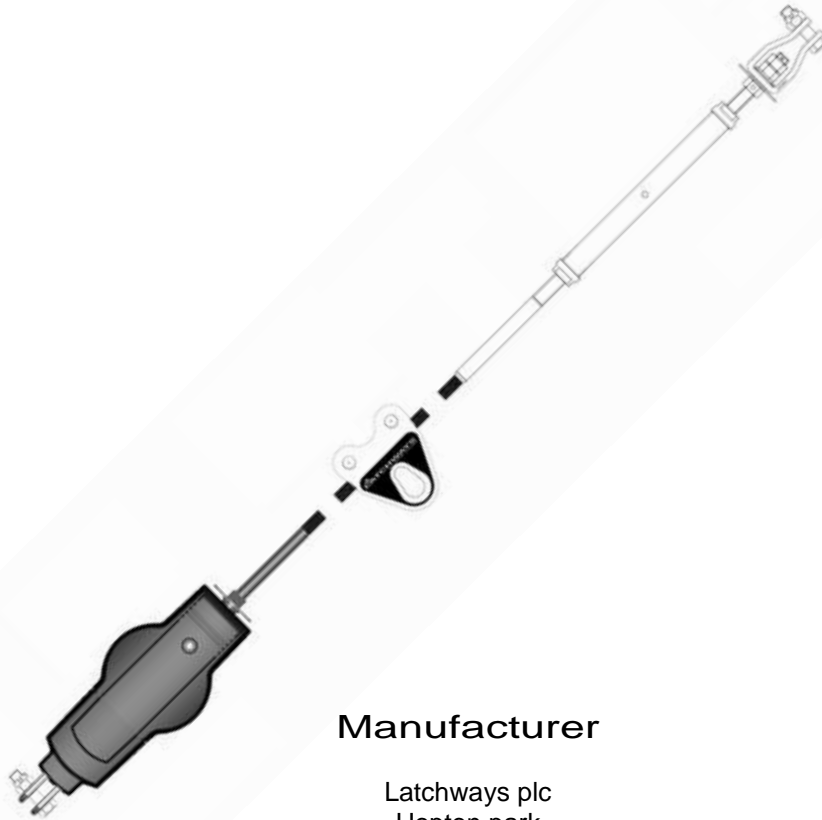


## ManSafe® Single Span System



### Manufacturer

Latchways plc  
Hopton park  
Devizes  
Wiltshire  
Sn10 2jp  
England

Tel: +44 (0)1380 732700  
Fax: +44 (0)1380 732701  
Email: [info@latchways.com](mailto:info@latchways.com)  
Website: [www.latchways.com](http://www.latchways.com)

Copyright © 2000 by Latchways plc, UK

No part of this manual may be reproduced or transmitted in any form or by any means, Electronic or mechanical, including Photocopying, recording or any information Storage or retrieval system, without prior Permission in writing from Latchways plc.

Datasheet No.: 20500_96	DAR No.: 1402	Issue: 2	Issue Date: 14/09/00
Approved: T.Bissett			Sheet 1 of 9

© Copyright 2006 Latchways plc

No part of this document may be reproduced or transmitted in any form or by any means, without prior permission in writing from Latchways plc.

	<p><b>TESTED BY</b> N.E.L. NATIONAL ENGINEERING LABORATORY, EAST KILBRIDE, GLASGOW, G75 0QU, UK</p> <p><b>CERTIFICATE NO.</b> <b>MPVB</b></p>
---	---

Datasheet No.: 20500_96	DAR No.: 1402	Issue: 2	Issue Date: 14/09/00
Approved: T.Bissett			Sheet 2 of 9

## Contents

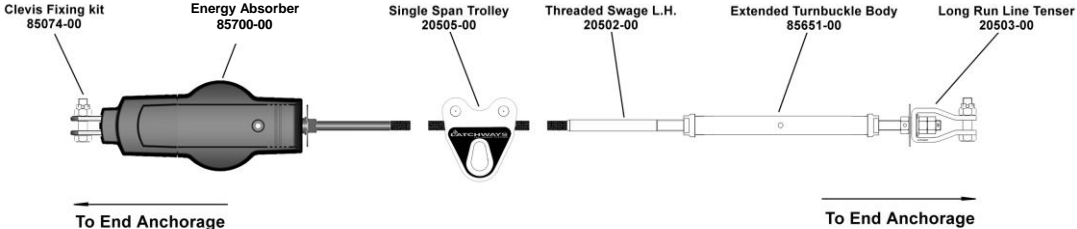
1. Key points
2. Typical system diagram
3. Control
4. System design diagram
5. General requirements for usage
6. Connecting to/from the system
7. Inspection, maintenance and storage

