FALL PROTECTION & RESCUE · PREMIUM & SPECIALISED (HSE-MANDATED)

Horizontal Lifelines & Engineered Anchors

Horizontal lifelines are tensioned webbing or cable systems fixed between two or more anchors that let workers connect their harness and move along a roof, beam or deck while remaining protected from falls.

TECHNICAL SPECIFICATIONS	
Standards	EN 795:2012 Type B and Type C; CEN/TS 16415:2013 for multi-user; ANSI Z359.18 on selected anchors
Line material	Polyester webbing 35 mm or galvanised steel cable 8 mm
Span length	Up to 20 m single span temporary; longer with intermediate brackets
Number of users	Typically 2 users per temporary system; permanent systems per engineering design
Minimum static strength	12 kN per user as tested; anchors rated 12–22 kN
Beam clamp range	75–360 mm flange width, 24 mm maximum flange thickness
Material	Galvanised or powder-coated steel, forged alloy connectors
Packaging	Each kit in carry bag with tensioner, two anchor slings, manual and inspection record

Key features

- Temporary HLL kits tested to EN 795:2012 Type C with EN 16415 rating for two users
- Polyester webbing 35 mm or 8 mm galvanised cable with integral shock absorber
- Ratchet tensioner gives correct pre-tension without tools; spans up to 20 m per section
- Beam clamps adjustable for flanges from 75 mm to 360 mm with EN 795 Type B marking
- Anchor slings in webbing or steel cable rated 22 kN minimum breaking strength
- Tripod anchors and door jamb anchors for confined-space and interior openings

Variants available

- Temporary webbing HLL kit 20 m
- Temporary cable HLL kit with tensioner
- Sliding beam anchor clamp
- Fixed beam clamp anchor point
- Webbing and wire anchor slings 1–2 m
- Confined-space tripod anchor

TYPICAL APPLICATIONS	
Construction	roof sheeting, cladding and precast installation on steel and concrete frames
Oil & gas	pipe rack and pipe bridge maintenance at refineries, gas plants and tank farms
Solar	module installation along tracker rows and carport structures
Industrial	overhead crane and conveyor gantry maintenance in factories and cement plants
Logistics	flatbed trailer and tanker top access in loading yards
Facilities	roof-top HVAC and water tank maintenance on commercial buildings

COMPLIANCE, BRANDS AND SELECTION

Compliance (UAE / GCC)

UAE regulators including Dubai Municipality and Abu Dhabi OSHAD require fall protection systems to be designed, installed and inspected by competent persons, with temporary HLLs installed strictly to the manufacturer's manual. Anchor points must be certified to EN 795 or ANSI Z359.18 and buyers typically request the EU type-examination certificate. Permanent lifelines on buildings and plants are generally subject to engineering sign-off and periodic load testing under Dubai Municipality and Trakhees guidance.

Brands we supply

3M DBI-SALA, Honeywell Miller, MSA Latchways, Petzl, Kratos Safety, Karam

How to choose

1. Confirm end-anchor structures can take the lifeline end loads, which can exceed 20 kN for two users with low sag
2. Choose cable lines for hot-work areas, abrasive edges and permanent installations; webbing for quick temporary use
3. Check fall clearance including line sag, lanyard length and harness stretch against the manufacturer's tables
4. Select beam clamps sized for the actual flange width and confirm orientation for sliding or fixed use

Request a quotation

Send quantity, sizes and delivery location. We reply with an itemised quotation and certificates within one working day.

WhatsApp / call +971 54 541 4145 · faizal@albarakaservices.com

Product page: albarakaservices.com/products/safety-products/horizontal-lifelines-anchors/

Typical specifications for this product class, compiled by Al Baraka Diyar for quotation and tender preparation. This is not a manufacturer datasheet. Exact values, markings, sizes and certificates depend on the brand and model supplied and are confirmed in our quotation and in the manufacturer's test certificates. Always verify suitability with your site HSE officer. Information is subject to change without notice.