

# Sellstrom/RTC® Horizontal In-Line Tensioner

## Installation, Operating & Maintenance Instructions

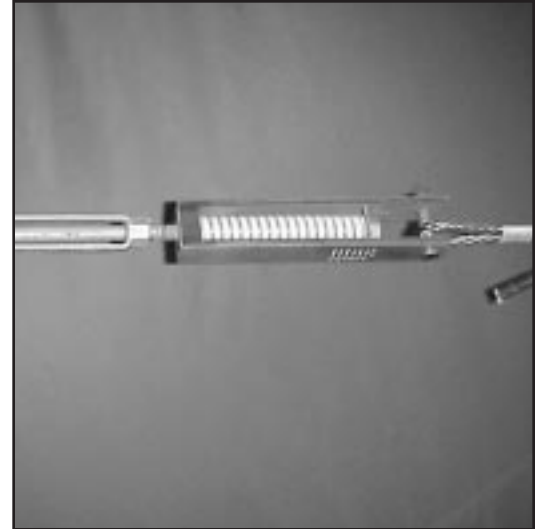
### SM/RTC Product: In-Line Tensioner

The Sellstrom/RTC (SM/RTC) Horizontal In-Line Tensioner provides a convenient method of determining the proper installation tension, or pretension, for an SM/RTC horizontal lifeline. It also provides a quick verification during inspection of the correct tension.

### Warning



These instructions are provided as an addendum to SM/RTC horizontal lifeline instructions. Read and understand the appropriate horizontal lifeline instruction provided with the horizontal lifeline system before using this product.



## WARNINGS



*To the Equipment User:  
You must read and fully understand or have the following instructions explained to you before using this equipment. Failure to do so could result in serious or fatal injury.*

**Atencion:** Si usted no puede leer el ingles o si usted no comprende estas instrucciones, favor de consultar su director de seguridad o su supervisor.

**Attention:** Si vous ne pouvez pas lire l'anglais ou si vous ne comprenez pas les instructions, consultez votre directeur de securite ou votre superviseur.

**Achtung:** Wenn Sie nicht Englisch lesen können und diese Anweisungen nicht verstehen, dann fragen Sie bitte Ihren Sicherheitsdirektor oder Ihren Aufselher.

**Attenzione:** Se non leggiere l'inglese o non capite queste istruzioni, per favore rivolgete Vi al Vostro Direttore, responsabile della "Sicurezza sul Lavoro" o al Vostro diretto superiore.

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### 1.0 Approved Application

The In-Line Tensioner may be used with SM/RTC's Permacable® Horizontal Lifeline or Steel Cable with ShockPak™ Horizontal Lifeline.

**Warning** 

Use only with SM/RTC horizontal lifelines.

### 2.0 Installation and Attachment

The In-Line Tensioner is a component of the horizontal lifeline system. Refer to the appropriate horizontal lifeline instructions provided with the system for complete installation details. The performance of the system is dependent on the proper tension in the lifeline. Pretension is critical to the operation.

**2.1** Review all instructions provided with the horizontal lifeline system. These instructions are provided as an addendum to Instructions #554 and #554SP.

**2.2** Determine proper pretension value from the instructions provided with the horizontal lifeline system.

**2.3** Connect horizontal lifeline to anchorages according to the horizontal lifeline instructions.

**2.4** When attaching the end of the horizontal lifeline with the In-Line Tensioner, be sure that both the shackle pin connections are secured with the cotter pins provided

**2.5** Tension with turnbuckles until correct tension is shown on the In-Line Tensioner. Note: Be sure to remove all trolleys, lanyards and self-retracting lanyards before re-tensioning.

**2.6** The horizontal lifeline will relax after initial tensioning and must be re-tensioned 24 hours after installation using the same procedure. Be sure to remove all trolleys, lanyards and self-retracting lanyards before re-tensioning.



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### 3.0 Inspection

3.1 The user must visually inspect the In-Line Tensioner before every use. Additionally, a competent person other than the user must inspect the In-Line Tensioner three months after first installation and then after at intervals of no more than six months. The competent person inspection is referred to as formal inspection, and should be done in connection with the inspection of the entire horizontal lifeline system.

#### **Warning**



If damage is found or you have questions or any doubts about the equipment's condition, do not use the equipment. Tag the system "DO NOT USE" and contact SM/RTC Customer Service for advice.

3.2 Formal Inspection Procedure:

3.2.1 Inspect the In-Line Tensioner along with the other hardware in the horizontal lifeline system using the instructions provided with the horizontal lifeline system. Inspect In-Line Tensioner for rough or sharp edges, corrosion, burrs, cracks, dents or distortion.

3.2.2 Remove all the fall protection equipment from the horizontal lifeline.

3.2.3 Release the cable from the anchorage.

3.2.4 Check to see if the In-Line Tensioner reads zero when not under load.

3.2.5 If the In-Line Tensioner does not read zero, contact SM/RTC.

3.2.6 If the In-Line Tensioner does read zero, re-attach the horizontal lifeline and tension as instructed in section 2.0.

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### 4.0 Maintenance

If the Horizontal lifeline tensioner becomes heavily soiled, it may be wiped clean with a cloth. (Refer to section 8.0 for regular inspection information.)

Store in a cool dry place.

#### **Warning**



Read and understand the appropriate horizontal lifeline instruction provided with the horizontal lifeline system before using this product.