INSTRUCTION FOR USE –FULL BODY HARNESS OF A5

TYPE HH-9592

WARNING

○Activities involving the use of this equipment are inherently dangerous and can lead to severe injury or even death. You must be responsible for your actions and decisions.

○Read and understand the instructions before use. Before using this product, it is essential to have got adequate training, understood and mastered the basics and techniques.

○This product must not be used beyond its limits, nor be used for any purpose other than for which it is designed.

If you have any doubts or difficulties in understanding this manual, please contact XINDA.

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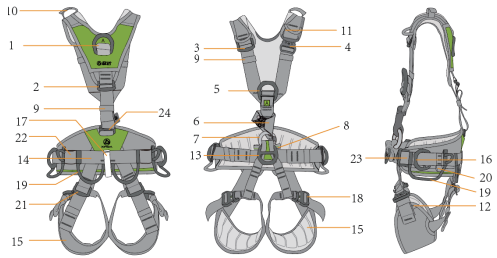
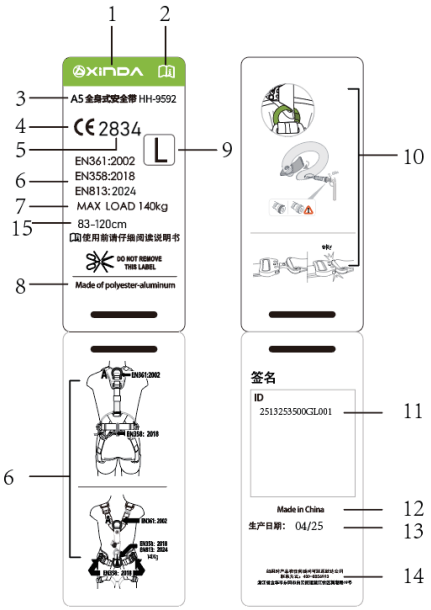
NOMENCLATURE



Number	Name
1	Dorsal attachment point
2	Rear、dorsa、point、adjustment、buckle
3	Front、shoulder、strap、adjustment、buckle
4	Shoulder、strap、adjustment、buckle
5	Sternal attachment point
6	Ventral rope clamp
7	Metal O-ring

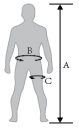
Number	Name
8	Seat attachment points
9	Elastic keepers for straps
10	Velcro keeper
11	Fall-arrest、lanyard、connector parking
12	Label with marking
13	Ventral attachment point
14	Waistbelt strap
15	Leg loops
16	Side attachment points
17	Rear、restraint、attachment、point
18	Quick buckles for leg loops
19	Equipment loops
20	Loops for tool pouch
21	adjustment buckles for leg、loop-waistbelt linking strap
22	Loops for tool holder
23	Waistbelt、adjustment buckle
24	Buckle

MARKING



1. XINDA Brand name
2. Logo to remind the user to read the instructions
3.Model number
4. CE In compliance with European legislation regulation(EU) 2016/425
5. 2834 The number of the notified body carries out product quality
6.European used standards
7.Maximum load
8. Material
9.Size information
10.Diagram showing correct way to connect other elements
11. Tracking code
12. MADE IN CHINA Place of origin is China
13.Month and year of production
14.Manufacturer Information
15.Size range of the waist belt

SIZE:

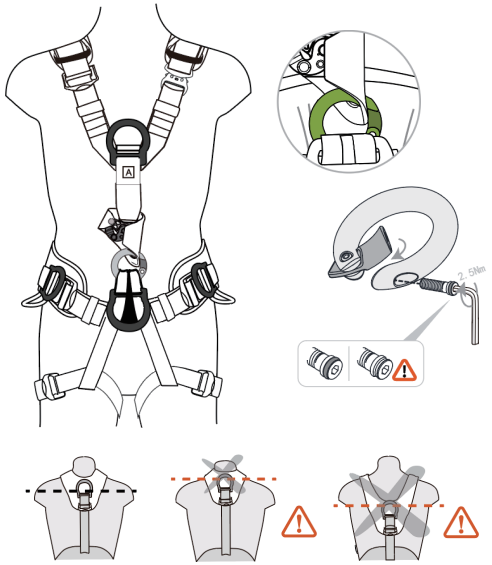


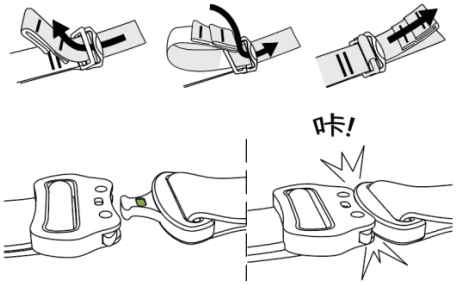
尺码	认证标准	A（cm）	B（cm）	C（cm）
M	EN361:2002 EN358:2018 EN813:2024	165-185cm	70-93cm	47-62cm
L		175-200cm	83-120cm	50-65cm

HOW TO WEAR AND SET UP YOUR HARNESS:

Any work at height requires the use of personal

protective equipment(PPE) as protection against the risk of a fall. Before accessing the work station, all the risk factors must be evaluated.





