

FALL PROTECTION



09

Belt Harness

Material : Polyester

Weight (kgs) : 1.200

Attachment : Adjustable dorsal high strength forged D-Ring. Textile Loops, Combination Buckle and Parachute Buckle for easy handling for the user and maximum comfort at all time.

Specification : Adjustable shoulder & thigh strap.

Two front textile loops for fall arrest.

44 mm Polyester Webbing with Min. Breaking Strength 22 kN. Automatic Stitching Pattern with strength. Finished Webbing Ends.

Certification : Conforms to EN 361:2002

Speciality : USP-26 has two front chest attachment textile loops for fall arrest . Special design & high resistant polyethylene Back Plate for holding D-Ring even after the fall. The combination buckles on this harness makes it the perfect choice for protection.



USP26

Full Body Harness

Material : Polyester

Weight (kgs) : 2.350

Attachment : Two lateral D-Ring for work positioning, one Sternal D-ring for fall arrest & one Ventral D-Ring for rescue.

Quick Release Automatic Buckle, Combination Buckle and Parachute Buckle for easy handling for the user and maximum comfort at all time. Adjustable dorsal high strength forged D-ring.

Specification : Fully adjustable with comfort padded waist belt, thigh strap and Shoulder Strap.

Three colour scheme for differentiation.

Special design & high resistant polyethylene Back Plate for holding D-Ring even after the fall.

44 mm Polyester Webbing with Min. Breaking Strength 22 kN.

Automatic stitching Pattern with strength.

Metal type chest strap with easy handling.

Finished webbing ends with web holder.

Certification : Conforms to EN 361:2002 , EN 358:1999

& EN 813:2008



USP160A

Retractable Fall Arrester Block

- Casing made up of high impact strength Polymer, to prevent damage
- and is nearly indestructible.
- 4 Comes in Galvanized Steel Wire Rope of dia 4.5 mm.
- 4 Has USP-H11 Hook with Load Indicator at attachment end.
- 4 Anchorage Eye with swivel action. Prevents undue twist of
- rope while working or in the event of a Fall.
- 4 Minimum Breaking Strength is 12kN.
- 4 Conforms to EN 360:2002.

Model	Length of Wire Rope
USP-16000(10)	10 mtr



Wire Rope Retractable Fall Arrest Block

- 4 Casing made up of high impact strength Polymer, to prevent damage
- and is nearly indestructible.
- 4 Comes in Galvanized Steel Wire Rope of dia 4.5 mm.
- 4 Has USP-H11 Hook with Load Indicator at attachment end.
- 4 Anchorage Eye with swivel action. Prevents undue twist of
- rope while working or in the event of a Fall.
- 4 Minimum Breaking Strength is 12kN.
- 4 Conforms to EN 360:2002, Certified by SATRA CE 0120.

Model	Length of Wire Rope
UT-9420-20	10 mtr



Vertical Lifeline System

Vertical life line system is an integrated solution to assist the fall of a user who has to constantly move up and down a ladder. It consists of a vertical anchorage line made of stainless steel wire rope, installed on a ladder using an appropriate mounting bracket at the top to two ladder rungs.

A stainless steel rope grab moves up & down and connected to this rope grab with the help of a karabiner. A screw type mechanical tensioner is provided at the end of the anchorage line at the bottom, connecting to the lower mounting bracket to maintain the tension & rigidity in the anchorage line.

Intermediates are provided at intervals to prevent the anchorage line from mechanical movement and wind pressure.

One stainless steel plate is used to fasten the system structure at the time of installation, the relevant detail and revalidation details are provided on the plate by a number punched. The system also has an inspection plate which is installed on rung of the ladder for the identification, traceability and maintenance of inspection records.

It is easy and simple to install the system with minimum effort for installation. Connection of the wire rope at the 2 ends to the extremity a tensioner, making the installation simple, easy and avoid use of specialized machinery.

Product Specification

- System is made of SS 316 Grade Stainless Steel.
- Brackets are designed for ladder rungs but can be easily adapted to most structures.
- Note : System must be used only with VL-50 Rope Grab
- Length : From 3mt to desired length
- Conform to : EN 353-1:2014

System Components

- VL-40A Top Anchorage Bracket
- VL-40B Bottom Anchorage Bracket
- VL-65 Turnbuckle
- VL-60 Rope Guide
- VL-60C Rope Guide
- VL-30 Wire Rope

VL-50 Wire Rope Grab With Shock Absorber

- Made of 316 Stainless Steel.
- It is secured with a USP-H7 carabiner.
- Use of non-authorized carabiner can cause fatal accidents.
- The user is free to climb and descend with full use of the hands.
- Conform to : EN 353-1:2014

USP-1000

CE 0511



VERTICAL LIFELINE SYSTEM

CE 0511



USP-1000



USP-1000 Vertical Lifeline

- System is made of SS 316 Grade Stainless Steel.
- Brackets are designed for ladder rungs but can be easily adapted to most structures.
- Sold as complete system.

