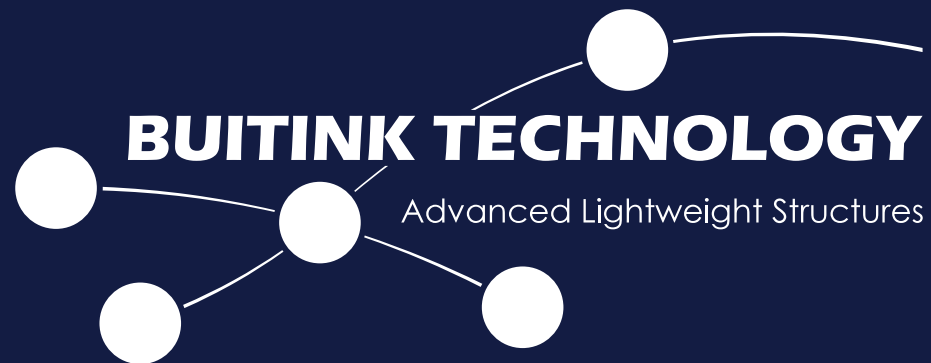




01. User manual

Product	Inflatable Work Platform with Heat-Resistant Cover
Model	IWP-1400-300
Manufacturer	Buitink Technology B.V., Duiven, Netherlands
Date:	2025-07-14
Version:	01



06.

User manual

Product

Inflatable Work Platform
with Heat-Resistant Cover

Model

IWP-1400-300

Manufacturer

Buitink Technology B.V.
Duiven, Netherlands

Date

2025-07-14

Version

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Components Overview

The inflatable work platform consists of the following main components:

- Double-wall inflatable body
- Aluminium valve assembly with stainless steel ball valve and quick coupling nipple
- Pressure regulator box
- Heat-resistant silicone-coated cover
- Anti-slip perimeter strip
- Ratchet straps for anchoring
- Green pin shackles
- Safety labels and warning markings



Inflatable-working-platform

05.

User manual

Product

Inflatable Work Platform
with Heat-Resistant Cover

Model

IWP-1400-300

Manufacturer

Buitink Technology B.V.
Duiven, Netherlands

Date

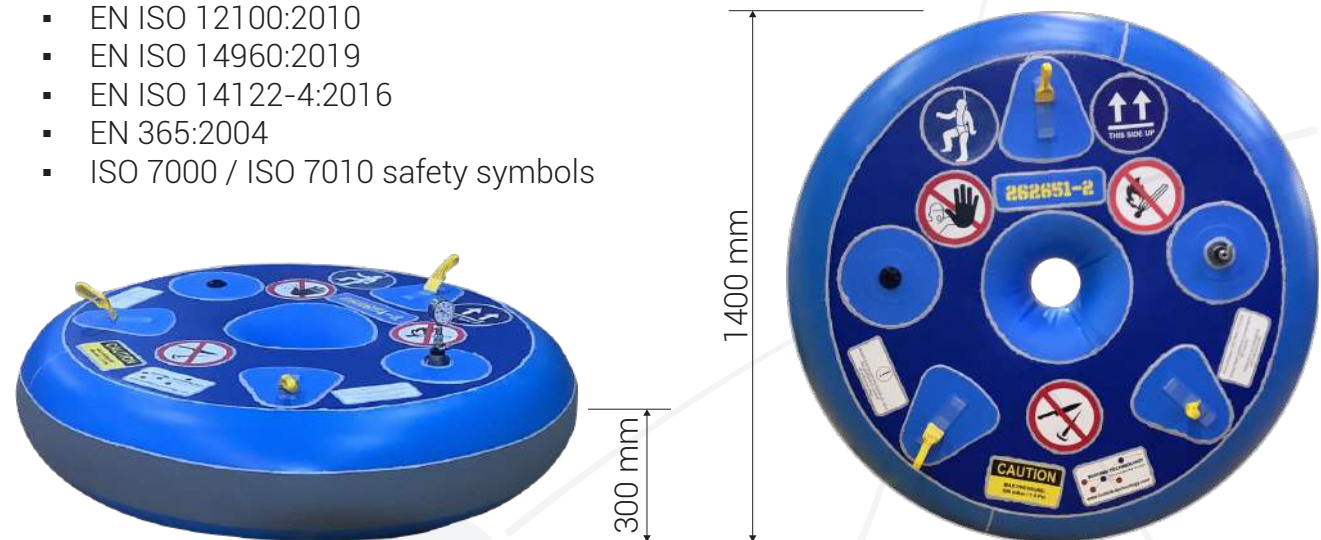
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Technical Specifications

