you must comply with the applicable regulations of that country.

Check all components (use the list of components) that are required for assembly, are present and undamaged. Damaged components should not be used.

For checking for damage: see section 3.1.

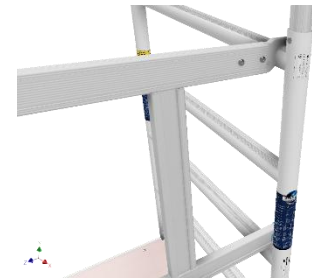
There are no tools required for assembling a Mobile Tower. Use a drilling machine and a spanner set when the Mobile Tower has to be anchored at the wall. For Mobile Towers from five meters onwards, it can be useful to use a rope (with or without an accessory) to lift the components.

Mobile Towers are not designed to be hoisted.

2.4 Assembling instructions



1. Extend the U bracket from the X-frame and secure it.
2. Insert the X-frame through the vertical Mobile Tower frame. Place the lower beam (the side of the bracket) two rungs higher than where the platform will be or already has been placed.
3. Turn the X-frame until you can properly insert the top beam on the other side of the hook around the fourth sport above the platform.
4. Put the upper beam around the sport and pull the hook on the other side up to the sport.



2.5 Use

This manual is an addition to manual of the Mobile Towers. Consult the correct manual for your product.

The X-frame is intended as a construction aid to prevent falls. The frame is therefore not designed to reinforce your scaffolding; preferably remove it after building the scaffolding. The X-frame can possibly remain seated, provided that this is clamped between a horizontal brace and two uprights.



2.6 Relocation

You must remove the X-frame before moving the Mobile Tower; it can vibrate and fall.

2.7 Chemical products

Avoid contact with acids and chemical products. These can cause corrosion to the aluminium, which can affect the strength of the aluminium

3 Inspection, care and maintenance

According to the regulations one must work safely at heights. On an ASC Mobile Tower, it is not obligatory to wear extra fall protection (provided that the recommendations in this manual have been followed).

3.1 Annual control

Your ASC Mobile Tower must be inspected for any defects annually by an expert. The ASC Group can perform this control for you.

3.2 Self-inspection

The ASC Mobile Tower can be inspected by yourself. Before each use, always check the components for any damage (see section 2.5). We certainly recommend larger companies to do a monthly inspection of all components of the Mobile Towers and to record this inspection. If you are in doubt about damage, consult an accredited inspector.

3.3 Damage

Examples of the most common damages on aluminium Mobile Towers:

Loszittende onderdelen: zit een haak of een sport los, dan is het frame afgekeurd.

- Components: if a claw or a sport is loose, the mobile tower must be rejected.
- Dents and or holes: if there is a big dent in the aluminium or even a crack or hole, the Mobile Tower must be rejected.
- Contamination: if there is too much concrete, paint or other non-removable contamination on the components, the Mobile Tower must be rejected; after all, you can no longer judge whether the components are still intact.

3.3.1. What to do in the event of damage

If there is any damage, which cannot be repaired, the component must be taken out and replaced. If repairing is possible, please contact ASC Group for further information.

3.3.2. Repair

Repairing a component must be carried out by a certified body or person.

3.4 Transport

- Always transport the components in accordance with the locally applicable legislation.
- Stack the components correctly for transport; never place the heavy components on top.
- Transport the components of a Mobile Tower, preferably standing, f.e in a carrier.
- Handle the material with care. Do not drop components onto a hard surface; this can reduce the quality of the material.

3.5 Maintenance

Ensure that the material is clean, in particular the locking pins. The frames must be assembled and disassembled easily.

3.6 Storage

Store components of the Mobile Tower preferably in a dry, clean, dark and frost-free place.