



Designers, Manufacturers and Suppliers of Quality Height  
Safety & Rescue Equipment, Training & Consultancy

## P&P Auto Reel MK2 User Instructions

Thank you for purchasing this **P&P Auto Reel**. Please take time to familiarize yourself with the correct use and operation. It is imperative that this device is only used for its intended purpose and that it is subject to a periodic recorded detailed inspection by a competent person. To avoid personal injury, prior to using this **P&P Auto Reel** or training others to use it, **CAREFULLY READ** and understand these instructions. If there is anything you do not understand **DO NOT** use the **P&P Auto Reel**, contact the supplier or **P&P** for further details. Certain information in this manual is governed by law and is subject to change without prior notice. Great care has been taken to ensure the information is correct at the time of publication. However, it is the user's sole responsibility to ensure that they fully comply with all legal requirements. **P&P** will not accept liability for any inaccuracy or incorrectly stated legal requirements. **P&P** operate a policy of continual improvement and reserve the right to change specifications without notice. The Manufacturer and / or their recognised agents, directors, employees or insurers will not be held liable for consequential or other damages, losses or expenses in the connection with or by reason of or the inability to use the **P&P Auto Reel** for any other purpose.

### Description

The **P&P Auto Reel** is a small, lightweight, retractable fall arrest device ideal for applications where maximum mobility is required, whilst protecting a worker from a potential fall. The swivel attachment which helps prevent the webbing from twisting incorporates an indicator, which is activated in the event of a fall. The unit is complete with an oval Screwgate anchorage karabiner and a small double action snap hook connector to the user's harness. A soft PVC cover protects the mechanism from damage.

The **P&P Auto Reel** is a 'retractable type' fall arrester with a self locking function and automatic tensioning and return facility for the lanyard. In the event of a fall the mechanism inside the device will automatically lock and limit the force on the body to less than 6kN. When the user is climbing upwards or downwards the webbing is kept in tension by the return spring.

### Function

The **P&P Auto Reel** must be used with a suitable anchorage and full body harness to EN361 to provide a fall arrest system.

**P&P** recommend that users are trained in the proper use and practical/physical limitations of this system. Equipment specifiers / users must ensure this system is used with compatible ropes and connectors. Failure to ensure compatibility may result in an unsafe condition or even connector/link failure.

### Warning

All work at height including the use of Personal Protective Equipment (PPE) as a control measure is subject to a suitable and sufficient risk assessment.

### Product Conformance

<b>Standard</b>	EN360: 2002 Retractable Type Fall arrester
<b>Lanyard Type</b>	Webbing
<b>Lanyard length</b>	2.43m
<b>Unit Weight</b>	1.5Kg
<b>Temperature Range</b>	-30C to 50C
<b>Max Working Load</b>	150kg

### Using the System

The **P&P Auto Reel** is for personal use only. Only use EN362 connectors approved by **P&P**.

### Inspection

Check your **P&P Auto Reel** for any damage or malfunction **prior to each and every use**. If there is any doubt about the safe condition of the device, it should be immediately withdrawn from use and returned to **P&P** for inspection.

Detailed Recorded Inspections should only be carried out by a competent person, appointed by the employer. Additional, recorded interim inspections may be required where risks from transient arduous working conditions exist. This should be identified through risk assessment.

This device uses a textile lanyard and **P&P** recommend in addition to the pre-use checks a 6 monthly visual and tactile inspection by a competent person.

- Visually check the case and connectors for cracks or deformation.
- Check all connectors for correct operation ensuring gates return freely without sticking and lock mechanisms operate correctly.
- Check the indicator attached to the top of the unit. If a red ring is showing, do not use. The unit should be scrapped.
- Check the webbing lanyard by holding the arrester casing and hand over hand pulling out the lanyard approx 300mm at a time. Check webbing for abrasion, cuts, wear, deformation or chemical attack. Check stitch patterns for broken or loose stitches, cuts and pulling. Continue until the complete lanyard has been inspected. After inspecting allow webbing to reel back in a controlled manner.
- **Brake Function Test.** Securely anchor the body of the device using the attached karabiner. Holding the webbing lanyard snap hook connector – pull down sharply. The internal brake should activate and stop the movement. If this does not occur remove the unit from service and scrap.

- If the **P&P Auto Reel** has been subject to a fall it must be removed from service immediately and scrapped.