System Components

- VL-40A Top Anchorage Bracket
- VL-40B Bottom anchorage Bracket
- VL-65 Turnbuckle
- VL-60 Rope Guide
- VL-60C Rope Guide
- VL-30 Wire Rope

Note : System must be used only with VL-50 Rope Grab

Length : From 3mt to desired length

Conform to : EN 353-1:2014

VL-50

WIRE ROPE GRAB WITH SHOCK ABSORBER

- Made of 316 Stainless Steel. It is secured with a H6/AB carabiner. Use of non-authorized carabiner can cause fatal accidents.
- The user is free to climb and descend with full use of the hands.

Conform to : EN 353-1:2014

Horizontal Lifeline System (Over The Roof)

Horizontal Line provide permanent anchorage to a user who has to constantly move along in horizontal track. It is attached with 08 MM SS 316 wire rope all along the horizontal track it is installed at the ends using roof top anchor post Extremity. Roof top intermediate post hold the wire rope in position all along the length of life line.

Intermediates are installed at an interval of 5 to 15Mtr. distance. Wire rope maintains the tension with the help of tensioner at one end and has a Swag less termination on the other end.

Stainless steel Horizontal skater connects the user to the life line with the help of a lanyard and runs smoothly without any interruption along the entire length of the Horizontal life line and also through the intermediate post its ensuring 100% anchorage of the user at all time.

The line also has a Shock absorber at one end which reduces the impact on the user as well as on the extreme ends of the system. The system is versatile and it can be easily installed on any building roof.



Conforms to EN 795:2012 Type C,
TS 16415:2013

USP-11000



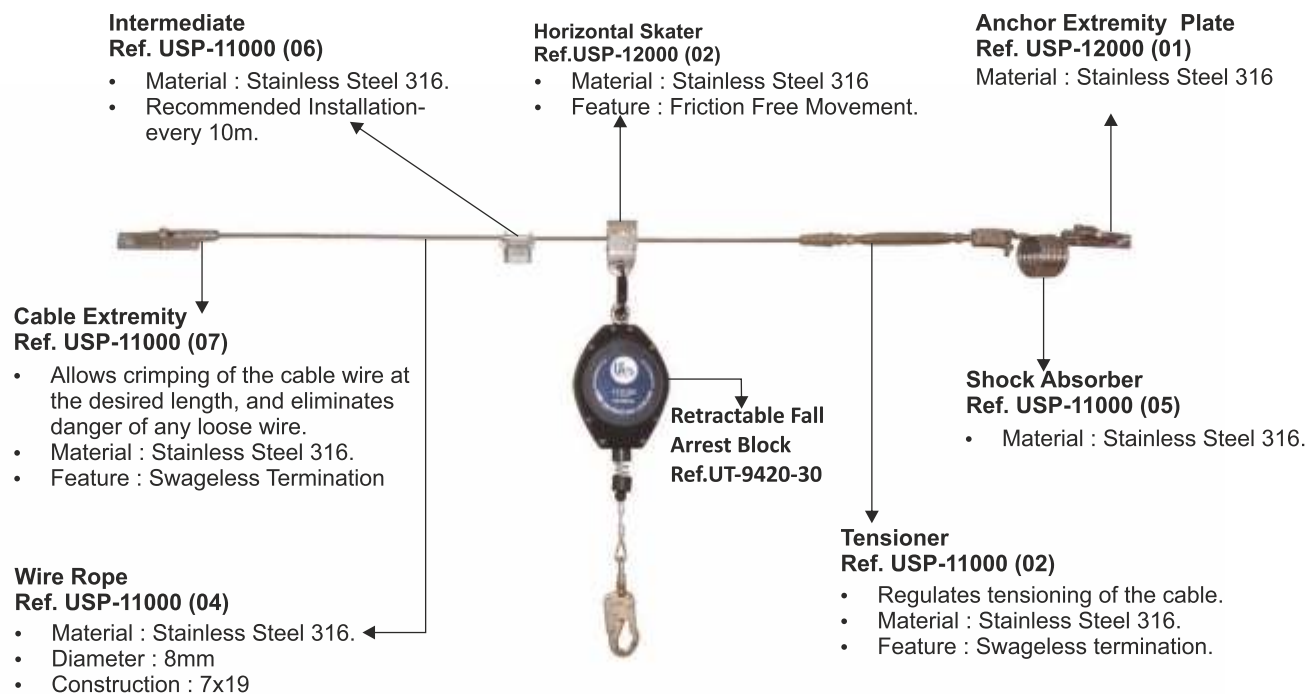
Horizontal Lifeline System USP 12000 (Over The Head)

Horizontal Line provide permanent anchorage to a user who has to constantly move along in horizontal track. It is attached with 08 MM SS 316 wire rope all along the horizontal track it is installed at the ends using roof top anchor post Extremity. Roof top intermediate post hold the wire rope in position all along the length of life line.

