

Namah Harness – User Manual

PYXIS



1. General Product Information

Intended Use:

The Namah Harness is a **personal protective equipment (PPE)** specifically designed for **fall protection and body support** in activities such as climbing, mountaineering, rope access, and general adventure applications.

Compliance:

This harness meets the requirements of:

- **EN 12277 (Type C – Sit Harness)**
- **UIAA 105 Standards**

It is engineered to safely distribute the load across the waist and leg loops during suspension or in a fall arrest situation.

Important: Do not use this product for any purpose outside its intended limits or design specifications.

2. Key Specifications & Features

Feature	Specification / Rating	Description
Tensile Strength	> 23 kN ▾	High-strength nylon webbing construction.
Buckle Rating	15 kN ▾	Robust strength without compromising comfort.
Safety Ratings	15 kN ▾	Rated capacity for the waist belt and belay loop.
Rear Support Loop	15 kN Dyneema loop ▾	Main load-bearing connection point
Weight	S (475g) M (515g) L (555g)	Lightweight design for portability and extended use.
Comfort	Enhanced ▾	Elastic hinge on the waist belt for flexibility.
Adjustability	Full ▾	Fully adjustable waist for

		a personalized, secure fit.
Versatility	High ▾	Ideal for climbing, wall training, and rope activities with short suspension durations.

3. User Responsibility and Safety

CRITICAL WARNING: Activities involving this equipment are inherently dangerous and carry a risk of serious injury or death.

Your safety is entirely dependent on your actions and judgment.

Before using the Namah Harness, you **must**:

1. Read and fully comprehend all instructions.
2. Receive adequate training in its use and in general fall protection systems.
3. Be aware of the product's capabilities and limitations.
4. Accept all risks associated with its use.

Authorized Users:

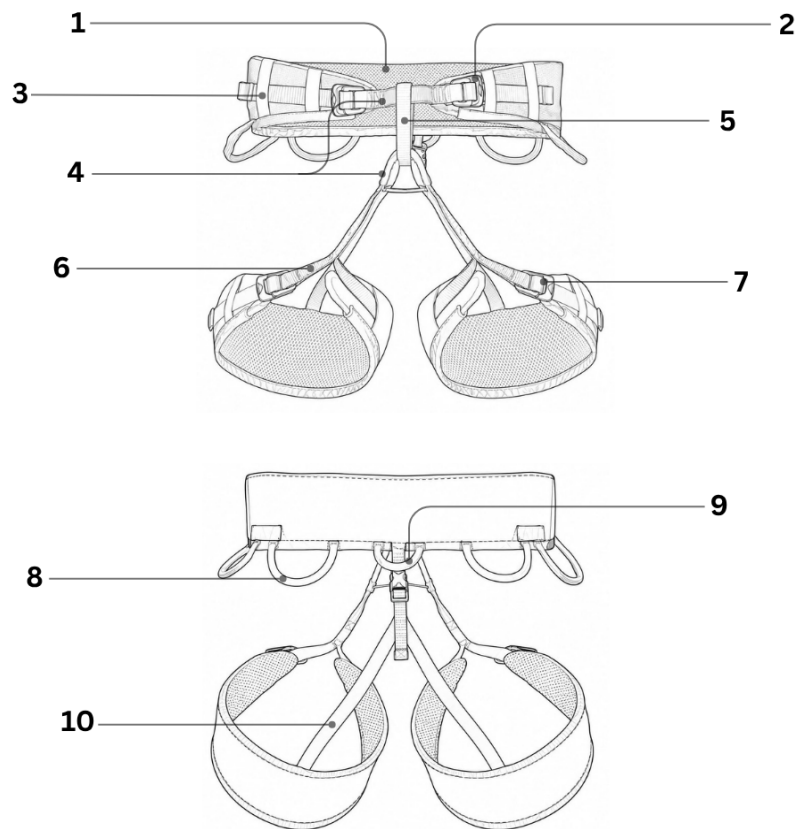
This equipment is strictly for use by:

- Competent and formally trained individuals.
- Persons under the immediate and direct supervision of a qualified expert.

If you are unwilling or unable to assume this responsibility, you must not use this equipment.

