



USER INSTRUCTIONS

Adjustable Comfort Seat

Small

LS52S



Large

LS52L



Lyon Equipment Limited
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lyon.co.uk/user-instructions

For more detailed user information and to download a PDF copy of these instructions follow the link above or scan the QR code with your smart phone



This information to be read and kept in conjunction with the Lyon General User Instructions supplied with this product.

Quality assurance

Quality management system assessed and certified as meeting the requirements of ISO 9001.

Warning

The Adjustable Comfort Seat is not personal protective equipment. The Adjustable Comfort Seat must only be used when attached to a harness and must never be used alone!

It is not intended to reduce the effects, or remove the potential for suspension intolerance.

Nomenclature of parts

1. Seat suspension strap attachment points
2. Adjustment buckle
3. Side accessory loops
4. Central accessory loop

Use

The LS52 (size S or L) Adjustable Comfort Seat is intended to provide additional comfort to those working in a harness system for extended periods.

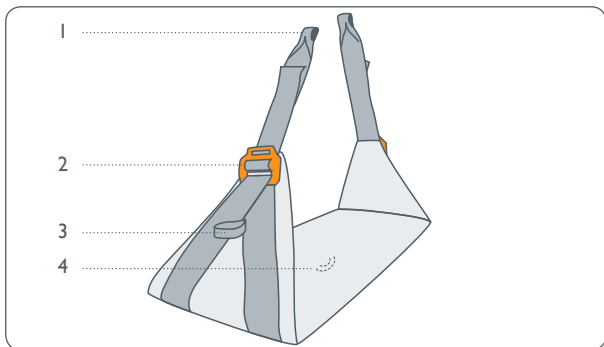
This product is not personal protective equipment. It must only be used by competent and responsible persons. Maximum rated load 120 kg.

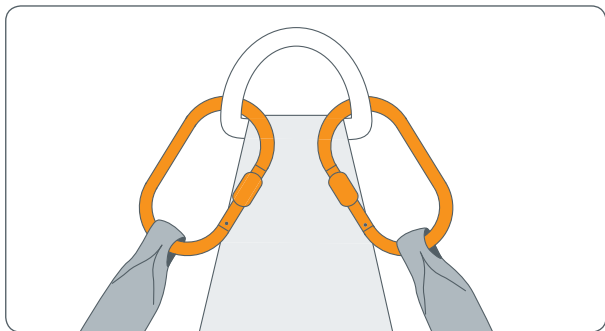
Check that this product is compatible with the other components of your equipment.

Preparing the Adjustable Comfort Seat for use

Check that this product is compatible with the other components of your equipment.

Ensure there is no risk of entanglement with other items of PPE which may make them inoperable.





Always carry out a pre-use check of the Adjustable Comfort Seat before each use (see inspection).

Attach a suitable EN 362 connector to each of the seat suspension strap attachment points.

Attach the Adjustable Comfort Seat to the harness in accordance with the user instructions supplied with the harness. The Adjustable Comfort Seat should be attached to the dedicated seat attachment points, or if these are not provided, the ventral attachment point of the harness, using the EN 362 connectors.

Ensure the connectors and Adjustable Comfort Seat do not interfere with the function or cause any damage to the harness.

Ensure the gates of connectors are secured and they do not touch or interfere with each other.

Adjustment

To adjust the seat suspension straps always remove the load first.

To shorten the suspension strap pull the free end of the strap upwards through the adjustment buckle.

To lengthen the strap feed the webbing back through the adjustment buckle. Ensure the buckle grips the webbing when the load is re-applied.

Note

It is recommended that the Adjustable Comfort Seat should be positioned directly under the top of the thigh. Positioning the Adjustable Comfort Seat further down the thigh can affect the stability of the user.

Positioning the Adjustable Comfort Seat for walking

Clip the central accessory loop on the Adjustable Comfort Seat to the rear of the harness belt using a suitable EN 362 connector.

Accessory loops

The accessory loops are designed to provide a convenient point to attach small items, e.g. knife, adjustable spanner. The maximum recommended load for individual loops is 5 kg. The accessory loops are not individually tested.

Inspection

Adjustable Comfort Seats should be subject to:

- Pre use checks
- Thorough inspections
- Interim inspections (as appropriate)

The checks should be undertaken in good light.