**Warning**

Selection of a suitable anchorage point is critical and must in all cases be above the casualty and capable of taking a peak force of 12kN. This is usually a structural strong point or anchorage to BSEN 795.

**Instructions for use**

- Before each and every use a '**Brake Function Test**' must be performed. If this test fails, withdraw device from service immediately. See section on inspection.
- Select a suitable anchorage. The anchorage should be a strong point or anchorage to EN795 above the user.
- **P&P** recommend that the webbing lanyard snap hook connector should be attached to the user's harness and the retractor (case body) karabiner to the anchorage point.
- Ensure there is adequate clearance below the user. The following calculation is a guide: **Maximum Arrest Distance + Height of User + Safety Clearance = 1.5m + 2m + 1m = 4.5m**
- Ensure the lanyard remains tight and under return spring pressure. Keep clear of sharp edges that might damage the lanyard webbing or obstructions that might, impede, or restrict lanyard auto reeling.

**Do Not**

- Do not use this system until you have read and fully understood these instructions.
- Do not anchor to a structure that itself can fall i.e. loose or unsecure structure.
- Do not allow the lanyard to become slack.
- Do not allow the lanyard webbing to become twisted.
- Do not use above terrain that is unstable (e.g. grain silo's, shifting sand, powder, sludge, etc) as a slow descent will not activate the braking system.
- Do not use this device after it has arrested a fall. Remove from service and scrap.

**Do**

- Do a Brake Function Test before each and every use.
- Do check all connectors are correctly attached and their respective gates properly closed.
- Do check the lanyard is always kept taut and never allowed to become slack.
- Do ensure there is sufficient space below the user for the device to deploy.
- Do ensure the anchorage point is directly above the user. Be aware of the dangers of a pendulum fall when using this type of fall arrest device.

**It is strongly recommended the user is trained in this device's use and practical/physical limitations.**

**Rescue Plan**

As part of your risk assessment you **MUST** have in place a rescue plan to deal with any emergency, which may occur during use. Access to the user, directly or indirectly and their safe retrieval is of paramount importance, including preparations for dealing with potential Post Fall Suspension Syncope

**Cleaning, Maintenance and Storage**

Wipe webbing with a damp cloth. If dirt is more engrained use hand warm water and a mild detergent, then rinse thoroughly and allow drying away from direct heat sources.

**Storage**

- In a cool and dry environment,
- With no direct heat or sunlight,
- Under no strain or pressure,
- Not subjected to undue dust or contaminates,
- Away from harmful chemicals or substances, Dry, In an appropriate bag, box or cabinet.

**Chemical Attack**

Avoid contact with any chemical, which might affect the performance of this product, e.g these include all acids and strong caustic substances (vehicle battery acid, bleach etc)

If subject to chemical attack, you must remove it from service and check with **P&P** for advice on the possible consequence of chemical degradation.

**Modifications and Repairs**

No repairs, modifications or alterations are to be carried out on this **P&P Auto Reel**

**Marking of PPE**

Textile products including webbing and rope **must not** be marked using ink or paint. Marker pens and paint will contaminate textile fibres leading to potential damage from material stiffening or even chemical attack.

Plastic or Metal casings of components **must not** be marked by stamping, etching or engraving. These processes may weaken the material or damage protective coatings.

**P&P** advise that if additional identification is required a tagging system (label or electronic) should be used that does not interfere in any way with the operation of equipment or devices. Contact **P&P** or your supplier for advice on additional labelling.

**Service Life**

The **P&P Auto Reel** has a maximum life span of 10 years from date of manufacture, provided it is correctly stored and maintained. However, if the device fails any inspection it **MUST** be destroyed. See the Statement of Obsolescence within this manual.

**Warning**

This **P&P Auto Reel** must be used by persons who are medically fit to do so. If you have any medical condition, are recovering from any medical condition or suffer from any physical or mental disability you must seek professional medical advice before using this system.

**Obsolescence**

Any item of Fall Protection Equipment manufactured by **P&P** with synthetic fibre components (webbing and/or rope) is subject to maximum life span of 10 years from date of manufacture, provided that the item has been correctly stored, maintained and subjected to regular recorded inspections by a trained and competent person. However, if the item fails any inspection, it **MUST** immediately be withdrawn from service and destroyed.

Keep these instructions or a copy with the **P&P Auto Reel** for future reference to assist with inspections and safety checks.