INITIAL ADJUSTMENT OF THE DORSAL ATTACHMENT POINT

Make sure that the upper body harness connection is stretched straight(Fig.1) and the connector is properly closed(Fig.2); Adjust the belt by the buckles(Fig.3) , so that it can perfectly adhere to the body, without being too tight. Adjust the position of the dorsal attachment point to suit yourself: position it at the level of the shoulder blades(Fig.4).

Warning: adjustment of the leg loop-waistbelt linking straps is important if you use the dorsal point.

Adjust the leg loops by the buckles, so that a hand can pass between the leg loop and the leg of the user. Fold away any access webbing in the appropriate loops.

EN 361:2002. The full body harness is made of polyester and aluminum and complies with EN361 standard and the tests were carried out and passed using a 140kg dummy.

Attachment element, sternal or dorsal is used for safe connection connection of the full body harness to a rescue or fall arrest system(see fig.1-4 for how to wear the full body harness properly). Any individual connection elements which are used must compy with EN362 and are to be fastened to these(Element “A”).These connection elements, sternal or dorsal , are indicated by the letter A, and they are intended to connect a fall arrester provided for the EN 363(for example: energy absorber, guided type fall arrester, etc) or to a rescue system. A full body harness against falls from a height is a component of a fall arrest system, and it must be used in combination with anchorages EN 795, shock absorbers EN 355, connectors EN 362 etc. Attention! Please check the value of the clearance distance of below the feet of the user in order to aviod collision with the structure or sround in a fall from height.

Only anchor points that comply with the EN 795 standard can be used (minimum strength 12kN or 18kN for non-metallic anchors) that do not have sharp edges.

EN 358:2018. The belt is approved for use by a user of 150kg, tools and equipment included. These side connection elements are intended to be used for the positioning of the user at the work place. Use them to connect a positioning lanyard. Make sure that it is possible to work in a comfortable way. Adjust the positioning lanyard in such a way that it is in tension; that the anchor point is at a height equal to or greater than the height of the waist belt. Attention! Connection elements EN 358 are not suitable to arrest a fall. A work positioning belt should not be used where the foreseeable risk of the user being suspended

from the belt or exposed to an involuntary tension through the belt itself exists. It is essential to regularly check fastening and adjustment elements during use. Using a work positioning system, the user is normally supported by the equipment. As a consequence, it is essential to consider using a back system such as a fall protection system. The two lateral attachment elements must always be used together, by linking them with a positioning lanyard. The attachment points must always be above or at hip height!

EN 813:2024. Maximum rated load: 150kg.

Main material: polyester and aluminum.This element for ventral connection is intended to be used for restraint, work positioning and rope access systems. Use it for connection with a restraint or positioning lanyard, descenders etc. The user should carry out a comfort and adjustability test in a safe place to ensure that the sit harness is the correct size, has sufficient adjustment and is of an acceptable comfort level for the intended use. Suspension trauma may occur in any individual as a result of inert suspension in a harness and the comfort of the harness is an important factor in causing this type of trauma. The user should read and understand the information supplied by the manufacturer before using the sit harness. Attention! The connection element EN 813 is not suitable to arrest a fall. It is essential to consider the need of using a back-up,e.g. A fall arrest system

Warning! It is highly important to check fastening and adjustment elements regularly. Gear loops are to be used only to hang materials. Do not use for other purposes(fastening, letting down etc.). Maximum load 10kg(Fig.5).

APPLICATION:

Work harness belongs to PPE (personal protective equipment) which is designed for work at height and rope access, etc.

This product is compliant with EN 361:2002, EN 358:2018, EN 813:2024 **and REGULATION (EU) 2016/425.**

Notified body which carries out EU certification and product quality management according to Module D:

Notified body:NO 2834:CCQS, Block 1 Blanchardstown Corporate Park, Ballycoolin Road, Blanchardstown, Dublin15, D15 AKK1, Ireland

Please check the CE declaration on: www.xindasafety.com.

Acceptable temperature: -20℃~60℃(Fig.6).

SAFETY CHECK

Before each use:

Check if the webbing at the tie-in points, belay loops, adjustment buckles and stitching are in good condition. Check the wear on the bridge: when you see grey fabric, retire your harness. Pay attention to cuts, wear, swelling, damage and uncut threads. Make sure that the adjustment buckles work properly.

Note: The wear of the coated surface will accelerate the process of oxidation and corrosion.

The user should carry out a suspension test in a safe place to ensure that the harness is the correct size, has sufficient adjustment and is of an acceptable comfort level for the intended use.

During each use:

Verify that the adjustment buckles are securely tightened. It is of high importance to regularly monitor the condition of the product and its connections to the other equipment in the system. Verify that all of the equipment in the system are correctly positioned with respect to each other.

