



USER INSTRUCTION MANUAL  
**IRSQ DOUBLE TANDEM PULLEY**  
THESE INSTRUCTIONS APPLY TO THE FOLLOWING MODELS:  
AFX206004, AFX206009

**CE 0598**  
EN12278:2007



II 2G  
Ex h IIc T6 Gb  
EN 80079-36:2016  
EN 80079-37:2016

Please read and understand the manufacturer's instructions for each component or part of the complete system. Manufacturer's instructions must be followed for proper use, care, and maintenance of this product. These instructions must be retained and be kept available for the user's reference at all times. Alterations or misuse of this product, or failure to follow instructions, may result in serious injury or death.

**Note:** The user is advised to keep this user instructions document for the life of the product.

- 1. INTRODUCTION:** This Double tandem pulley is classed as a Personnel Protective Equipment (PPE) by the European PPE Regulation (EU) 2016/425 and has been shown to comply with this Regulation through the Harmonized European Standard EN12278:2007.

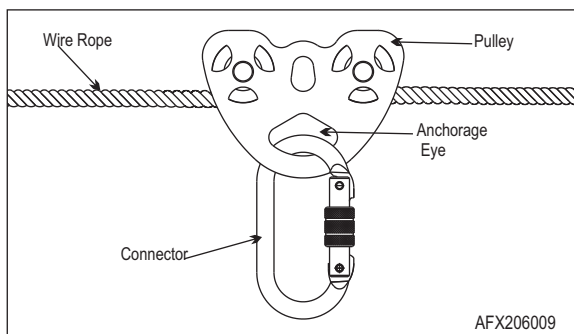
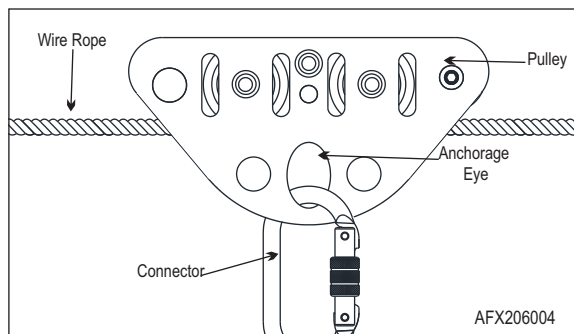
This Double tandem pulley is designed to minimise the risk of/provide protection against the danger of falling from heights. However, always remember that no item of PPE can provide full protection and care must always be taken while carrying out the risk related activity.

- 2. PERFORMANCE AND LIMITATIONS OF USE:**

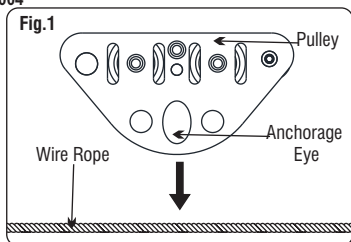
The Double tandem pulley has been tested in accordance with EN12278:2007 and has achieved the following performance levels:

| EN 12278:2007 test    | Result / Comment                                                                                                                                                                                                                              |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design (Clause 4.1)   | Pulley Incorporates an attachment point which accommodate a pin of at least 12 mm diameter (Pass)<br>Pulley allows a 13 mm pin to touch the base of sheave (Pass)<br>No sharp edges burrs that could cause additional risk to the user (Pass) |
| Strength (Clause 4.2) | Under a force of 2 kN, the sheave can be rotated (Pass) Peak force of 45 kN reached without failure.(Pass)                                                                                                                                    |

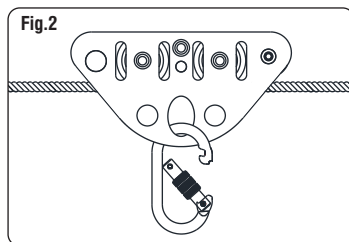
- 3. PRODUCT DESCRIPTION:**



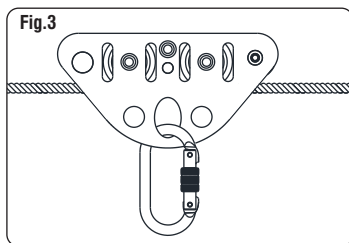
**4. HOW TO INSTALL:**  
**AFX206004**



Place and suspend the Pulley on the wire rope in such a way so that pulley wheels are on and touching the wire rope and the anchorage eye is in downward direction.

