



SideWalk 60' Rope Horizontal Lifeline System

General Information

The HORIZONTAL SAFETY LINES have been tested to the standards described in ANSI Z359.1-1992 and certified by third party certification.

The HSL is for two operative use only, a full body harness complying to ANSI Z359.1-1992, and shock absorbing lanyard complying to ANSI Z359.1-1992/OSHA 1926.502 must be used when operating with the Horizontal Safety Line. Lanyard connections onto the Horizontal Safety Line, usually carabiners, must be smooth, and free of any burrs, or sharp edges. It is important that anchor points are sufficient to withstand 5000 lbs of force.

WARNING!

You must read and fully understand all instructions, or have them explained to you, before attempting to use this equipment. Equipment must not be installed, operated, or inspected by anyone who does not understand this Owner's Manual. Failure to observe these instructions could result in serious injury or death. Careless or improper use of this equipment can injury or death. Training and instruction review should be repeated at regular intervals. If you have any questions regarding these instructions, please call SafeWaze. Contact information is below.

Important Points about SWHR-60

1. Thoroughly inspect all components before and after fitting.
2. Do not use additional bars or levers to induce a higher tension in line.
3. Ensure that harness/lanyard attachments, carabiners, etc, are free from sharp edges, or burrs.
4. Ensure that anchor points are at least 5000 lbs.
5. Ensure that when using attachment straps, the sleeve is suitably positioned to prevent any abrasion or cutting.

Inspection and Examination

Keep these instructions, with the Horizontal LifeLine System to aid future inspection and examination. The equipment must be visually examined by a competent person when delivered to site/works, and thereafter at regular intervals, particular attention should be paid to the following: METALWARE: Inspect for signs of damage/distortion, and that all moving parts and springs are fully operational.

Installation & Tensioning

When installing, connect as drawing, follow 0246-HD(60') instructions to allow to tension the cable. Using Rope loop on one end, put carabiners per drawing, and then pull cable tightly through the tensioner on the other end. Pull cable snug, do not over tighten. See drawings for rope threading through tensioners. Follow instruction of the drawing to allow proper installation of the lifeline. Use Chart to determine the appropriate clearance, and application of this lifeline.



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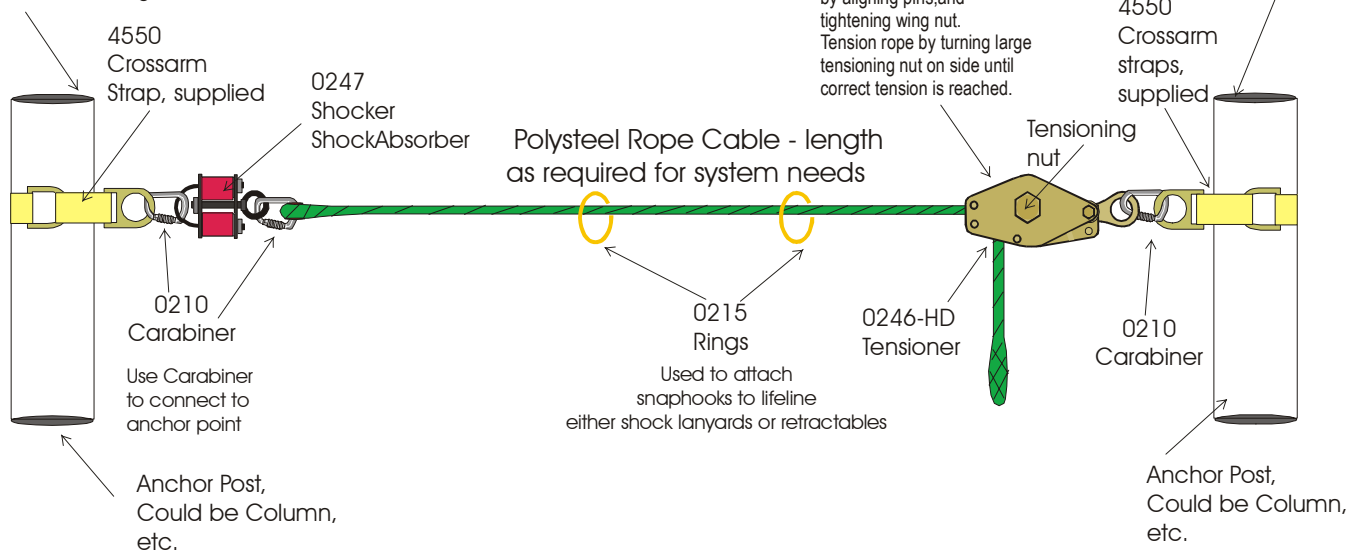
Typical values at standard length and Test Results of the Sidewalk Horizontal System SWHR-60