4. Harness Components (Nomenclature)

(1) Waist Belt, (2) Waist Belt adjustment buckle, (3) Elastic keepers, (4) Tie-in points (bridges), (5) Belay loop, (6) Leg loop strap, (7) Leg loop adjustment buckles, (8) Gear loop, (9) Rear loop for haul rope, (10) Leg loop elastic



5. Operational Guidelines

5.1. Pre-Use Inspection

Before every use, visually inspect the harness:

- Check webbing for any signs of cuts, abrasion, or fraying.
- Inspect all stitching and load-bearing points for integrity.
- Confirm that all buckles function correctly.
- Verify the integrity of the belay loop and designated tie-in points.

5.2. Setup and Adjustment

1. Untangle the harness completely.
2. Step through the leg loops and position the waist belt securely above your hips.
3. Tighten the waist and leg loops until they fit snugly but comfortably.
4. Ensure the belay loop is correctly centered.

Caution: A loose harness adjustment significantly increases the risk of injury during a fall.

5.3. Usage and Attachment

- Always tie into the harness using the **designated tie-in points** only.
- Use appropriate, certified climbing knots (e.g., figure-8).
- Attach belay or rappel systems **only to the belay loop** using a locking carabiner.
- Always double-check all connections before commencing activity.

5.4. Safety Precautions

- Ensure all buckles are fully tightened and secured.
- Never modify or attempt to repair the harness yourself.
- Do not exceed the specified load limits.
- **Avoid contact with:** Sharp edges, corrosive chemicals, extreme heat, and excessive UV exposure.

5.5. Compatibility

Ensure that the harness is compatible with all connecting components, including:

- Ropes
- Carabiners
- Belay devices
- Anchoring systems

The use of incompatible equipment may compromise the safety of the entire system.

6. Maintenance and Storage

6.1. Cleaning

- Clean with lukewarm water and a mild, non-aggressive detergent.
- Use a soft brush if necessary.
- Do not use harsh or chemical-based cleaners.

6.2. Drying

- Air dry completely in a shaded, well-ventilated area.
- Do not expose the harness to direct heat sources (e.g., fire, radiator).

6.3. Storage

- Store in a cool, dry place, shielded from direct sunlight.
- Protect from moisture, chemicals, and sharp objects.
- Keep the harness in a suitable gear bag when not in use.

7. Lifetime and Retirement

Status	Maximum Life	Notes
Shelf Life	5 years	While the harness remains unused.
Service Life	Up to 3 years	Subject to occasional use and maintenance.
Warranty	3 years	Limited to manufacturing defects only.

Immediate Retirement Criteria:

You **must immediately retire and destroy** the harness if:

- There is any visible damage (e.g., cuts, fraying, deformation).
- It has been subjected to a major fall or excessive load.
- It has been exposed to chemicals or harsh environmental conditions.
- You are uncertain about its complete history or integrity.

Note: Destroy retired equipment to prevent any possibility of future reuse.

8. Markings and Warranty

Each Namah Harness carries the following essential information:

- Manufacturer's name/logo and product identification
- Standard compliance markings (EN 12277 / UIAA 105)
- Serial number
- Date of manufacture

Warranty Details

A 3-year limited warranty covers manufacturing defects.

The warranty specifically does not cover:

- Normal wear and tear from use.
- Damage due to improper use or storage.
- Damage resulting from unauthorized modifications.

9. Final Safety Reminder

Climbing and rope activities involve significant and unavoidable risk.

- ✓ **Always double-check your entire safety system.**
- ✓ **Use only certified and compatible equipment.**

✓ **Maintain current training and stay informed.**

Stay safe. Climb responsibly.

FAQs

1. How do I know if the harness fits correctly?
2. What is the weight and strength rating of the harness?
3. What is the rear Dyneema loop used for?
4. Can I use this harness for long-duration suspension (like work positioning)?
5. How often should I inspect the harness?
6. When should I retire my harness?
7. Can the harness be repaired if damaged?
8. How should I clean my harness?
9. What certifications does the Namah Harness meet?
10. Can the Namah Harness be used for activities other than climbing (like trekking or ziplining)?