Intermediates are installed at an interval of 5 to 15Mtr. distance. Wire rope maintains the tension with the help of tensioner at one end and has a Swag less termination on the other end.

Stainless steel Horizontal skater connects the user to the life line with the help of a lanyard and runs smoothly without any interruption along the entire length of the Horizontal life line and also through the intermediate post its ensuring 100% anchorage of the user at all time.

The line also has a Shock absorber at one end which reduces the impact on the user as well as on the extreme ends of the system. The system is versatile and uniquely designed to be installed on walls and ceilings.



USP-12000

Safety Roof Top Ladder



THE ROOF TOP LADDER SET COMPRISES OF FOLLOWING

• Ladder 3m in length	03 no
• Half ladder 1.5m in length	01 no
• Working platform 0.6 length	03 no
• Quick action clamps	20 no
• Elevating pads	15 no
• Safety belt complete with pouch 3m lifeline screw hook	01 no
• Key	28 no

Safety Roof Top Ladder

Scientifically designed for complete safety of workers working on fragile roof

- **QUICK ACTION CLAMPS:** This is an important device to use when the "j" belt is rusted is jammed with tar. This will help hold firmly & quickly the whole system
- **ELEVATING PADS :** To be used when excessively inclined roofs this pad gives inclination effect which will keep the ladder straight and person can walk easily.
- **CUSHIONING PAD :** This has a revolving mechanism helping the user to make the ladder vertical or horizontal. Also has the "j" bolt holding Holes to grip the whole ladder.
- **SAFETY BELT WITH POUCH:** This is an important PPE must be used by workman while on the job at height small pouch allows user to keep necessary tools. The belt should be anchored at strong holding point.
- **LADDER 3M IN LENGTH:** Consist of 12 strong FRP steps at equal distance with 5 fixed rubber busing at each side for strong and cushioning Effect and 4 movable adjustable cushioning rubber Padded for movement and fixing on "j" bolts.
- **HALF LADDER 1.5M IN LENGTH:** Consist of 6 strong FRP steps at equal Distance and 2 fixed rubber busing and each Side for strong and cushioning effect and 2 Movable adjustable cushioning rubber padded for easy movement and fixing on "j" bolts.
- **WORKING PLATFORMS 0.6 LENGTH:** Ideal for seating and working for Longer period. Has 3 strong FRP Steps and 4 fixed padding which This can be fixed on "j" bolts.

INSTRUCTION TO USE

- Wear safety belt helmet and gloves and arrange a stationery ladder to climb up on roof.
- Anchor safety belt on strong parling.
- Take 0.6 ladder at top fixed on a nearest "j" bolt with help of washer and nut or by quick
- Clamp on a working platform shift all the ladder on top arrange the way you need
- Use elevating pad when the slope is excessively inclined.
- When you have to work horizontally pull red pad and turn the pad horizontally turn all pad and refit on the roof you will be able to go horizontally
- Adjust and fit the red pads on the "j" bolt and then tight the j bolt with WASHER AN
- Nutt or quick clamb. And also tight the rubber pad on aluminium with the help of nut provided with all pads.
- Quick look helps you when the j bolt is rusted or over coated with tar.
- It is advisable to use steel rope on the apex to hold safety belt in line.



Confined Space Entry Kit with Tripod

UFS 7 Feet Tripod

- Fully adjustable telescopic legs, adjustable height from 1.15m to 2.15m.
- Wheelbase (Footprint): 1.5 m diameter.
- Weight : 13 kg.
- Maximum load capacity : 500kg
- Tripod Head : Robust Aluminium Alloy cast head with two integral pulleys for smooth operation of the Winch.
- Stainless Steel Eye Bolts : Tested to sustain a force of more than 12 kN static force as per EN 795 CLASS B.
- Telescopic Legs : Fully Adjustable Aluminium Telescopic Legs for use on level surfaces.
- Sturdy Rubber Shoes : Sturdy Rubber Shoes provided With High Abrasion Resistant Sole to increase friction and impart more stability to the Tripod



USP-TP700

UFS Winch

- UFS 20 Mtr. Winch with Galvanized Steel Wire Rope of dia 4.5mm.
- Winch-Galvanized Steel wire rope of dia 4.5mm
- Length of cable-20mtrs
- Connector-Steel screw locking karabiner USP-H9
- Compatibility-Can be mounted on Tripods with the help of their fastener
- Compliance-EN 1496:2017 (Class A)