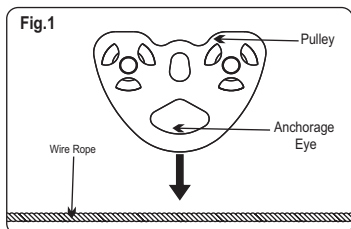


Pass the karabiner through the anchorage eye.

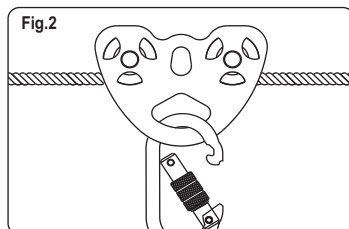


Now screw lock the karabiner and the pulley is ready for use.

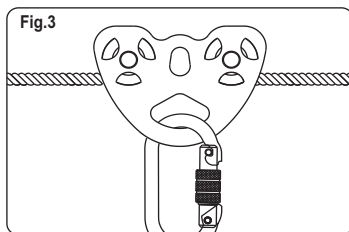
**AFX206009**



Place and suspend the Pulley on the wire rope in such a way so that pulley wheels are on and touching the wire rope and the anchorage eye is in downward direction.



Pass the karabiner through the anchorage eye.



Now screw lock the karabiner and the pulley is ready for use.

**5. INSTRUCTIONS FOR USAGE:**

(AFX206009, AFX206004)

IRSQ Double Tandem Pulley AFX206004 is intended to be installed on the lifelines having maximum diameter up to 16mm  
IRSQ Double Tandem Pulley AFX206009 is intended to be installed on the lifelines having maximum diameter up to 12mm

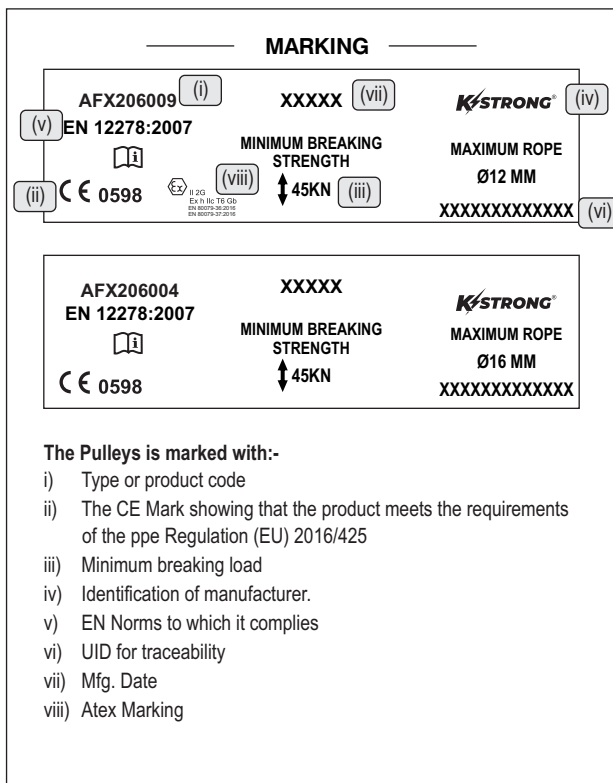
- Ensure that both ends of the lifeline are secured to a rated anchor point.
- Place the pulley on the lifeline through its open end and ensure that sheave of pulley is properly fitted on the lifeline.
- Now connect a karabiner in the eye at the bottom of the tandem pulley.
- Now User is ready to use the pulley as mobile anchor over the length of lifeline.

**6. ADVICE & INFORMATION:**

- It should be the personal property of its user.
- It should not be used in highly acidic or basic environment.
- The Pulley has been tested to EN12278:2007 and is appropriate only for single person.
- Ensure that the structure on to which the Pulley is fitted is strong enough to withstand a load of 12 kN.
- Ensure that the Pulley is installed directly above the user's head.
- Ensure that the equipment is compatible with other items when assembled into a system.
- It is essential to verify the free space required beneath the user at work place before each occasion of use so that in case of a fall there will be no collision with ground or other obstacle in the fall path.
- It is essential for the safety of user that if the product is resold outside the original country of destination, the reseller should provide instruction for use, for maintenance, for periodic examination and for repair in the language of the country in which product is to be used.