- Model: IWP-1400-300
- Diameter: 1400 mm
- Height (Thickness): 300 mm
- Central opening diameter: 152 mm
- Approximate weight: 12–14 kg
- Main material: Double-wall PVC-coated polyester fabric, 300 mm thick
- Heat-resistant cover: Silicone-coated fiberglass fabric, continuous temp. resistance up to 250°C, peak up to 300°C
- Anti-slip perimeter: PVC-rubber blend with approx. 20% rubber
- Maximum working pressure: 500 mbar (7.25 psi)
- Air supply connection: aluminium valve with ss ball valve and male quick coupling nipple
- Pressure Regulator Box: SS housing, regulator, relief valve, gauges, fast-fill lever.
- Compliance standards:
 - EN ISO 12100:2010
 - EN ISO 14960:2019
 - EN ISO 14122-4:2016
 - EN 365:2004
 - ISO 7000 / ISO 7010 safety symbols



Inflatable-working-platform

03.

User manual

Product

Inflatable Work Platform
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Model

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Manufacturer

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Introduction

This platform has been specially designed to provide safe, temporary access for personnel working at height or in confined spaces such as silos, tanks, or large vessels. Its inflatable structure allows for quick deployment and adaptability, particularly in round or irregularly shaped environments where traditional platforms may not fit.

The platform is manufactured using high-strength, industrial-grade materials and must always remain connected to an air supply during use. It is not airtight and will gradually lose pressure if disconnected.

Important Safety Notice:

- The platform must only be used by trained and authorized personnel who have read and understood this manual.



Inflatable-working-platform

02.

User manual

Product

Inflatable Work Platform
with Heat-Resistant Cover

Model

IWP-1400-300

Manufacturer

Buitink Technology B.V.
Duiven, Netherlands

Date

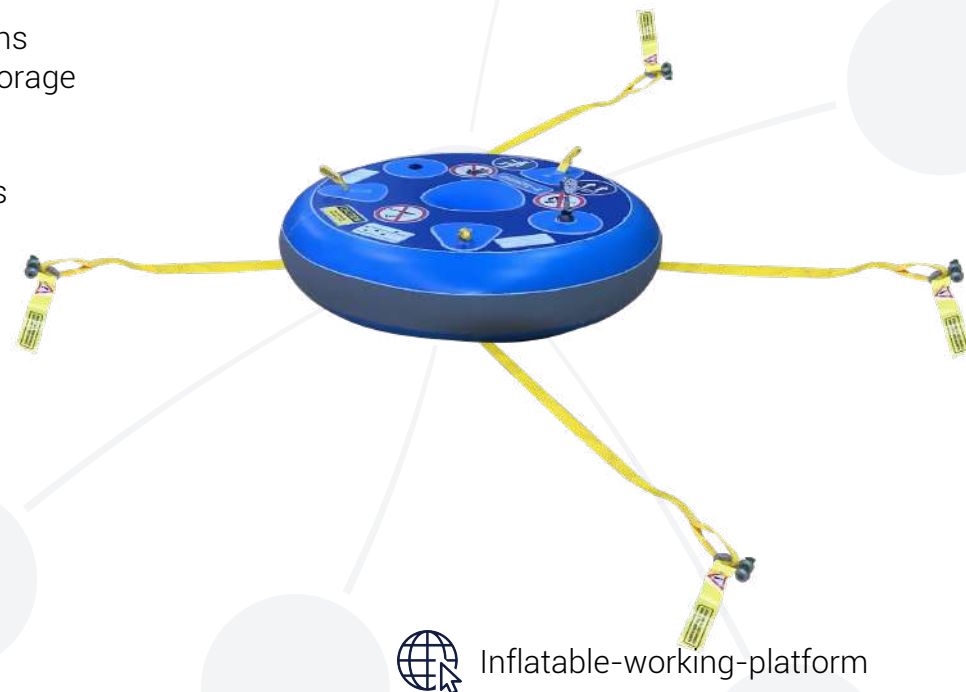
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- **07.** - Installation / Setup
 - Unrolling / unfolding
 - Inflation
 - Applying heat-resistant cover
 - Anchoring with straps
- **11.** - Operating Instructions
 - Maintenance and Storage
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 - Labels and markings
- **14.** - Contact