Buckles should be checked for any signs of wear, sharp edges, corrosion, deformity of defect.

Webbing should be checked for cuts, abrasion, burn marks, and signs of fading which may indicate UV damage or chemical contamination. Check stitching for broken, cut or worn threads. Check the buckles function correctly.

Any item showing any defect should be withdrawn from service immediately.

Lifetime

Adjustable Comfort Seats have a maximum lifetime of 10 years from date of manufacture.

Materials

Buckles are stainless steel.



45 mm webbing is polyester.

38 mm webbing is polypropylene.

Seat fabric is polyamide.

Seat insert is marine plywood.

Markings

	Manufacturer's logo
	Refer to user instructions
idN	Individual serial number will be in the format YYDDD 12345. The first two digits give the year of manufacture, the next three digits the day of the year from 001 to 365 and the five digits after is the number in the series
LS52x	Product code

End of document



General user instructions

Lyon Equipment Limited
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For more detailed user
information and to
download a PDF copy of
these instructions and a
Declaration of Conformity
follow the link above or
scan the QR code with
your smart phone



Notified body controlling manufacture (where applicable)

Where items of Personal Protective Equipment require an EU type examination in accordance with Personal Protective Equipment (EU) Regulation 2016/425, the body controlling the manufacture is: Notified body No. 0598 SGS Fimko Oy, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finland.

WARNING

Make sure that you have read and understood these instructions before using this equipment. These user instructions are to be read and kept along with any other user information provided.

Activities at height are hazardous and may lead to injury or death. It is the user's responsibility, at all times, to ensure that they understand the correct use of any equipment supplied by or through Lyon Equipment, use it only for the purposes for which it is designed, and practice proper safety procedures including having a rescue plan in case of emergency.

This product must not be used outside its limitations, or for any purpose other than those described in the user instructions. Misuses forbidden in these instructions are examples only; many other misuses may exist which could lead to injury or death.

Do not use combinations of items of equipment in which the safe function of any one item is affected or interferes with the safe function of another.

Please note, the information in these user instructions is not exhaustive, and is not a substitute for comprehensive instruction and training by a competent person.

Lyon Equipment is not responsible for any consequences, whether direct, indirect or accidental, resulting from the use of its products. If you are unsure about the correct use of this product, please contact us.

Who can use this equipment

This equipment should only be used by trained, competent and responsible persons, or the user should be under the direct supervision of a trained, competent and responsible person.

Activities at height should not be undertaken by persons affected by alcohol or drug dependence, diabetes, epilepsy, fits, blackouts, fear of heights, vertigo / dizziness / difficulty with balance, heart disease / chest pain, high or low blood pressure, impaired limb function, obesity, psychiatric illness, musculoskeletal issues, e.g. a bad back.

General instructions for use

Equipment must be checked before each use, to ensure it is serviceable and operates correctly. Checks should also be carried out during use. In addition, a thorough inspection by a competent inspector should be carried out in strict accordance with these user instructions, and a record kept of these inspections.

This product may be used with any compatible item of equipment, keeping in mind the limitations of each item in the safety chain. It should be noted that a full body harness is the only type of harness which may be used in a fall arrest system.

The anchor device or anchor point is of primary importance and should be unquestionably reliable. It should be strong enough to withstand the foreseeable maximum load that could be applied e.g. in the event of a fall.

When selecting an anchor, the anticipated directions of loading and potential loads should be taken into account.

Anchors should be selected and positioned to allow work to be carried out in such a way as to minimise the potential for a fall and potential fall distance, for example by keeping the anchor point / device above the user.

Anchors should not have sharp or rough edges which could damage equipment (use edge protection if necessary).

On each occasion of use, verify the free space required beneath the user in order to avoid an impact. Always try to place protection so that any fall will be stopped before the user hits the ground or any other obstruction. Remember to allow for rope stretch and slippage in the belay device or rope ascender / descender. In a fall arrest situation, the user must be protected from dynamic forces of greater than 6 kN in the event of a fall, e.g. by use of a fall arrest system incorporating an EN 355 energy absorber.

Maintaining your equipment

Wash in clean water not exceeding 30°C with pure soap and rinse in clean cold water. Do not use chemical products, solvents or detergents – these should be regarded as harmful.