**7. INSPECTION:** Visually inspect the system before each use to ensure that it is in a serviceable condition and is operating correctly. If during inspection, doubts are raised about the safety of the system or a component, these should be replaced either by the manufacturer or a competent person.**6. COMPATIBILITY:** To optimise protection, in some instance it may be necessary to use the Pulley with suitable ppe such as boots/ gloves/ helmet/ ear defenders. In this case, before carrying out the risk-related activity, consult your supplier to ensure that all your protective products are compatible and suitable for your application.**9. STORAGE AND TRANSPORT:** When not in use, store the Pulley away from heavily acidic or basic environment. Never place heavy items on top of it. Also, ensure that it is stored away from chemically hazardous environment preferably storage should be in dry environment.**10. REPAIR:** If the product becomes damaged, it will NOT provide the optimum level of protection, and therefore must be immediately removed from service. Never use the damaged product. Repair is permitted, provided that it is either done by the manufacturer or a competent repair centre or individual approved by the manufacturer.**11. CLEANING:** In case of minor soiling, wipe the Pulley with cotton cloth or a soft brush. Do not use any abrasive material. For intensive cleaning wash the Pulley in water at a temperature between 30°C to 60°C by using a neutral detergent (pH 7). The washing temperature should not exceed 60°C. Do not use acidic or basic detergents.**12. WITHDRAWAL FROM USE:** If the system has been used to arrest a fall, it should be removed from service and returned to the manufacturer or a competent repair centre for servicing and re-test.**13. MAINTENANCE & SERVICING:** Pulley must not be altered or repaired by the user, any alteration or repair must be done by authorized personnel. Product can not be maintained by the user except general cleaning, lubricating etc.**14. WARNING:**

- Ensure the Medical condition of the user does not affect his safety in normal and emergency use.
- The equipment shall only be used by a person trained and competent in its safe use.
- A rescue plan shall be in place to deal with any emergencies that could arise during the work.
- Do not make any alterations or additions to the equipment without the manufacturer's prior written consent and that any repair shall only be carried out by personnel trained by the manufacturer & duly authorized by him.
- The equipment shall not be used outside its limitation, or for any purpose other than that for which it is intended.
- Do not Store in WET & ICY condition as it may directly affect the functionality of the product.
- Only the models with the © marking on the product itself are suitable for use in an Explosive Atmosphere.
- Following conditions may be hazardous & may affect the performance of pulley-
  - Extreme temperature.
  - Trailing or looping of Lanyards over sharp edges.
  - Extreme acidic or basic environments.
  - Abrasive or sharp edge structures which can damage the equipment.
  - Chemical reagents.
  - Climatic exposure.



**LIFESPAN:** The estimated product Lifespan is 10 years from the date of manufacture. The following factors can reduce the Lifespan of the product: intense use, contact with chemical substances, specially aggressive environments, extreme temperature exposure, UV exposure, abrasions, cuts, violent impacts, bad use or maintenance.

**DISCLAIMER:** Prior to use, the end user must read and understand the manufacturer's instructions supplied with this product at the time of shipment and seek training from their employer's trained personnel on the proper usage of the product. Manufacturer is not liable or responsible for any loss, damage or injury caused or incurred by any person on grounds of improper usage or installation of this product.

| EQUIPMENT RECORD                                 |                                                         |                                                                         |                                           |                                       |
|--------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------|---------------------------------------|
| Product                                          |                                                         |                                                                         |                                           |                                       |
| Model & type/Identification                      |                                                         | Trade Name                                                              |                                           | Identification number                 |
| Manufacturer                                     |                                                         | Address                                                                 |                                           | Tel, email into use                   |
| Year of manufacture                              |                                                         | Purchase Date                                                           |                                           | Date first put into use               |
| Other relevant information (eg. document number) |                                                         |                                                                         |                                           |                                       |
| PERIODIC EXAMINATION AND REPAIR HISTORY          |                                                         |                                                                         |                                           |                                       |
| Date                                             | Reason for entry<br>(periodic examination<br>or repair) | Defects noted, repairs<br>carried out and other<br>relevant information | Name and signature<br>of competent person | Periodic examination<br>next due date |
|                                                  |                                                         |                                                                         |                                           |                                       |
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**Certification Body :**

SATRA Technology Europe Ltd, Bracetown Business Park, Clonree, Dublin D15 YN2P Ireland (Notified Body 2777)

**Ongoing Assessment Body:**

SGS Fimko Oy, Takomotie 8, FI-00380 Helsinki, Finland (Notified Body 0598)

For EU Declaration, please visit <https://kstrong.com/asia/eu-declaration-form/>



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