USP-WN720



Maintenance & Window Cleaning Kit

Rope Grab Fall Arrester

Material	: Alloy Steel
Min. Breaking Load	: 3372 lbs/ 15 kN
Conforms to	: EN 353-2:2002
Net Weight	: 913 gm
Finish	: Yellow Zinc, Silver Zinc
Galvanized (Use 14mm, 16mm Diameter of Polyamide twisted Rope)	



USP-777N

Carabiner

Material	: Alloy Steel
Min. Breaking Load	: 5000 lbs/ 23 kN
Conforms to	: EN 362 : 2004
Net Weight	: 150 gm.
Finish	: Yellow Zinc, Silver Zinc
Galvanized	
Gate Opening	: 18mm



USP-H6

Anchorage Webbing Sling

Made up of	: 44 / 32mm wide Polyester Webbing
Length	: 1.2m or as requested
Having a D-ring	: at one end and other end one Karabiner
Conforms to	: EN 795: 2012



USP-902

Polyamide Anchorage Line

Polyamide	: Anchorage Line
Conforms to	: EN:1891
Length available	: As per Client request



USP-710 (TR)

Maintenance & Window Cleaning Kit

Polyamide Anchorage Line

Polyamide	:	Anchorage Line
Conforms to	:	EN:1891
Length available	:	As per Client request



USP-710 (KR)

Lory

Material	:	Aluminum alloy , Stain less Steel
Conforms to	:	EN 12841-c and EN 341-Class A
Color	:	Black Body
Weight	:	365g (12.9 oz)
Diameter of Rope	:	10mm, 12mm Kernamental Rope
Finish	:	Powder Coated and Electro Polish



USP-DC01

Waist Belt

- Fully adjustable with comfort padded waist belt, thigh strap and Shoulder Strap.
- 44 mm Polyester Webbing with Min. Breaking Strength 22 kN.
- Automatic stitching pattern with strength
- Metal type chest strap with easy handling.
- Adjustable dorsal high strength forged D-ring.
- Two lateral D-Rings for work positioning, one sternal D-Ring for fall arrest & one ventral D-Ring for rescue.
- Finished webbing ends with web holder.
- Special design & high resistant polyethylene Back Plate for holding D-Ring even the fall.
- Conforms to : EN 361:2002, EN 358, EN 813



USP-160

Rescue Kit

Work Positioning Lanyard

- Made of 12mm dia Polyester three strand Twisted Rope
- Has a convenient Rope length adjuster for an easy length adjustment.
- Maximum length of 2.0mtr.
- Easy to connect Steel Karabiners H6 at both the free ends for attachment.
- Conforms to : EN 358:2000



USP-702

Rope Lanyard

- Rope Lanyards depicted in this section are made of 12mm three strand Polyamide Rope.
- These Lanyards are available in the length varying from 1.0 m to 2.0 m.
- The spliced ends of the ropes are protected with transparent sleeves and the loops are protected by plastic thimbles.
- Conforms to : EN 354: 2010



USP-205

Anchorage Webbing Sling

- Made up of 44 / 32mm wide Polyester Webbing.
- Length : 1.2m or as requested.
- Having a D-ring at both the ends textile loop at the other end.
- Conforms to : EN 795: 2012



USP-901

Forked Lanyard

- Twin Legged Energy Absorbing Lanyard consisting of a 12mm diameter Polyamide Rope Lanyard and a Polyester Energy Absorber
- The Lanyard terminates at one end with a steel karabiner and steel scaffold Hooks at the other ends.
- Length available : 1.5mtrs, 1.8mtrs & 2.0mtrs.
- Conforms to : EN 355: 2002



USP-855

Safety Net

Product Specification

- Udyogi Brand Safety Net :Size – 5 Mtr. X 10 Mtr
- Rope material:- Polypropylene
- Mesh size: 40 mm x 40 mm
- 2 mm Double cord safety net
- Mesh rope: 2 mm diameter double cord
- Border rope: 12 mm diameter PP rope
- Tie rope 12 mm diameter, PP rope of 2 metres length at every 1.5 metre interval
- Standard: ISI marked rope conforming to IS 5175 of 1992



SN002
DOUBLE CORD

Overlay Safety Net

Product Specification

- Udyogi Brand Overlay Safety Net Size – 5 X 10 Mtr
- •Rope material:- Polypropylene
- •Mesh size: 100 mm x 100 mm
- •Mesh rope: 4 mm diameter PP rope
- •Border rope: 12 mm diameter PP rope
- •Overlay net, Containment net of 1 mm diameter twin, mesh size 15-22 mm
- •Tie rope 12 mm diameter, PP rope of 2 metres length at every 1.5 metre interval
- •Standard: ISI marked? rope conforming to IS 5175 of 1992




SN003
OVERLAY NET 4MM





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download catalogues

MARK SAFETY APPLIANCES

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