Due to the difficulties in effectively disinfecting equipment, we recommend that any contaminated equipment should be withdrawn from use and disposed of in a suitable manner.

Equipment must be clean and dry before storing. Always allow to dry naturally, away from direct heat. Equipment should be stored in a cool, dry, well-ventilated area, away from excessive heat, high humidity, sharp edges, corrosives, sunlight or other sources of ultraviolet light (UV) and other possible causes of damage.

During transport, this product should be protected from abrasion, mechanical damage, chemical contamination, UV and heat.

Textiles

Always keep textile items at temperatures between -30°C and +50°C.

Metal items

Always keep metal items at temperatures between -20°C and +60°C.

No alterations, additions or repairs may be made to this product without the manufacturer's prior written consent; if done, the repair must be carried out by a competent person for repair authorised by Lyon Equipment to make the repair; and in accordance with specified procedures.

These instructions must be strictly adhered to.

Inspection

A thorough inspection should be carried out at least every 6 months by a competent inspector in accordance with these user instructions. A record of these checks should be kept with the product along with these user instructions. In addition, interim inspections should be carried out where products are used intensively, or in particularly harsh environments where damage is more likely to occur, or where legislation or the type of equipment make it necessary.

Pre-use and thorough inspections are essential because the user's level of protection depends on the continuing correct performance of this product.

PPE (Personal Protective Equipment) inspection training is available from Lyon Equipment.

Lifetime, and when to withdraw your equipment from use

Withdraw your equipment from use if any one of the following applies:

- It shows sign of wear and tear / damage that may affect performance
- Markings on the product are no longer legible
- You suspect it may have been exposed to chemical contamination or extreme temperatures
- It fails a periodic examination
- It has been used to arrest a fall or has been excessively loaded
- It is more than 10 years after the date of manufacture (textile items or items with textile components). Metal items have a potentially indefinite lifespan if stored correctly.
- If you have any reason to doubt that it is safe to use.

It is the responsibility of the competent inspector to decide whether the equipment should be put back into use, or permanently withdrawn from use. Equipment permanently withdrawn from use must be destroyed, and should be recycled where facilities exist.

Certain environmental elements will considerably accelerate wear: salt, sand, dust, snow, ice, moisture, chemicals, sunlight (UV radiation) – list not exhaustive.

Warning: the safe working life of this product may be as short as its first use in extreme circumstances.

If in doubt, do not hesitate to scrap this product.

Guarantee

In the event of any defect in materials or workmanship please return the product to the dealer, distributor or manufacturer within 3 years of purchase for inspection. We will replace or repair as required. This guarantee does not cover normal wear and tear or accidental damage.

Note to resellers

If the product is re-sold outside the UK and Eire, but within the EU, the reseller is responsible for providing instructions for use, maintenance, periodic examination and for repair in the language of the country in which the product is to be used.

If you require the Intrastat commodity code / customs tariff code or NATO stock number (where applicable) for this product, please contact us via lyon.co.uk

Inspection records







A record must be kept for each component, subsystem and system, including name and contact details of the manufacturer or supplier, product description, serial number, year of manufacture, date of purchase, date of first use, any other relevant information, and history of periodic examinations and repairs, the name and signature of

the competent inspector and the next due date for inspection. An example of a suitable equipment record is shown on this user instruction and can also be downloaded at lyon.co.uk

Local jurisdiction may dictate that extra information be recorded in the inspection record – check your country's legal requirements. Some products may have features which need special monitoring during periodic inspections, e.g. wear indicators, in which case this information should also be recorded on the inspection record.

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Explanation of symbols

	Refer to user instructions
	Permitted use
	Caution
	Danger of death
	Telephone number
	Anchor point
	Rope diameter
	Cable
	SWL (Safe Working Load)

Lyon Product Inspection Record

Product code		Product description Individual serial number	Year of manufacture Date of first use	Purchase date	
Length if applicable				Certificate of conformity number	
Manufacturer Lyon Equipment Ltd.	Address Unit 3-7 Tebay Business Park Old Tebay Penrith CA10 3SS UK		Tel. +44 (0)15396 24040 Fax. +44 (0)15396 26330 info@lyon.co.uk lyon.co.uk		
Record of inspection and repair					

Date	Comments	Name and signature of competent inspector	Next due date

All user instructions supplied with this product must be kept as part of the product inspection record