## 1. Key Points

- System length should be a minimum of 10m and a maximum of 62m.
- System has been designed for a maximum of 3 users. Do not exceed this number.
- System loads have been calculated using a retractable lanyard conforming to en360.
- Retractable lanyard conforming to en360 or to the equivalent national standard must be used.
- Structural end anchorage points for the system must be able to withstand 18kn load with an adequate factor of safety. Latchways recommend a factor of safety of two.
- Cable should be positioned at a minimum height of 2.5m above the work platform/walkway.
- Latchways horizontal single span fall arrest systems have been tested to en 795: 1996.
- The system must be inspected regularly and must not be used if it has not received a full inspection within twelve months. Always visually inspect the system prior to use.

Datasheet No.: 20500_96	DAR No.: 1402	Issue: 2	Issue Date: 14/09/00
Approved: T.Bissett			Sheet 3 of 9

## 2. Typical System Diagram



Datasheet No.: 20500_96	DAR No.: 1402	Issue: 2	Issue Date: 14/09/00
Approved: T.Bissett			Sheet 4 of 9

## 3. Control

Latchways horizontal single span systems should be under the control of site supervision. Site supervisors should procure and maintain record cards for each of the systems installed.

These cards should contain information similar to that shown in figure 2.

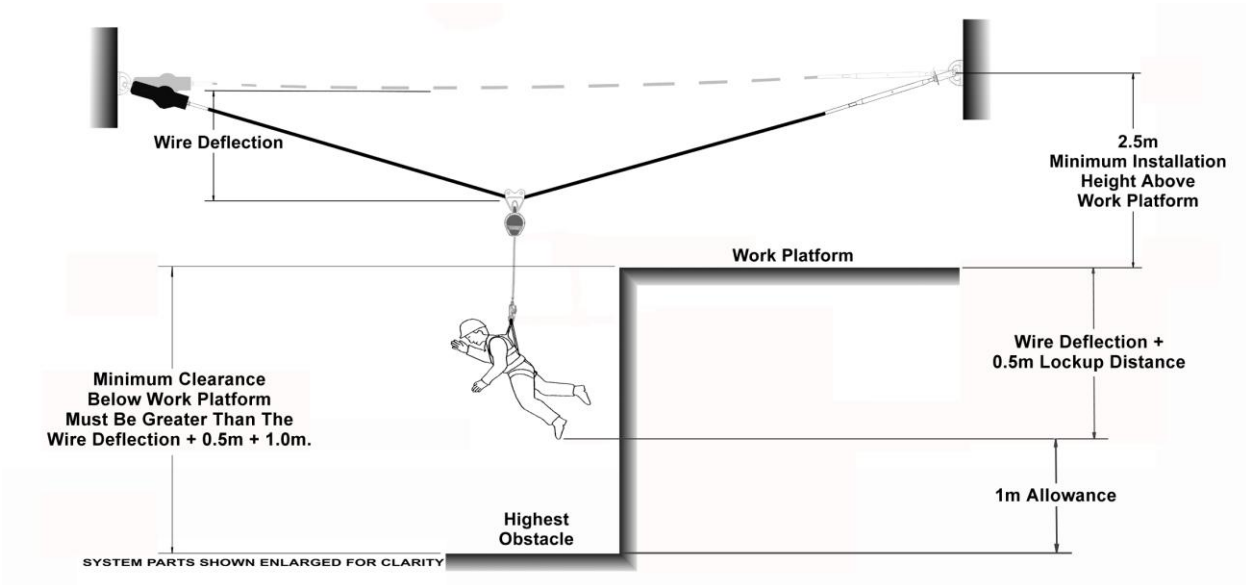
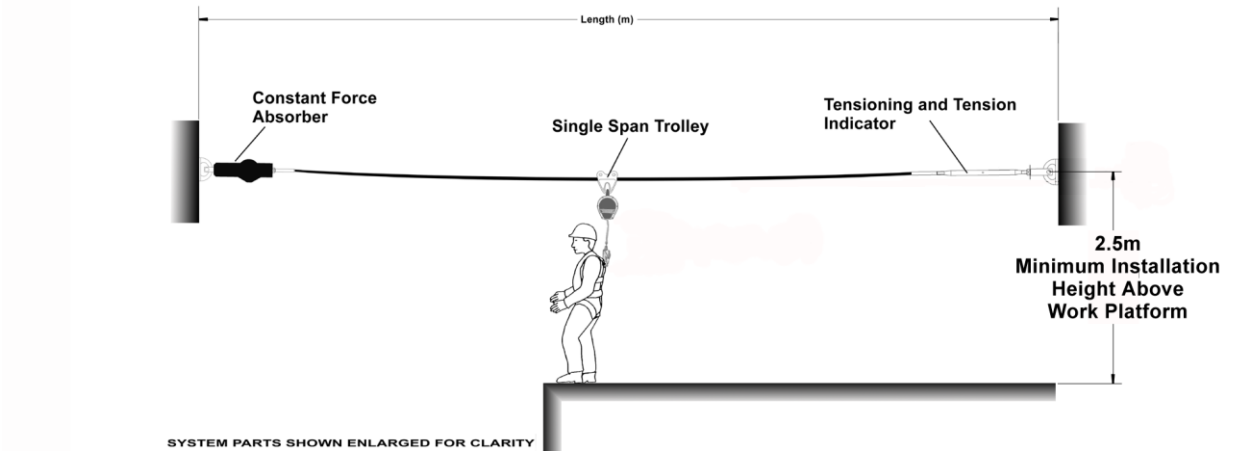
Record card