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04.

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Product

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Model

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Safety Information

- Always wear certified fall protection equipment when working on the platform.
- The platform must remain connected to an air supply during use.
- Maximum working pressure is 500 mbar (7.25 psi). Do not exceed this limit.
- Do not use sharp objects near the platform to avoid punctures.
- Keep open flames away from the platform and heat-resistant cover.
- Only trained and authorized personnel may use the platform.
- Ensure the platform is securely anchored using the provided straps.
- When used in confined spaces (e.g. silos), follow all confined space entry procedures, including atmospheric testing and emergency rescue plans.



Safety and Warning labels
on the platform



07.

User manual

Product

Inflatable Work Platform
with Heat-Resistant Cover

Model

IWP-1400-300

Manufacturer

Buitink Technology B.V.
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Installation and Setup

Follow these steps to prepare the platform:

01. Unfolding platform

- Place the folded platform on flat surface
- Unroll or unfold it completely.



02. Unfolding cover

- Spread the heat-resistant cover over the platform.



03. Align cover and holes with platform features

- Place the cover over the platform.
- Align the holes in the cover with the central opening, valve, and straps.
- Adjust the cover until all parts fit correctly



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Product

Inflatable Work Platform
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Model

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04. Pull the edge of the cover down

- Gently pull the edge down so the cover fits snugly over the entire perimeter.



05. Thread the straps through the cover

- Guide each yellow ratchet strap through the corresponding slit or eyelet in the cover.



06. Adjust the cover and straps

- Check that the cover is smooth and all straps are correctly positioned.



07. Get the regulator box

- Take the pressure regulator box out of the packaging and place it near the platform.



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08. Connect hose to regulator box

- Connect the blue air hose to the outlet fitting of the pressure regulator box



09. Connect hose to regulator box

- Connect the other end of the blue hose to the valve nipple on the inflatable platform. Push the quick coupling until it clicks into place



10. Connect air to regulator box

- Connect the compressed air supply hose (from own air system) to the inlet fitting of the pressure regulator box. Ensure all fittings are tight



11. Set the desired target pressure

- Set the desired target pressure using the black regulator knob. (Max. 500 mbar (7.25 psi).



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12. If quick inflation is required

- Briefly operate the fast fill lever. Release it when the platform reaches the desired shape.

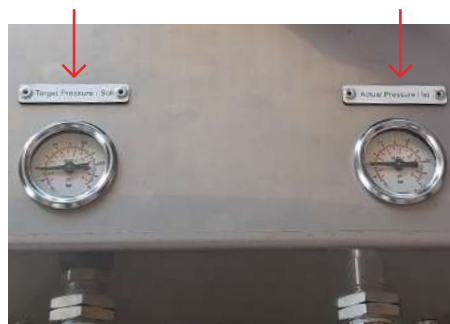


13. Observe both pressure gauges

- Connect the other end of the blue hose to the valve nipple on the inflatable platform. Push the quick coupling until it clicks into place.