	SWHR-60	
Description-#workers	One	Two
Rope Life Line	5/8" Dia	5/8" Dia
Construction-	PolySteel	PolySteel
Lanyard, Feet	3/5/2006	3/5/2006
Initial Tension, on line in lbs.	300	300
Anchorage Force	1,300	1,300
With Shock Absorber		
Deflection	7.5'	10'
Max Arrest Force lbs.	375	480
Minimum Clearance	21'	23.5'

Any Qualified anchor point can be used as long as it meets OSHA regulations of at least 5000 lbs tensile strength

Feed rope through the tensioner by opening the two sides and feed rope between front pins, around tensioning pulley, and down between bottom pins, as shown inside, and pull rope tight. Reassemble by aligning pins, and tightening wing nut. Tension rope by turning large tensioning nut on side until correct tension is reached.

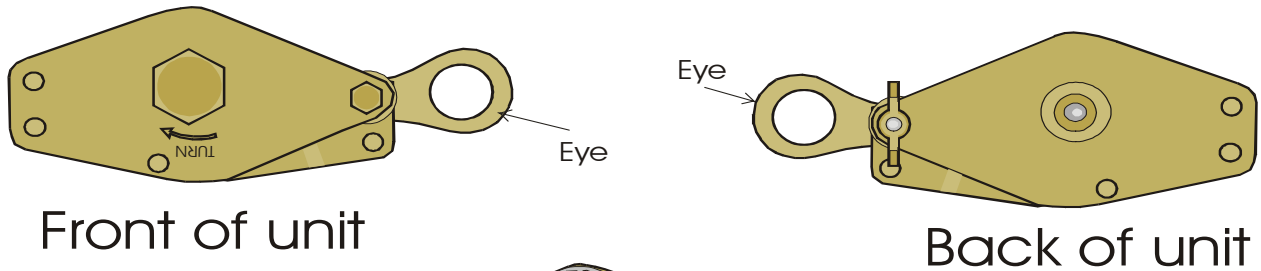
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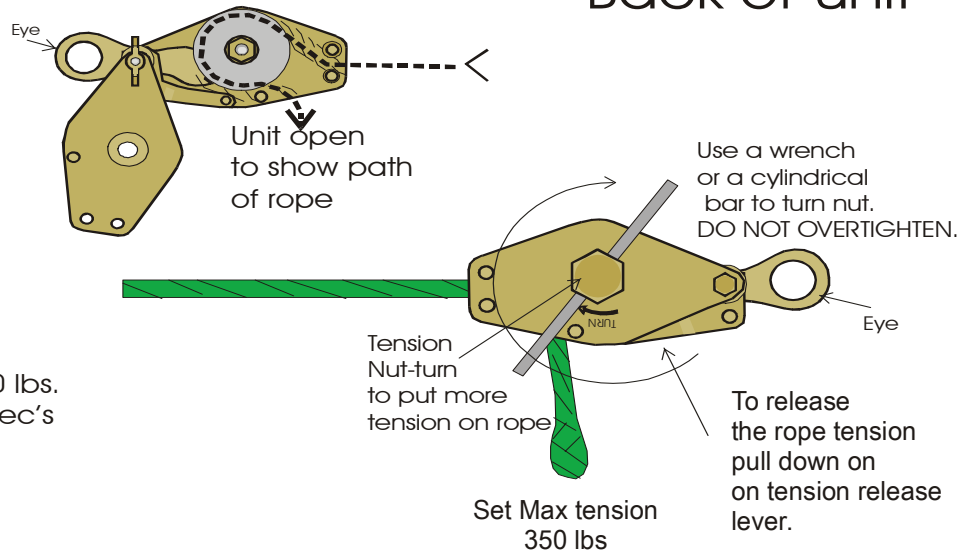


SideWalk 60' Rope Horizontal Lifeline System

0246-HD 5/8" Rope Tensioner



Specifications:
-Metal painted Steel
-Designed to be used with the SWHR-60 lifeline system.
-Wt. 3.6 lbs
Max safety load 200Kgft with Nylon rope,
Max safety load 100 kgf with VINylong.
Average Tensile strength of 5.8" polysteel rope is 11,500 lbs.
Meets all ANSI and OSHA spec's



To Use

Open unit by unscrewing the wingnut to release the sides of the unit. Feed rope as shown through the tensioner's front pins, around tensioning pulley, and down between bottom pins, as shown inside, and pull rope tight. Reassemble by aligning pins, and tightening wing nut. Tension rope by turning large tensioning nut on side until correct tension is reached. Release tension by pulling down on the tension release lever at the bottom of the unit.

To set tension:
1-Pull rope tight by hand to get slack out of rope.
2-Turn ratchet with wrench or metal bar in the direction of the arrow until 350 lbs tension is reached. DO NOT OVERTIGHTEN.