



Madaco Safety Products, Inc
1313 N. Grand Ave # 249
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User Manual For Madaco Tuff belt
Combo Harnesses

The following instructions must be read and known before product is used. Not doing so could result in serious injury or death.

The instructions/products contained in this manual are manufactured to meet the requirements set by ANSI Z359.1 and OSHA 1926. This manual should be used in conjunction with your companies training program.

1: Warning

1.1 Fall protection harnesses and lanyards are made to withstand the impact forces of a fall only once. If a harness or lanyard is subject to a fall the combo must be destroyed and removed from service, even if there is no visible damage to the harness or lanyard.

1.2 Only use compatible devices with this kit that will not affect the safe performance of the harness and lanyard as intended. Be sure that all connecting hardware is compatible before use.

1.3 Modifications and repairs to the harness and lanyard must be authorized in writing from Madaco. Unauthorized modification or repair may result in injury or death. Misuse or abuse to the harness and or lanyard will void the manufactures warrantee.

1.4 The user of this fall protection kit should maintain a documented rescue plan and the ability to access it immediately incase a fall occurs. Chemical exposure to the harness and lanyard may affect integrity and performance of the components. Be highly cautious of acidic chemicals that may cause damage. If harness or lanyard is exposed to acidic chemicals the kit must be destroyed and removed from service immediately.

2: Restrictions

2.1 Fall protection kits are to be used with other components of a complete personal fall arrest system (PFAS). The system when used correctly will stop a fall while lessening and dispersing the impact forces on the body. Madaco fall protection harnesses and lanyards should only be used with other components manufactured by Madaco unless identified as being safe and compatible by a qualified individual. Use of fall protection harnesses with incompatible (PFAS) systems will negatively affect the performance of the harness.

2.2 6 feet is the maximum allowable free fall distance for all Madaco Fall Protection harnesses and lanyards.

2.3 The Maximum weight capacity including tools for the fall protection kit unless noted otherwise is 310 LBS.

2.4 Hazards such as but not limited to; corrosive environments, gases, heat, power lines, moving vehicles, sharp edges and chemicals, require additional safety precautions in order to prevent damage to the kit/user. If you have any questions about environmental hazards effects on any product contact Madaco.

3: Training

3.1 This fall protection kit is intended to be used by a trained, qualified competent person that is aware of the correct uses and applications.

4: Applications

4.1 Madaco fall protection harnesses are manufactured to offer the highest level possible of comfort and safety. Correct adjustment to fit the wearer is essential to achieve proper function of a harness and PFAS system.

5: Attachments and Usage

5.1 Personal fall arrest systems connected to the full body harness are to be connected to the dorsal D-ring only. D-rings located at the chest, waist, shoulders and lower back are for other purposes than fall arrest and should not be used as fall arrest attachments.

5.2 Anchorage points attached to the Personal fall arrest system shall be capable of withstanding a static load of 5,000 lbs for each user that is attached to the system. (ANSI Z359.1)

5.3 For inspection, traceability and proper fitting reasons Madaco suggest that each person is designated their own fall protection kit.

5.4 To prevent injury due to a swing fall hazard work as directly under and in front of your anchorage points as possible.

5.5 In case of a fall the user of the kit must have a rescue plan prepared and accessible at all times while using fall protection equipment.

5.6 While working in environments with moving machinery and electrical hazards double check the proper fit of the harness. Loose and sagging webbing may present a danger in hazardous environments.

5.7 Do not cut or use alternate means not provided by the harness to secure loose webbing. (Tape, rubber bands, glue...Ect) If the harness doesn't fit properly or has excess webbing, contact your manager or Madaco for a solution prior to use.

5.8 Check the compatibility/function of all components of the fall arrest system both visually and physically before use.

6: Inspection Maintenance and Storage

6.1 A maintenance log is provided both on this manual and the kit its self, record inspections on both locations.

6.2 Inspections on the kit should be conducted monthly unless it is being used in a hazardous environment, in which case the harnesses should be inspected before and after each use. When inspecting the harness and lanyard look for: burns, cuts, holes, fraying of webbing or stitching, discoloration, cracks, chips or malfunction of the hardware. If any of the above are present destroy the harness/lanyard and remove from service immediately.

6.3 When storing the harness keep in a place that's away from direct sunlight, extreme temperatures and corrosive present areas. Exposure to these elements over time may cause the webbing and hardware weaken. Store harness in doors and at room temperature.

6.4 Warning labels and inspection log located on the harness must be present at all times.

6.5 Clean harness kit as needed with residential grade soap and water do not use acid based solvents. Let the harness dry slowly, in doors, away from sunlight and direct heat.

7: Specifications

- Nylon/Polyester or Kevlar/nomex webbing: 7,000 Lbs
- D-Rings/Attachment points: 5,000 Lbs
- Buckles: 4,000 Lbs
- Hardware: Forged or stamped carbon steel

8: Warranty

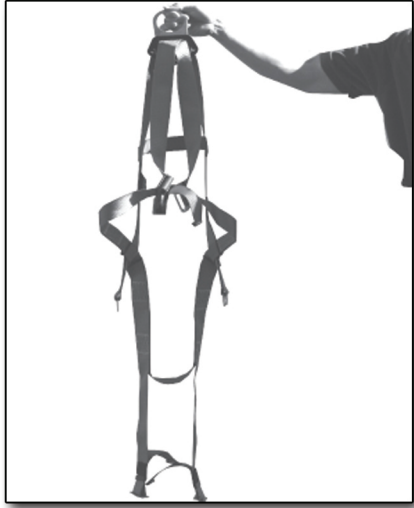
8.1 Equipment offered by MADACO is warranted against factory defects in workmanship and material for a period of one year from the date of purchase. This warranty does not cover damages to the equipment as a result of abuse, damage in transit, or damages beyond the control of Madaco Safety Products, Inc. The warranty only applies to the original purchaser; also the warranty only applies to products manufactured Madaco Safety Products, Inc.

MADACO
SAFETY PRODUCTS INC.
YOUR ALLIANCE IN
SAFETY COMPLIANCE



PUTTING ON THE HARNESS

Step 1:



Locate the back D-ring and hold the harness upright.

Step 3:



Make the longer strap on the right side, wrap it around the outside of your leg then bring inward between your legs and connect to shorter strap on the right side. Repeat step 3 for the left side.

Step 5:



Be sure that the buckle is located at the center of your chest by moving the plastic buckles that join the horizontal and vertical straps up or down.

Step 2:



Disconnect buckles at chest and legs to release straps and put on like a jacket.

Step 4:



Connect chest buckles and pull excess strap through tight.

Proper Fit



Make certain that all straps are untangled and pulled snug to the body. Do not wear harness in a loose or baggy fashion; the harness will not operate effectively if the harness is not used as directed.

Inspection Log

Date	Item Inspected	Action Taken	Clean Y/N
Inspected By:			
Inspected By:			
Inspected By:			
Inspected By:			
Inspected By:			
Inspected By:			
Inspected By:			
Inspected By:			
Inspected By:			
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