Target pressure

Actual pressure



14. Push the cover sleeve through platform

- Push the cover sleeve through the central opening to ensure the inside of the opening is fully covered.



15. Check the underside of the platform

- Tilt the platform upright and carefully inspect the underside.
- Make sure the cover is evenly fitted, all straps are threaded correctly, and no material is caught or folded.



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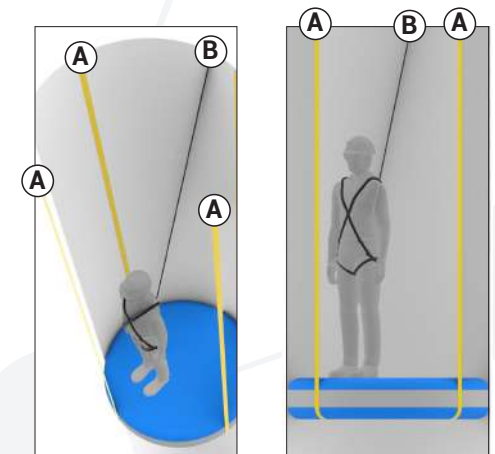
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16. Anchoring with clamping and straps

- Partially deflate the platform slightly to make it easier to move.
- Move the platform into its final position.
- Once properly positioned, re-inflate the platform to press it gently against the surrounding walls.
- Always secure the platform with the provided straps, even if it is clamped between walls.
- Anchor the straps to solid structures to prevent shifting or tilting.
- Check that all straps are tight and the platform is stable before starting work.
- This helps to stabilise the platform if the application allows wall contact.

Operating Instructions

- Verify that the platform is fully inflated and stable before stepping on it.
- Never exceed the specified load capacity.
- **Secure platform with provided straps (B).**
- **All users must wear fall protection equipment attached to certified anchor points (B).**
- Monitor air pressure during use to ensure safe operation.
- Keep unauthorized personnel away from the working area.



Maintenance and Storage

- Inspect the platform before and after each use for damage or leaks.
- Check the condition of the heat-resistant cover.
- Keep the platform clean and dry during storage.
- Store in a dry place, away from sharp objects and chemicals.
- Repair any damage using the approved repair kit or contact Buitink Technology.



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Troubleshooting

Item	Possible Cause	Action
Platform losing pressure	Leak or open valve	Check valves and repair leaks
Air cannot enter platform	Closed ball valve or blockage	Open valve, clear hose
Cover doesn't fit properly	Misalignment	Reposition cover carefully
Labels not readable	Wear or damage	Replace labels

Labels and Markings

The platform features several warning and safety labels:

- Maximum Pressure: Do not exceed 500 mbar (7.25 psi)
- Air Supply Warning: Keep connected to air supply during use
- No Unauthorized Persons: Only trained personnel allowed
- Fall Protection Required: Users must wear certified fall protection while on the platform
- No Open Flames: Keep away from fire sources
- No Sharp Objects: Avoid damage to the fabric
- Up Direction Arrow: Indicates correct orientation
- Keep straps connected to shackles



Inflatable-working-platform

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User manual

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Inflatable Work Platform
with Heat-Resistant Cover

Model

IWP-1400-300

Manufacturer

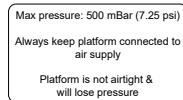
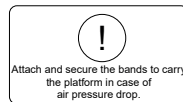
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Maximum Pressure

Indicates maximum working pressure of 500 mbar (7.25 psi).
Never exceed this value.

No Unauthorized Persons: Only trained personnel allowed

No Open Flames: Keep away from fire sources

No Sharp Objects: Avoid damage to the fabric

Fall Protection Warning

Users must wear certified fall protection equipment while on the platform.

Air Supply Warning

Platform is not airtight and must remain connected to an air supply.

Orientation

Indicates correct top side of the platform.

Fall Protection Required

Users must wear certified fall protection equipment while on the platform.

Keep straps connected to shackles



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Product

Inflatable Work Platform
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IWP-1400-300

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Duiven, Netherlands

Date

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