<b>SYSTEM DETAILS</b>		
Manufacturer	Latchways plc, Hopton Park, Devizes, Wiltshire, SN10 2JP, UK	Tel: +44 (0) 1380 732700 Fax: +44 (0) 1380 732701 Email: info@latchways.com
Supplier		
Serial No's (Single Span Trolley, Long Run Line Tenser etc)		
Year of Manufacture		
Date of Purchase		
Date first put into service		
Maintenance period (not greater than 12 months)		
Personal Protective Equipment to be used		
System Design and Erection (length, span, number of users)		
Visual inspection Instructions read and understood		
Details of previous training		
Authorized user(s)		
Approved for use by		
System Location (Referance/Address)		
Comments		

FIGURE 2

Datasheet No.: 20500_96	DAR No.: 1402	Issue: 2	Issue Date: 14/09/00
Approved: T.Bissett			Sheet 5 of 9

## 4. System Design Diagrams



Datasheet No.: 20500_96	DAR No.: 1402	Issue: 2	Issue Date: 14/09/00
Approved: T.Bissett			Sheet 6 of 9

## 5. General Requirements For Usage

All attached ppe (e.g. Harnesses, lanyards, energy absorbers, etc.) Must comply with the national standards in force.

Always check pre-tension before use.

Full body safety harnesses only should be worn.

Retractable fall arrest lanyards only should be used.

An integral energy absorber must be present either in the lanyard or the full body harness to limit the shock loading on the user in the event of a fall.

Latchways horizontal single span systems should only be used by persons deemed to be competent and fit by site supervision and whose names are recorded in a register. All users of these systems should have confirmed in writing that they have read the supplied user instructions and any other pertinent safety information.

All users of the system should comply with the instructions and guidance contained in the user instructions.

Warning labels/lock out notices should be clearly visible at access points to the installed system(s). These labels should indicate:

- The maximum number of attached workers.
- That only the personal protective equipment supplied by site supervision should be used.
- That no unauthorised adjustments to the system or its components or anchorages may be made.

Latchways horizontal single span systems should not be put into use until an approved Latchways installer confirms that all anchorages, fittings, accessories and the installation is fit for purpose. This confirmation should be included on the record card.

Datasheet No.: 20500_96	DAR No.: 1402	Issue: 2	Issue Date: 14/09/00
Approved: T.Bissett			Sheet 7 of 9

## 6. Connecting To / From The System

Connection to the system must only be via the single span trolley (part no. 20505-00).

Connection to and disconnection from the system can be made at any safe point along the system.

Ensure karabiner is closed and locked fully, and when so, does not foul the link.

Karabiners with limited accommodation may not be suitable and should not be used.

Datasheet No.: 20500_96	DAR No.: 1402	Issue: 2	Issue Date: 14/09/00
Approved: T.Bissett			Sheet 8 of 9



## 7. Inspection, Maintenances & Storage

All equipment should be inspected and re-certified at intervals not exceeding twelve months or as otherwise indicated on the individual component and only by persons authorised by Latchways.

If this inspection reveals defects, damage or unauthorised modification, inadequate maintenance, or evidence of a fall the system must not be used, and the equipment must undergo corrective maintenance before being re-certified and returned to service.

During storage, all equipment must be kept away from contaminants such as acids, alkalines, grit and oils.

### WARNING

**IF THERE IS ANY DOUBT ABOUT THE SAFE CONDITION OF SYSTEM COMPONENTS THEY SHOULD BE REPORTED AND WITHDRAWN FROM SERVICE.**

Datasheet No.: 20500_96	DAR No.: 1402	Issue: 2	Issue Date: 14/09/00
Approved: T.Bissett			Sheet 9 of 9