A record must be kept for each component, subsystem and system and should contain headings for and spaces to allow entry of the following details(refer to the chart):

EQUIPMENT RECORD					
Product:H5 Descender,					
Model&type/identification type HH-9552	Trade name XINDA	Identification number HH-9552			
Manufacturer XINDA	Address China	Tel, fax, email and website +86 400-8856993 info@xindaoutdoor.com www.xindasafety.com			
Year of manufacture/life expiry date		Purchase date	Date first put into use		
Other relevant information(e.g. document number)					
PERIODIC EXAMINATION AND REPAIR HISTORY					
Date	Inspections	Reason for entry (periodic examination or repair)	Defects noted, repairs carried out and other relevant information	Name and signature of competent person	Periodic examination next due date

COMPATIBILITY :

Make sure that this product is compatible with other elements of the system in your application(compatible=good functional interaction), otherwise it it dangerous.

◯The user's health and body condition must be fit for working at height. Unconscious suspension at height can lead to severe injury or even death. Ensure that a rescue procedure is in place.

◯In a safety system, the weakest component determines the strength of the whole system.

◯Avoid that the rope and other braided fabric rub against sharp edges or rough surfaces.

◯A risk assessment is needed and protection measures should be taken before use.

◯Working at height alone might be dangerous and you should have a rescue plan and the means to implement it in case of encountered difficulties.

LIFE SPAN, REGULAR INSPECTION AND RETIREMENT:

◯No storage limit for the metal in the proper environment; the plastic and textile parts of the equipment can be stored up to 10 years. The equipment may need to be retired only after one use because of misuse, accidents or compatibility problems.

The practical lifespan depends on the type and intensity of usage, harsh environment(marine environment, extreme temperatures, sand and mud etc). Equipment check has great effect on the lifespan. The effect of electrical conductivity, cutting, UV degradation or other climatic conditions will reduce the lifespan and weaken the

performance. The greater the intensity of use, the more checks you need. Warning: Long time exposure to ultraviolet ray may affect the strength of fabric equipment such as harnesses.

INSPECTIONS FOR THE HARNESS INCLUDED:

-Check if the products are free of corrosion, melting, cracks, wear, deformation or stain;

-Check if the markings are illegible;

-It is essential for regular periodic examinations and the safety of users depends upon the continued efficiency and durability of the equipment.

-The periodic examination frequency shall be at least every 12 months.

-Periodic examinations are only to be conducted by a competent person and must be in accordance with the manufacturer's procedures.

-Safety critical knowledge is needed in the dismantling, reassembly or assessment of the equipment.

You should maintain or retire the equipment, or hand to the manufacturer for further inspection when the results are negative .

WHEN TO RETIRE YOUR EQUIPMENT:

-You don't know its usage history;

-You doubt about its performance, strength or safety;

-It fails to pass PPE inspection;

-Malfunctions are found;

-It fails to meet updated regulations or standards;

-It has been subjected to a major fall or load;

-It has been used to arrest a fall.

HOW TO RETIRE YOUR HARNESS:

Mark it with irremovable labels or destroy it as to prevent further use. Or return it to the manufacturer for disposal.

RESPONSIBILITIES:

◯You are responsible for your actions and decisions. If you can not take the responsibilities, don't use it.

◯Only qualified person or one under supervision of a competent and experienced person can use this product.

◯You must take training course including theory and practice, basics for working at height, proper ways to use and relevant safety system knowledge before use.

◯When it is resold to other countries or regions, the instruction manual must be made in local languages.

◯XINDA is not responsible for any direct or indirect non-quality induced consequences.

Packaging, Storage and transport of the harness:

Manufacturers shall take all reasonable care to ensure that the equipment is sufficiently packaged to prevent damage and deterioration during transportation.

Remaining fluid and other stain on metal equipment must be rinsed and dried and then stored in a dry and cool environment. The equipment must not come into contact with abrasion, load, chemicals, sharp edges, or heat source etc as those are inherently harmful. . The equipment(including metal and textile parts) must be specially stored in the container and transported in compliance with storage requirements. The use and storage of the product is suggested to be taken care of by accountable people.

Note: Inappropriate storage will likely shorten the lifespan of the product and accelerate the aging process.

MAINTENANCE OF THE HARNESS:

Proper maintenance and storage can extend the lifespan of the equipment and also guarantee the user's safety.

-Cleaning: Use clean water(20℃) and soft brush to rinse the external and internal of the product. No high-pressure water. No industrial-grade cleansers. Rinse afterwards and dry it naturally. No heat drying.

-The detergent with adverse effects can not be used for cleaning or disinfection.

Warning: No modification, alternation or improper maintenance is allowed and any repair shall only be carried out in accordance with manufacturer's procedures.

TRACEABILITY:

The code is used for product tracing.

Meaning: For instance, 18096500J47: 18 096: Manufactured on the 96th day of 2018; 500J: Batch and quality inspection; 47: Product increment.

LIMITED WARRANTY:

XINDA provides a 3-year warranty against any material or manufacturing defects. Exclusions: normal wear and tear, deformation, oxidation, modifications or alterations, misuses, incorrect storage, poor maintenance , uses for which this product is not designed.